





JFE BEAR 82
JFE 5CT 2
SF L13
5-1/2 2
HEAT NO 7-17733

DRILLING

MADE IN JAPAN

5

MADE IN JAPAN

DRILLING

MADE IN JAPAN

DRILLING

25345

1000

1000

1000

8





30 TONNES

KEEP CLEAR



CHINA SHIPPING

B 3 8





[illegible]

Dimensional & Grade Designators														Internal Yield						Ductile		
Weight			NOM	NOM	API	Alternate		Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Rupture	Outside Diameter		
O D									Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	Capped	Regular	Special Clr	
Size	T&C	P E	Wall	I D	Drift	Drift	Product		Yield	Threaded and Coupled			Body	STC	LTC	BTC	End	End		End	Coupling	Coupling
in.	lb/ft	lb/ft	in.	in.	in.	in.	Grade		Pipe Body	STC	LTC	BTC ^a	psi	psi	psi	psi	psi	psi	psi	in.	in.	
4 1/2	9.50	9.41	0.205	4.090	3.965	--	H40	2,760	111	77	--	--	3,180	3,180	--	--	3,170	3,530	3,470	5.000	--	
4 1/2	9.50	9.41	0.205	4.090	3.965	--	J55	3,310	152	101	--	--	4,380	4,380	--	--	4,360	4,850	4,370	5.000	--	
4 1/2	9.50	9.41	0.205	4.090	3.965	--	K55	3,310	152	112	--	--	4,380	4,380	--	--	4,360	4,850	5,540	5.000	--	
4 1/2	9.50	9.41	0.205	4.090	3.965	--	USS FS80	4,920	207	135	--	--	5,970	5,970	--	--	5,940	6,610	6,760	5.000	4.875	
4 1/2	10.50	10.24	0.224	4.052	3.927	--	J55	4,010	165	132	--	203	4,790	4,790	--	4,790	4,770	5,280	4,810	5.000	4.875	
4 1/2	10.50	10.24	0.224	4.052	3.927	--	K55	4,010	165	146	--	249	4,790	4,790	--	4,790	4,770	5,280	6,090	5.000	4.875	
4 1/2	10.50	10.24	0.224	4.052	3.927	--	USS FS80	5,920	226	175	--	260	6,530	6,530	--	6,530	6,500	7,200	7,430	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	J55	4,960	184	154	162	225	5,350	5,350	5,350	5,350	5,320	5,860	5,390	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	K55	4,960	184	170	180	277	5,350	5,350	5,350	5,350	5,320	5,860	6,830	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	USS FS80	7,270	250	--	212	288	7,300	--	7,300	7,300	7,260	7,990	8,340	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	USS GT80S	6,350	267	--	212	291	7,790	--	7,790	7,790	7,740	8,520	8,360	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	L80	6,350	267	--	212	291	7,790	--	7,790	7,790	7,740	8,520	8,360	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	L80 HC	7,270	267	--	212	291	7,790	--	7,790	7,790	7,740	8,520	8,360	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	L80 HP	7,750	284	--	212	294	8,270	--	8,270	8,270	8,220	9,060	8,360	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	N80n	6,350	267	--	223	304	7,790	--	7,790	7,790	7,740	8,520	7,280	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	N80	6,350	267	--	223	304	7,790	--	7,790	7,790	7,740	8,520	8,800	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	N80 HC	7,540	267	--	223	304	7,790	--	7,790	7,790	7,740	8,520	8,800	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	N80 HP	8,190	317	--	234	325	9,250	--	9,250	9,250	9,190	10,120	9,310	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	C90	6,820	300	--	223	309	8,760	--	8,760	8,760	8,710	9,590	9,770	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	USS C90	6,820	300	--	223	309	8,760	--	8,760	8,760	8,710	9,590	9,770	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	C95	7,030	317	--	234	325	9,250	--	9,250	9,250	9,190	10,120	9,310	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	T95	7,030	317	--	234	325	9,250	--	9,250	9,250	9,190	10,120	10,280	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	USS C95	7,030	317	--	234	325	9,250	--	9,250	9,250	9,190	10,120	10,280	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	USS C100	7,220	334	--	245	341	9,730	--	9,730	9,730	9,680	10,660	10,800	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	C110	7,580	367	--	--	--	10,710	--	--	--	10,640	11,720	12,330	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	P110 SR16	7,580	367	--	279	385	10,710	--	10,710	10,710	10,640	11,720	11,160	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	P110	7,580	367	--	279	385	10,710	--	10,710	10,710	10,640	11,720	12,330	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	P110 HC	8,830	367	--	279	385	10,710	--	10,710	10,710	10,640	11,720	12,330	5.000	4.875	
4 1/2	11.60	11.36	0.250	4.000	3.875	--	P110 HP	9,540	417	--	290	407	12,170	--	12,170	12,170	12,090	13,320	12,920	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	USS GT80S	8,540	307	--	257	334	9,030	--	9,030	9,030	8,960	9,810	9,760	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	L80	8,540	307	--	257	334	9,030	--	9,030	9,030	8,960	9,810	9,760	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	L80 HC	9,240	307	--	257	334	9,030	--	9,030	9,030	8,960	9,810	9,760	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	L80 HP	9,760	326	--	257	337	9,600	--	9,600	9,600	9,520	10,420	9,760	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	N80n	8,540	307	--	270	349	9,030	--	9,030	9,030	8,960	9,810	8,490	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	N80	8,540	307	--	270	349	9,030	--	9,030	9,030	8,960	9,810	10,270	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	N80 HC	9,650	307	--	270	349	9,030	--	9,030	9,030	8,960	9,810	10,270	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	N80 HP	10,490	364	--	284	374	10,720	--	10,660	9,790	10,640	11,650	10,870	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	C90	9,300	345	--	270	355	10,160	--	10,160	10,160	10,080	11,030	11,420	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	USS C90	9,300	345	--	270	355	10,160	--	10,160	10,160	10,080	11,030	11,420	5.000	4.875	

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				Internal Yield						Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				API Historical			Lame' - Von Mises		Rupture	Regular Coupling in.	Special Clr Coupling in.			
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.		Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a	Pipe Body psi	Threaded & Coupled		Open End psi	Capped End psi	Capped End psi						
												STC psi	LTC psi				BTC psi					
4 1/2	13.50	13.05	0.290	3.920	3.795	--	C95	9,660	364	--	284	374	10,720	--	10,720	10,720	10,640	11,650	10,870	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	T95	9,660	364	--	284	374	10,720	--	10,720	10,720	10,640	11,650	12,020	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	USS C95	9,660	364	--	284	374	10,720	--	10,720	10,720	10,640	11,650	12,020	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	USS C100	10,010	384	--	297	392	11,290	--	11,290	11,290	11,200	12,260	12,620	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	C110	10,690	422	--	--	--	12,420	--	--	--	12,320	13,490	14,410	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	P110 SR16	10,690	422	--	338	443	12,420	--	12,420	12,420	12,320	13,490	13,040	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	P110	10,690	422	--	338	443	12,420	--	12,420	12,420	12,320	13,490	14,410	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	P110 HC	11,810	422	--	338	443	12,420	--	12,420	12,420	12,320	13,490	14,410	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	P110 HP	12,730	480	--	351	467	14,110	--	14,110	13,460	14,000	15,320	15,100	5.000	4.875	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	Q125	11,600	480	--	365	482	14,110	--	14,110	14,110	14,000	15,320	15,680	5.000	--	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	Q125 HC	12,400	480	--	365	482	14,110	--	14,110	14,110	14,000	15,320	15,680	5.000	--	
4 1/2	13.50	13.05	0.290	3.920	3.795	--	Q125 HP	13,360	518	--	378	503	15,240	--	15,240	15,240	15,120	16,550	16,350	5.000	--	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	L80	11,090	353	--	308	384	10,490	--	10,490	9,790	10,370	11,290	11,430	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	L80 HC	11,410	353	--	308	384	10,490	--	10,490	9,790	10,370	11,290	11,430	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	L80 HP	11,990	375	--	308	388	11,140	--	10,660	9,790	11,020	11,990	11,430	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	N80	11,090	353	--	325	401	10,490	--	10,490	9,790	10,370	11,290	12,030	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	N80 HC	11,980	353	--	325	401	10,490	--	10,490	9,790	10,370	11,290	12,030	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	N80 HP	13,030	419	--	341	429	12,460	--	10,660	9,790	12,320	13,400	12,730	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	C90	12,230	397	--	325	408	11,800	--	11,800	11,020	11,670	12,700	13,380	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	USS C90	12,230	397	--	325	408	11,800	--	11,800	11,020	11,670	12,700	13,380	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	C95	12,770	419	--	341	429	12,460	--	12,460	11,630	12,320	13,400	12,730	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	T95	12,770	419	--	341	429	12,460	--	12,460	11,630	12,320	13,400	14,080	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	USS C95	12,770	419	--	341	429	12,460	--	12,460	11,630	12,320	13,400	14,080	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	USS C100	13,300	441	--	357	450	13,110	--	13,110	12,240	12,970	14,110	14,790	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	C110	14,340	485	--	--	--	14,420	--	--	--	14,270	15,520	16,890	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	P110 SR16	14,340	485	--	406	509	14,420	--	14,420	13,460	14,270	15,520	15,270	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	P110	14,340	485	--	406	509	14,420	--	14,420	13,460	14,270	15,520	16,890	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	P110 HC	15,130	485	--	406	509	14,420	--	14,420	13,460	14,270	15,520	16,890	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	P110 HP	16,290	551	--	422	536	16,390	--	14,650	13,460	16,210	17,640	17,700	5.000	4.875	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	Q125	15,830	551	--	438	554	16,390	--	16,390	15,300	16,210	17,640	18,380	5.000	--	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	Q125 HC	16,070	551	--	438	554	16,390	--	16,390	15,300	16,210	17,640	18,380	5.000	--	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	Q125 HP	17,270	595	--	454	578	17,700	--	16,650	15,300	17,510	19,050	19,160	5.000	--	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	USS140	17,240	617	--	487	616	18,360	--	18,360	17,140	18,160	19,750	20,580	5.000	--	
4 1/2	15.10	15.00	0.337	3.826	3.701	--	USS V150	18,110	661	--	519	658	19,670	--	19,670	18,360	19,450	21,160	22,060	5.000	--	
4 1/2	16.60	16.54	0.375	3.750	3.625	--	C90	13,750	437	--	367	429	13,120	--	11,990	11,020	12,940	14,020	14,990	5.000	4.875	
4 1/2	16.60	16.54	0.375	3.750	3.625	--	USS C90	13,750	437	--	367	429	13,120	--	11,990	11,020	12,940	14,020	14,990	5.000	4.875	
4 1/2	16.60	16.54	0.375	3.750	3.625	--	C95	14,510	462	--	386	450	13,850	--	12,650	11,630	13,660	14,800	14,240	5.000	4.875	
4 1/2	16.60	16.54	0.375	3.750	3.625	--	T95	14,510	462	--	386	450	13,850	--	12,650	11,630	13,660	14,800	15,770	5.000	4.875	
4 1/2	16.60	16.54	0.375	3.750	3.625	--	USS C95	14,510	462	--	386	450	13,850	--	12,650	11,630	13,660	14,800	15,770	5.000	4.875	

Dimensional & Grade Designators									TENSION				Internal Yield						Ductile Rupture	Outside Diameter	
Weight		NOM	NOM	API	Alternate	Collapse Resistance psi	API Historical						Lame' - Von Mises								
O D								Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	Capped	Regular	Special Clr	
Size	T&C	P E	Wall	I D	Drift		Drift	Product	Yield	Threaded and Coupled			Body	STC	LTC	BTC	End				End
in.	lb/ft	lb/ft	in.	in.	in.	in.	Grade	Pipe Body	STC	LTC	BTC ^a	psi	psi	psi	psi	psi	psi	psi	in.	in.	
4 1/2	16.60	16.54	0.375	3.750	3.625	--	USS C100	15,280	486	--	404	472	14,580	--	13,320	12,240	14,380	15,580	16,570	5.000	4.875
4 1/2	16.60	16.54	0.375	3.750	3.625	--	C110	16,810	535	--	--	--	16,040	--	--	--	15,820	17,130	18,920	5.000	4.875
4 1/2	16.60	16.54	0.375	3.750	3.625	--	P110 SR16	16,810	535	--	459	536	16,040	--	14,650	13,460	15,820	17,130	17,080	5.000	4.875
4 1/2	16.60	16.54	0.375	3.750	3.625	--	P110	16,810	535	--	459	536	16,040	--	14,650	13,460	15,820	17,130	18,920	5.000	4.875
4 1/2	16.60	16.54	0.375	3.750	3.625	--	P110 HC	17,680	535	--	459	536	16,040	--	14,650	13,460	15,820	17,130	18,920	5.000	4.875
4 1/2	16.60	16.54	0.375	3.750	3.625	--	P110 HP	19,010	608	--	478	536	18,220	--	14,650	13,460	17,980	19,470	19,830	5.000	4.875
4 1/2	16.60	16.54	0.375	3.750	3.625	--	Q125	19,100	608	--	496	579	18,220	--	16,650	15,300	17,980	19,470	20,590	5.000	--
4 1/2	16.60	16.54	0.375	3.750	3.625	--	Q125 HC	18,890	608	--	496	579	18,220	--	16,650	15,300	17,980	19,470	20,590	5.000	--
4 1/2	16.60	16.54	0.375	3.750	3.625	--	Q125 HP	20,260	656	--	514	579	19,680	--	16,650	15,300	19,420	21,030	21,460	5.000	--
4 1/2	16.60	16.54	0.375	3.750	3.625	--	USS140	21,130	680	--	551	643	20,410	--	18,650	17,140	20,130	21,810	23,050	5.000	--
4 1/2	16.60	16.54	0.375	3.750	3.625	--	USS V150	22,330	729	--	588	686	21,870	--	19,980	18,360	21,570	23,370	24,710	5.000	--
4 1/2	19.10	18.98	0.437	3.626	3.501	--	C90	15,780	502	--	436	429	15,280	--	11,990	11,020	15,000	16,130	17,670	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	USS C90	15,780	502	--	436	429	15,280	--	11,990	11,020	15,000	16,130	17,670	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	C95	16,660	530	--	458	450	16,130	--	12,650	11,630	15,840	17,020	16,770	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	T95	16,660	530	--	458	450	16,130	--	12,650	11,630	15,840	17,020	18,600	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	USS C95	16,660	530	--	458	450	16,130	--	12,650	11,630	15,840	17,020	18,600	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	USS C100	17,530	558	--	479	472	16,980	--	13,320	12,240	16,670	17,920	19,530	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	C110	19,290	614	--	--	--	18,680	--	--	--	18,340	19,710	22,310	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	P110 SR16	19,290	614	--	545	536	18,680	--	14,650	13,460	18,340	19,710	20,120	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	P110	19,290	614	--	545	536	18,680	--	14,650	13,460	18,340	19,710	22,310	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	P110 HC	21,660	614	--	545	536	18,680	--	14,650	13,460	18,340	19,710	22,310	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	P110 HP	23,270	697	--	566	536	21,220	--	14,650	13,460	20,840	22,400	23,370	5.000	4.875
4 1/2	19.10	18.98	0.437	3.626	3.501	--	Q125	21,920	697	--	588	579	21,220	--	16,650	15,300	20,840	22,400	24,270	5.000	--
4 1/2	19.10	18.98	0.437	3.626	3.501	--	Q125 HC	23,260	697	--	588	579	21,220	--	16,650	15,300	20,840	22,400	24,270	5.000	--
4 1/2	19.10	18.98	0.437	3.626	3.501	--	Q125 HP	24,920	753	--	610	579	22,920	--	16,650	15,300	22,500	24,190	25,300	5.000	--
4 1/2	19.10	18.98	0.437	3.626	3.501	--	USS140	24,550	781	--	654	643	23,770	--	18,650	17,140	23,340	25,080	27,170	5.000	--
4 1/2	19.10	18.98	0.437	3.626	3.501	--	USS V150	26,300	837	--	697	686	25,470	--	19,980	18,360	25,000	26,880	29,130	5.000	--
5	11.50	11.24	0.220	4.560	4.435	--	J55	3,060	182	133	--	--	4,250	4,250	--	--	4,230	4,690	4,250	5.563	--
5	11.50	11.24	0.220	4.560	4.435	--	K55	3,060	182	147	--	--	4,250	4,250	--	--	4,230	4,690	5,380	5.563	--
5	11.50	11.24	0.220	4.560	4.435	--	USS FS80	4,550	248	177	--	--	5,790	5,790	--	--	5,770	6,400	6,550	5.563	5.375
5	13.00	12.84	0.253	4.494	4.369	--	J55	4,140	208	169	182	252	4,860	4,860	4,860	4,860	4,840	5,360	4,880	5.563	5.375
5	13.00	12.84	0.253	4.494	4.369	--	K55	4,140	208	186	201	309	4,860	4,860	4,860	4,860	4,840	5,360	6,180	5.563	5.375
5	13.00	12.84	0.253	4.494	4.369	--	USS FS80	6,110	283	224	241	323	6,630	6,630	6,630	6,630	6,600	7,310	7,540	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	J55	5,560	241	207	223	293	5,700	5,700	5,700	5,700	5,660	6,220	5,750	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	K55	5,560	241	228	246	359	5,700	5,700	5,700	5,700	5,660	6,220	7,280	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	USS FS80	8,090	328	274	295	375	7,770	7,770	7,770	7,770	7,720	8,490	8,900	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	USS GT80S	7,250	350	--	295	379	8,290	--	8,290	8,290	8,230	9,050	8,920	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	L80	7,250	350	--	295	379	8,290	--	8,290	8,290	8,230	9,050	8,920	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	L80 HC	8,090	350	--	295	379	8,290	--	8,290	8,290	8,230	9,050	8,920	5.563	5.375

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield						Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade		Joint Strength, 1,000 lbs				API Historical			Lame' - Von Mises		Regular Coupling in.		Special Clr Coupling in.	
	T&C lb/ft	P E lb/ft							Yield Pipe Body	Threaded and Coupled			Pipe Body psi	Threaded & Coupled		Open psi	Capped psi				
									STC	LTC	BTC ^a		STC psi	LTC psi	BTC psi			End psi			
5	15.00	14.88	0.296	4.408	4.283	--	L80 HP	8,590	372	--	295	383	8,810	--	8,810	8,810	8,750	9,620	8,920	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	N80n	7,250	350	--	311	396	8,290	--	8,290	8,290	8,230	9,050	7,760	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	N80	7,250	350	--	311	396	8,290	--	8,290	8,290	8,230	9,050	9,390	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	N80 HC	8,420	350	--	311	396	8,290	--	8,290	8,290	8,230	9,050	9,390	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	N80 HP	9,150	416	--	326	424	9,840	--	9,840	9,840	9,780	10,750	9,930	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	C90	7,830	394	--	311	404	9,320	--	9,320	9,320	9,260	10,190	10,430	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	USS C90	7,830	394	--	311	404	9,320	--	9,320	9,320	9,260	10,190	10,430	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	C95	8,110	416	--	326	424	9,840	--	9,840	9,840	9,780	10,750	9,930	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	T95	8,110	416	--	326	424	9,840	--	9,840	9,840	9,780	10,750	10,980	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	USS C95	8,110	416	--	326	424	9,840	--	9,840	9,840	9,780	10,750	10,980	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	USS C100	8,370	437	--	342	445	10,360	--	10,360	10,360	10,290	11,320	11,530	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	C110	8,850	481	--	--	--	11,400	--	--	--	11,320	12,450	12,640	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	P110 SR16	8,850	481	--	388	503	11,400	--	11,400	11,400	11,320	12,450	11,910	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	P110	8,850	481	--	388	503	11,400	--	11,400	11,400	11,320	12,450	13,170	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	P110 HC	10,060	481	--	388	503	11,400	--	11,400	11,400	11,320	12,450	13,170	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	P110 HP	10,860	547	--	404	532	12,950	--	12,950	12,950	12,860	14,150	13,790	5.563	5.375
5	15.00	14.88	0.296	4.408	4.283	--	Q125	9,480	547	--	420	548	12,950	--	12,950	12,950	12,860	14,150	14,330	5.563	--
5	15.00	14.88	0.296	4.408	4.283	--	Q125 HC	10,490	547	--	420	548	12,950	--	12,950	12,950	12,860	14,150	14,330	5.563	--
5	15.00	14.88	0.296	4.408	4.283	--	Q125 HP	11,320	590	--	435	573	13,990	--	13,990	13,990	13,890	15,280	14,930	5.563	--
5	15.00	14.88	0.296	4.408	4.283	--	USS140	9,990	612	--	466	610	14,500	--	14,500	14,500	14,410	15,840	16,040	5.563	--
5	15.00	14.88	0.296	4.408	4.283	--	USS V150	10,250	656	--	497	651	15,540	--	15,540	15,540	15,430	16,980	17,190	5.563	--
5	18.00	17.95	0.362	4.276	4.151	--	USS GT80S	10,490	422	--	376	457	10,140	--	10,140	9,910	10,040	10,940	11,030	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	L80	10,490	422	--	376	457	10,140	--	10,140	9,910	10,040	10,940	11,030	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	L80 HC	10,900	422	--	376	457	10,140	--	10,140	9,910	10,040	10,940	11,030	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	L80 HP	11,470	448	--	376	462	10,780	--	10,780	9,910	10,670	11,620	11,030	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	N80n	10,490	422	--	396	477	10,140	--	10,140	9,910	10,040	10,940	9,590	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	N80	10,490	422	--	396	477	10,140	--	10,140	9,910	10,040	10,940	11,610	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	N80 HC	11,440	422	--	396	477	10,140	--	10,140	9,910	10,040	10,940	11,610	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	N80 HP	12,430	501	--	416	512	12,050	--	10,810	9,910	11,920	12,990	12,290	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	C90	11,520	475	--	396	487	11,410	--	11,410	11,150	11,300	12,310	12,910	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	USS C90	11,520	475	--	396	487	11,410	--	11,410	11,150	11,300	12,310	12,910	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	C95	12,030	501	--	416	512	12,050	--	12,050	11,770	11,920	12,990	12,290	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	T95	12,030	501	--	416	512	12,050	--	12,050	11,770	11,920	12,990	13,590	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	USS C95	12,030	501	--	416	512	12,050	--	12,050	11,770	11,920	12,990	13,590	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	USS C100	12,520	528	--	436	537	12,680	--	12,680	12,390	12,550	13,670	14,270	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	C110	13,470	580	--	--	--	13,950	--	--	--	13,810	15,040	15,650	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	P110 SR16	13,470	580	--	495	606	13,950	--	13,950	13,620	13,810	15,040	14,740	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	P110	13,470	580	--	495	606	13,950	--	13,950	13,620	13,810	15,040	16,300	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	P110 HC	14,360	580	--	495	606	13,950	--	13,950	13,620	13,810	15,040	16,300	5.563	5.375

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield						Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				API Historical			Lame' - Von Mises		Rupture			
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled			Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.
5	18.00	17.95	0.362	4.276	4.151	--	P110 HP	15,460	659	--	515	641	15,850	--	14,870	13,620	15,690	17,090	17,080	5.563	5.375
5	18.00	17.95	0.362	4.276	4.151	--	Q125	14,820	659	--	535	661	15,850	--	15,850	15,480	15,690	17,090	17,740	5.563	--
5	18.00	17.95	0.362	4.276	4.151	--	Q125 HC	15,220	659	--	535	661	15,850	--	15,850	15,480	15,690	17,090	17,740	5.563	--
5	18.00	17.95	0.362	4.276	4.151	--	Q125 HP	16,360	712	--	555	691	17,120	--	16,900	15,480	16,940	18,460	18,490	5.563	--
5	18.00	17.95	0.362	4.276	4.151	--	USS140	16,080	739	--	594	735	17,750	--	17,750	17,340	17,570	19,140	19,860	5.563	--
5	18.00	17.95	0.362	4.276	4.151	--	USS V150	16,860	791	--	634	785	19,020	--	19,020	18,580	18,830	20,510	21,290	5.563	--
5	21.40	21.32	0.437	4.126	4.001	--	USS GT80S	12,760	501	--	466	510	12,220	--	10,810	9,910	12,040	13,020	13,450	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	L80	12,760	501	--	466	510	12,220	--	10,810	9,910	12,040	13,020	13,450	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	L80 HC	13,900	501	--	466	510	12,220	--	10,810	9,910	12,040	13,020	13,450	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	L80 HP	14,550	532	--	466	510	12,990	--	10,810	9,910	12,800	13,830	13,450	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	N80n	12,760	501	--	490	537	12,220	--	10,810	9,910	12,040	13,020	11,660	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	N80	12,760	501	--	490	537	12,220	--	10,810	9,910	12,040	13,020	14,160	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	N80 HC	14,640	501	--	490	537	12,220	--	10,810	9,910	12,040	13,020	14,160	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	N80 HP	15,920	595	--	515	537	14,520	--	10,810	9,910	14,300	15,460	14,980	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	C90	14,360	564	--	490	537	13,750	--	12,170	11,150	13,550	14,650	15,760	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	USS C90	14,360	564	--	490	537	13,750	--	12,170	11,150	13,550	14,650	15,760	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	C95	15,150	595	--	515	563	14,520	--	12,840	11,770	14,300	15,460	14,980	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	T95	15,150	595	--	515	563	14,520	--	12,840	11,770	14,300	15,460	16,590	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	USS C95	15,150	595	--	515	563	14,520	--	12,840	11,770	14,300	15,460	16,590	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	USS C100	15,950	626	--	539	590	15,280	--	13,520	12,390	15,050	16,270	17,430	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	C110	17,550	689	--	--	--	16,810	--	--	--	16,560	17,900	19,110	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	P110 SR16	17,550	689	--	613	671	16,810	--	14,870	13,620	16,560	17,900	17,960	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	P110	17,550	689	--	613	671	16,810	--	14,870	13,620	16,560	17,900	19,900	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	P110 HC	18,870	689	--	613	671	16,810	--	14,870	13,620	16,560	17,900	19,900	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	P110 HP	20,290	783	--	637	671	19,100	--	14,870	13,620	18,820	20,340	20,850	5.563	5.375
5	21.40	21.32	0.437	4.126	4.001	--	Q125	19,940	783	--	662	724	19,100	--	16,900	15,480	18,820	20,340	21,660	5.563	--
5	21.40	21.32	0.437	4.126	4.001	--	Q125 HC	20,200	783	--	662	724	19,100	--	16,900	15,480	18,820	20,340	21,660	5.563	--
5	21.40	21.32	0.437	4.126	4.001	--	Q125 HP	21,660	846	--	686	724	20,630	--	16,900	15,480	20,320	21,970	22,570	5.563	--
5	21.40	21.32	0.437	4.126	4.001	--	USS140	22,340	877	--	735	805	21,390	--	18,930	17,340	21,080	22,780	24,240	5.563	--
5	21.40	21.32	0.437	4.126	4.001	--	USS V150	23,930	940	--	784	858	22,920	--	20,280	18,580	22,580	24,410	25,990	5.563	--
5	23.20	23.11	0.478	4.044	3.919	--	USS GT80S	13,830	543	--	513	510	13,380	--	10,810	9,910	13,140	14,130	14,820	5.563	5.375
5	23.20	23.11	0.478	4.044	3.919	--	L80	13,830	543	--	513	510	13,380	--	10,810	9,910	13,140	14,130	14,820	5.563	5.375
5	23.20	23.11	0.478	4.044	3.919	--	L80 HC	15,500	543	--	513	510	13,380	--	10,810	9,910	13,140	14,130	14,820	5.563	5.375
5	23.20	23.11	0.478	4.044	3.919	--	L80 HP	16,200	577	--	513	510	14,210	--	10,810	9,910	13,960	15,010	14,820	5.563	5.375
5	23.20	23.11	0.478	4.044	3.919	--	N80n	13,830	543	--	540	537	13,380	--	10,810	9,910	13,140	14,130	12,830	5.563	5.375
5	23.20	23.11	0.478	4.044	3.919	--	N80	13,830	543	--	540	537	13,380	--	10,810	9,910	13,140	14,130	15,600	5.563	5.375
5	23.20	23.11	0.478	4.044	3.919	--	N80 HC	16,340	543	--	540	537	13,380	--	10,810	9,910	13,140	14,130	15,600	5.563	5.375
5	23.20	23.11	0.478	4.044	3.919	--	N80 HP	17,760	645	--	567	537	15,880	--	10,810	9,910	15,600	16,780	16,500	5.563	5.375
5	23.20	23.11	0.478	4.044	3.919	--	C90	15,560	611	--	540	537	15,050	--	12,170	11,150	14,780	15,900	17,380	5.563	5.375

Dimensional & Grade Designators									TENSION					Internal Yield						Ductile Rupture	Outside Diameter	
Weight		NOM	NOM	API	Alternate	Collapse Resistance psi	Joint Strength, 1,000 lbs							API Historical			Lame' - Von Mises		Capped			
O D Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.		Drift in.	Product Grade	Yield Pipe Body	Threaded and Coupled			Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	End psi	Regular Coupling in.	Special Clr Coupling in.	
										STC	LTC	BTC ^a		STC psi	LTC psi	BTC psi						
5	23.20	23.11	0.478	4.044	3.919	--	USS C90	15,560	611	--	540	537	15,050	--	12,170	11,150	14,780	15,900	17,380	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	C95	16,430	645	--	567	563	15,880	--	12,840	11,770	15,600	16,780	16,500	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	T95	16,430	645	--	567	563	15,880	--	12,840	11,770	15,600	16,780	18,290	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	USS C95	16,430	645	--	567	563	15,880	--	12,840	11,770	15,600	16,780	18,290	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	USS C100	17,290	679	--	594	590	16,720	--	13,520	12,390	16,420	17,660	19,210	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	C110	19,020	747	--	--	--	18,390	--	--	--	18,070	19,430	21,060	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	P110 SR16	19,020	747	--	675	671	18,390	--	14,870	13,620	18,070	19,430	19,790	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	P110	19,020	747	--	675	671	18,390	--	14,870	13,620	18,070	19,430	21,940	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	P110 HC	21,230	747	--	675	671	18,390	--	14,870	13,620	18,070	19,430	21,940	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	P110 HP	22,810	849	--	702	671	20,900	--	14,870	13,620	20,530	22,080	22,990	5.563	5.375	
5	23.20	23.11	0.478	4.044	3.919	--	Q125	21,620	849	--	729	724	20,900	--	16,900	15,480	20,530	22,080	23,870	5.563	--	
5	23.20	23.11	0.478	4.044	3.919	--	Q125 HC	22,790	849	--	729	724	20,900	--	16,900	15,480	20,530	22,080	23,870	5.563	--	
5	23.20	23.11	0.478	4.044	3.919	--	Q125 HP	24,420	917	--	756	724	22,570	--	16,900	15,480	22,170	23,850	24,880	5.563	--	
5	23.20	23.11	0.478	4.044	3.919	--	USS140	24,210	951	--	810	805	23,410	--	18,930	17,340	22,990	24,730	26,720	5.563	--	
5	23.20	23.11	0.478	4.044	3.919	--	USS V150	25,940	1,019	--	864	858	25,080	--	20,280	18,580	24,640	26,500	28,650	5.563	--	
5	24.10	24.05	0.500	4.000	3.875	--	USS GT80S	14,400	566	--	538	510	14,020	--	10,810	9,910	13,740	14,720	15,590	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	L80	14,400	566	--	538	510	14,020	--	10,810	9,910	13,740	14,720	15,590	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	L80 HC	16,350	566	--	538	510	14,020	--	10,810	9,910	13,740	14,720	15,590	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	L80 HP	17,080	601	--	538	510	14,890	--	10,810	9,910	14,600	15,640	15,590	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	N80n	14,400	566	--	567	537	14,020	--	10,810	9,910	13,740	14,720	13,490	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	N80	14,400	566	--	567	537	14,020	--	10,810	9,910	13,740	14,720	16,410	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	N80 HC	17,250	566	--	567	537	14,020	--	10,810	9,910	13,740	14,720	16,410	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	N80 HP	18,740	672	--	582	537	16,640	--	10,810	9,910	16,320	17,480	17,360	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	C90	16,200	636	--	567	537	15,770	--	12,170	11,150	15,460	16,560	18,280	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	USS C90	16,200	636	--	567	537	15,770	--	12,170	11,150	15,460	16,560	18,280	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	C95	17,100	672	--	595	563	16,640	--	12,840	11,770	16,320	17,480	17,360	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	T95	17,100	672	--	595	563	16,640	--	12,840	11,770	16,320	17,480	19,250	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	USS C95	17,100	672	--	595	563	16,640	--	12,840	11,770	16,320	17,480	19,250	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	USS C100	18,000	707	--	623	590	17,520	--	13,520	12,390	17,180	18,400	20,210	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	C110	19,800	778	--	--	--	19,270	--	--	--	18,900	20,240	22,160	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	P110 SR16	19,800	778	--	708	671	19,270	--	14,870	13,620	18,900	20,240	20,820	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	P110	19,800	778	--	708	671	19,270	--	14,870	13,620	18,900	20,240	23,080	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	P110 HC	22,480	778	--	708	671	19,270	--	14,870	13,620	18,900	20,240	23,080	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	P110 HP	24,140	884	--	728	671	21,900	--	14,870	13,620	21,480	23,000	24,190	5.563	5.375	
5	24.10	24.05	0.500	4.000	3.875	--	Q125	22,500	884	--	765	724	21,900	--	16,900	15,480	21,480	23,000	25,120	5.563	--	
5	24.10	24.05	0.500	4.000	3.875	--	Q125 HC	24,150	884	--	765	724	21,900	--	16,900	15,480	21,480	23,000	25,120	5.563	--	
5	24.10	24.05	0.500	4.000	3.875	--	Q125 HP	25,880	954	--	786	724	23,650	--	16,900	15,480	23,190	24,840	26,180	5.563	--	
5	24.10	24.05	0.500	4.000	3.875	--	USS140	25,200	990	--	850	805	24,530	--	18,930	17,340	24,050	25,760	28,120	5.563	--	
5	24.10	24.05	0.500	4.000	3.875	--	USS V150	27,000	1,060	--	907	858	26,280	--	20,280	18,580	25,770	27,600	30,150	5.563	--	

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade	Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling			
	T&C lb/ft	P E lb/ft						Yield Pipe Body		Threaded and Coupled			STC psi	LTC psi	BTC psi							
5	26.70	26.66	0.562	3.876	3.751	--	C90	17,950	705	--	582	537	17,710	--	12,170	11,150	17,280	18,390	20,770	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	USS C90	17,950	705	--	582	537	17,710	--	12,170	11,150	17,280	18,390	20,770	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	C95	18,950	744	--	611	563	18,700	--	12,840	11,770	18,240	19,420	19,690	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	T95	18,950	744	--	611	563	18,700	--	12,840	11,770	18,240	19,420	21,860	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	USS C95	18,950	744	--	611	563	18,700	--	12,840	11,770	18,240	19,420	21,860	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	USS C100	19,950	784	--	640	590	19,680	--	13,520	12,390	19,200	20,440	22,960	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	C110	21,940	862	--	--	--	21,650	--	--	--	21,120	22,480	25,170	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	P110 SR16	21,940	862	--	728	671	21,650	--	14,870	13,620	21,120	22,480	23,620	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	P110	21,940	862	--	728	671	21,650	--	14,870	13,620	21,120	22,480	26,220	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	P110 HC	25,940	862	--	728	671	21,650	--	14,870	13,620	21,120	22,480	26,220	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	P110 HP	27,850	980	--	728	671	24,600	--	14,870	13,620	24,000	25,550	27,470	5.563	5.375	
5	26.70	26.66	0.562	3.876	3.751	--	Q125	24,930	980	--	786	724	24,600	--	16,900	15,480	24,000	25,550	28,530	5.563	--	
5	26.70	26.66	0.562	3.876	3.751	--	Q125 HC	27,940	980	--	786	724	24,600	--	16,900	15,480	24,000	25,550	28,530	5.563	--	
5	26.70	26.66	0.562	3.876	3.751	--	Q125 HP	29,920	1,058	--	786	724	26,570	--	16,900	15,480	25,920	27,590	29,740	5.563	--	
5	26.70	26.66	0.562	3.876	3.751	--	USS140	27,930	1,097	--	873	805	27,550	--	18,930	17,340	26,880	28,610	31,940	5.563	--	
5	26.70	26.66	0.562	3.876	3.751	--	USS V150	29,920	1,175	--	931	858	29,520	--	20,280	18,580	28,800	30,660	34,240	5.563	--	
5 1/2	14.00	13.71	0.244	5.012	4.887	--	H40	2,620	161	130	--	--	3,110	3,110	--	--	3,100	3,440	3,400	6.050	--	
5 1/2	14.00	13.71	0.244	5.012	4.887	--	J55	3,120	222	172	--	--	4,280	4,280	--	--	4,260	4,730	4,280	6.050	--	
5 1/2	14.00	13.71	0.244	5.012	4.887	--	K55	3,120	222	189	--	--	4,280	4,280	--	--	4,260	4,730	5,420	6.050	--	
5 1/2	14.00	13.71	0.244	5.012	4.887	--	USS FS80	4,640	302	228	--	--	5,840	5,840	--	--	5,810	6,450	6,610	6.050	5.875	
5 1/2	15.50	15.36	0.275	4.950	4.825	--	J55	4,040	248	202	217	300	4,820	4,820	4,820	4,820	4,800	5,300	4,840	6.050	5.875	
5 1/2	15.50	15.36	0.275	4.950	4.825	--	K55	4,040	248	222	239	366	4,820	4,820	4,820	4,820	4,800	5,300	6,130	6.050	5.875	
5 1/2	15.50	15.36	0.275	4.950	4.825	--	USS FS80	5,970	339	268	288	385	6,570	6,570	6,570	6,570	6,540	7,230	7,470	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	J55	4,910	273	229	247	329	5,320	5,320	5,320	5,320	5,290	5,830	5,360	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	K55	4,910	273	252	272	402	5,320	5,320	5,320	5,320	5,290	5,830	6,780	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	USS FS80	7,200	372	304	327	423	7,250	7,250	7,250	7,250	7,210	7,950	8,280	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	USS GT80S	6,290	397	--	338	428	7,740	--	7,740	7,740	7,690	8,480	8,300	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	L80	6,290	397	--	338	428	7,740	--	7,740	7,740	7,690	8,480	8,300	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	L80 HC	7,200	397	--	338	428	7,740	--	7,740	7,740	7,690	8,480	8,300	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	L80 HP	7,680	422	--	338	433	8,220	--	8,220	8,220	8,170	9,010	8,300	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	N80n	6,290	397	--	348	446	7,740	--	7,740	7,740	7,690	8,480	7,230	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	N80	6,290	397	--	348	446	7,740	--	7,740	7,740	7,690	8,480	8,740	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	N80 HC	7,470	397	--	348	446	7,740	--	7,740	7,740	7,690	8,480	8,740	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	N80 HP	8,120	471	--	374	480	9,190	--	9,190	8,990	9,130	10,070	9,240	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	C90	6,740	447	--	356	456	8,710	--	8,710	8,710	8,650	9,540	9,700	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	USS C90	6,740	447	--	356	456	8,710	--	8,710	8,710	8,650	9,540	9,700	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	C95	6,940	471	--	374	480	9,190	--	9,190	9,190	9,130	10,070	9,240	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	T95	6,940	471	--	374	480	9,190	--	9,190	9,190	9,130	10,070	10,210	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	USS C95	6,940	471	--	374	480	9,190	--	9,190	9,190	9,130	10,070	10,210	6.050	5.875	

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade	Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.			
	T&C lb/ft	P E lb/ft						Yield Pipe Body		Threaded and Coupled			STC psi	LTC psi	BTC psi							
5 1/2	17.00	16.89	0.304	4.892	4.767	--	USS C100	7,140	496	--	392	503	9,670	--	9,670	9,670	9,620	10,600	10,730	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	C110	7,480	546	--	--	--	10,640	--	--	--	10,580	11,660	11,760	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	P110 SR16	7,480	546	--	445	568	10,640	--	10,640	10,640	10,580	11,660	11,090	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	P110	7,480	546	--	445	568	10,640	--	10,640	10,640	10,580	11,660	12,250	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	P110 HC	8,730	546	--	445	568	10,640	--	10,640	10,640	10,580	11,660	12,250	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	P110 HP	9,440	620	--	463	601	12,090	--	12,090	12,090	12,020	13,260	12,840	6.050	5.875	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	Q125	7,890	620	--	481	620	12,090	--	12,090	12,090	12,020	13,260	13,330	6.050	--	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	Q125 HC	9,050	620	--	481	620	12,090	--	12,090	12,090	12,020	13,260	13,330	6.050	--	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	Q125 HP	9,780	670	--	498	648	13,060	--	13,060	13,060	12,980	14,320	13,890	6.050	--	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	USS140	8,180	695	--	534	690	13,540	--	13,540	13,540	13,460	14,850	14,920	6.050	--	
5 1/2	17.00	16.89	0.304	4.892	4.767	--	USS V150	8,290	744	--	570	736	14,510	--	14,510	14,510	14,420	15,910	16,000	6.050	--	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	USS GT80S	8,830	466	--	416	503	9,190	--	9,190	8,990	9,120	9,980	9,940	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	L80	8,830	466	--	416	503	9,190	--	9,190	8,990	9,120	9,980	9,940	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	L80 HC	9,490	466	--	416	503	9,190	--	9,190	8,990	9,120	9,980	9,940	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	L80 HP	10,020	495	--	416	509	9,770	--	9,770	8,990	9,690	10,600	9,940	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	N80n	8,830	466	--	428	524	9,190	--	9,190	8,990	9,120	9,980	8,650	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	N80	8,830	466	--	428	524	9,190	--	9,190	8,990	9,120	9,980	10,470	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	N80 HC	9,920	466	--	428	524	9,190	--	9,190	8,990	9,120	9,980	10,470	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	N80 HP	10,790	554	--	460	563	10,920	--	9,880	8,990	10,830	11,850	11,070	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	C90	9,630	525	--	438	536	10,340	--	10,340	10,120	10,260	11,230	11,630	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	USS C90	9,630	525	--	438	536	10,340	--	10,340	10,120	10,260	11,230	11,630	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	C95	10,020	554	--	460	563	10,920	--	10,920	10,680	10,830	11,850	11,070	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	T95	10,020	554	--	460	563	10,920	--	10,920	10,680	10,830	11,850	12,240	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	USS C95	10,020	554	--	460	563	10,920	--	10,920	10,680	10,830	11,850	12,240	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	USS C100	10,390	583	--	482	591	11,490	--	11,490	11,240	11,390	12,470	12,860	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	C110	11,100	641	--	--	--	12,640	--	--	--	12,530	13,720	14,100	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	P110 SR16	11,100	641	--	548	667	12,640	--	12,640	12,360	12,530	13,720	13,280	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	P110	11,100	641	--	548	667	12,640	--	12,640	12,360	12,530	13,720	14,690	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	P110 HC	12,200	641	--	548	667	12,640	--	12,640	12,360	12,530	13,720	14,690	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	P110 HP	13,150	729	--	570	706	14,360	--	13,580	12,360	14,240	15,590	15,390	6.050	5.875	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	Q125	12,080	729	--	592	728	14,360	--	14,360	14,050	14,240	15,590	15,980	6.050	--	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	Q125 HC	12,830	729	--	592	728	14,360	--	14,360	14,050	14,240	15,590	15,980	6.050	--	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	Q125 HP	13,820	787	--	614	761	15,510	--	15,430	14,050	15,380	16,840	16,650	6.050	--	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	USS140	12,950	816	--	657	810	16,090	--	16,090	15,740	15,950	17,460	17,890	6.050	--	
5 1/2	20.00	19.83	0.361	4.778	4.653	--	USS V150	13,460	874	--	701	865	17,240	--	17,240	16,860	17,090	18,710	19,180	6.050	--	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	USS GT80S	11,160	530	--	489	550	10,560	--	9,880	8,990	10,440	11,370	11,510	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	L80	11,160	530	--	489	550	10,560	--	9,880	8,990	10,440	11,370	11,510	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	L80 HC	11,530	530	--	489	550	10,560	--	9,880	8,990	10,440	11,370	11,510	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	L80 HP	12,110	564	--	489	550	11,220	--	9,880	8,990	11,100	12,080	11,510	6.050	5.875	

Dimensional & Grade Designators									TENSION					Internal Yield						Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade	Collapse Resistance psi	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Lame' - Von Mises		Rupture			
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Body psi	STC psi	LTC psi	BTC psi	Open End psi	Capped End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.			
5 1/2	23.00	22.56	0.415	4.670	4.545	--	N80n		11,160	530	--	502	579	10,560	--	9,880	8,990	10,440	11,370	10,000	6.050	5.875
5 1/2	23.00	22.56	0.415	4.670	4.545	--	N80	11,160	530	--	502	579	10,560	--	9,880	8,990	10,440	11,370	12,120	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	N80 HC	12,110	530	--	502	579	10,560	--	9,880	8,990	10,440	11,370	12,120	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	N80 HP	13,160	630	--	540	579	12,540	--	9,880	8,990	12,400	13,500	12,820	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	C90	12,380	597	--	514	579	11,880	--	11,110	10,120	11,750	12,790	13,480	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	USS C90	12,380	597	--	514	579	11,880	--	11,110	10,120	11,750	12,790	13,480	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	C95	12,930	630	--	540	608	12,540	--	11,730	10,680	12,400	13,500	12,820	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	T95	12,930	630	--	540	608	12,540	--	11,730	10,680	12,400	13,500	14,180	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	USS C95	12,930	630	--	540	608	12,540	--	11,730	10,680	12,400	13,500	14,180	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	USS C100	13,480	663	--	566	637	13,200	--	12,350	11,240	13,050	14,210	14,900	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	C110	14,540	729	--	--	--	14,520	--	--	--	14,360	15,630	16,330	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	P110 SR16	14,540	729	--	643	724	14,520	--	13,580	12,360	14,360	15,630	15,370	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	P110	14,540	729	--	643	724	14,520	--	13,580	12,360	14,360	15,630	17,010	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	P110 HC	15,310	729	--	643	724	14,520	--	13,580	12,360	14,360	15,630	17,010	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	P110 HP	16,470	829	--	669	724	16,500	--	13,580	12,360	16,320	17,760	17,830	6.050	5.875	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	Q125	16,060	829	--	694	782	16,500	--	15,430	14,050	16,320	17,760	18,510	6.050	--	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	Q125 HC	16,270	829	--	694	782	16,500	--	15,430	14,050	16,320	17,760	18,510	6.050	--	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	Q125 HP	17,470	895	--	720	782	17,820	--	15,430	14,050	17,620	19,180	19,290	6.050	--	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	USS140	17,500	928	--	771	869	18,480	--	17,290	15,740	18,280	19,890	20,720	6.050	--	
5 1/2	23.00	22.56	0.415	4.670	4.545	--	USS V150	18,390	995	--	823	927	19,800	--	18,520	16,860	19,580	21,310	22,220	6.050	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	C90	14,880	707	--	--	--	14,330	--	--	--	14,100	15,190	16,490	--	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	USS C90	14,880	707	--	--	--	14,330	--	--	--	14,100	15,190	16,490	--	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	T95	15,700	746	--	--	--	15,130	--	--	--	14,890	16,030	17,350	--	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	USS C95	15,700	746	--	--	--	15,130	--	--	--	14,890	16,030	17,350	--	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	USS C100	16,530	785	--	--	--	15,930	--	--	--	15,670	16,870	18,230	--	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	C110	18,180	864	--	--	--	17,520	--	--	--	17,240	18,560	19,980	--	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	P110 SR16	18,180	864	--	788	724	17,520	--	13,580	12,360	17,240	18,560	18,790	6.050	5.875	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	P110	18,180	864	--	788	724	17,520	--	13,580	12,360	17,240	18,560	20,820	6.050	5.875	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	P110 HC	19,890	864	--	788	724	17,520	--	13,580	12,360	17,240	18,560	20,820	6.050	5.875	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	P110 HP	21,370	982	--	791	724	19,910	--	13,580	12,360	19,590	21,090	21,810	6.050	5.875	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	Q125	20,660	982	--	851	782	19,910	--	15,430	14,050	19,590	21,090	22,650	6.050	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	Q125 HC	21,320	982	--	851	782	19,910	--	15,430	14,050	19,590	21,090	22,650	6.050	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	Q125 HP	22,850	1,060	--	854	782	21,500	--	15,430	14,050	21,160	22,780	23,610	6.050	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	USS140	23,140	1,100	--	946	869	22,300	--	17,290	15,740	21,940	23,620	25,360	6.050	--	
5 1/2	26.80	26.73	0.500	4.500	4.375	--	USS V150	24,790	1,178	--	1,009	927	23,890	--	18,520	16,860	23,510	25,310	27,180	6.050	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	C90	16,510	785	--	--	--	16,100	--	--	--	15,780	16,890	18,710	--	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	USS C90	16,510	785	--	--	--	16,100	--	--	--	15,780	16,890	18,710	--	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	T95	17,430	828	--	--	--	17,000	--	--	--	16,650	17,820	19,690	--	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	USS C95	17,430	828	--	--	--	17,000	--	--	--	16,650	17,820	19,690	--	--	

Dimensional & Grade Designators									TENSION					Internal Yield						Ductile	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Collapse Resistance psi	Joint Strength, 1,000 lbs						API Historical			Lame' - Von Mises		Rupture			
Size	T&C	P E	Wall	I D	Drift	Drift		Product	Yield	Threaded and Coupled			Pipe	Threaded & Coupled			Open	Capped	Capped	Regular	Special Clr	
in.	lb/ft	lb/ft	in.	in.	in.	in.		Grade	Pipe Body	STC	LTC	BTC ^a	Body psi	STC psi	LTC psi	BTC psi	End psi	End psi	End psi	Coupling in.	Coupling in.	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	USS C100	18,340	872	--	--	--	17,890	--	--	--	17,530	18,760	20,680	--	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	C110	20,180	959	--	--	--	19,680	--	--	--	19,280	20,640	22,670	--	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	P110 SR16	20,180	959	--	791	724	19,680	--	13,580	12,360	19,280	20,640	21,290	6.050	5.875	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	P110	20,180	959	--	791	724	19,680	--	13,580	12,360	19,280	20,640	23,620	6.050	5.875	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	P110 HC	23,090	959	--	791	724	19,680	--	13,580	12,360	19,280	20,640	23,620	6.050	5.875	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	P110 HP	24,800	1,090	--	791	724	22,360	--	13,580	12,360	21,910	23,450	24,750	6.050	5.875	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	Q125	22,930	1,090	--	854	782	22,360	--	15,430	14,050	21,910	23,450	25,700	6.050	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	Q125 HC	24,830	1,090	--	854	782	22,360	--	15,430	14,050	21,910	23,450	25,700	6.050	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	Q125 HP	26,600	1,177	--	854	782	24,150	--	15,430	14,050	23,660	25,330	26,780	6.050	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	USS140	25,680	1,221	--	949	869	25,050	--	17,290	15,740	24,540	26,270	28,770	6.050	--	
5 1/2	29.70	29.67	0.562	4.376	4.251	--	USS V150	27,510	1,308	--	1,012	927	26,840	--	18,520	16,860	26,290	28,140	30,840	6.050	--	
5 1/2	32.60	32.57	0.625	4.250	4.125	--	C90	18,130	861	--	--	--	17,900	--	--	--	17,460	18,570	21,010	--	--	
5 1/2	32.60	32.57	0.625	4.250	4.125	--	USS C90	18,130	861	--	--	--	17,900	--	--	--	17,460	18,570	21,010	--	--	
5 1/2	32.60	32.57	0.625	4.250	4.125	--	T95	19,140	909	--	--	--	18,900	--	--	--	18,430	19,610	22,120	--	--	
5 1/2	32.60	32.57	0.625	4.250	4.125	--	USS C95	19,140	909	--	--	--	18,900	--	--	--	18,430	19,610	22,120	--	--	
5 1/2	32.60	32.57	0.625	4.250	4.125	--	USS C100	20,140	957	--	--	--	19,890	--	--	--	19,400	20,640	23,230	--	--	
5 1/2	32.60	32.57	0.625	4.250	4.125	--	C110	22,160	1,053	--	--	--	21,880	--	--	--	21,330	22,700	25,470	--	--	
5 1/2	35.30	35.35	0.687	4.126	4.001	--	C90	19,680	935	--	--	--	19,670	--	--	--	19,080	20,190	23,330	--	--	
5 1/2	35.30	35.35	0.687	4.126	4.001	--	USS C90	19,680	935	--	--	--	19,670	--	--	--	19,080	20,190	23,330	--	--	
5 1/2	35.30	35.35	0.687	4.126	4.001	--	T95	20,770	987	--	--	--	20,760	--	--	--	20,140	21,320	24,550	--	--	
5 1/2	35.30	35.35	0.687	4.126	4.001	--	USS C95	20,770	987	--	--	--	20,760	--	--	--	20,140	21,320	24,550	--	--	
5 1/2	35.30	35.35	0.687	4.126	4.001	--	USS C100	21,850	1,039	--	--	--	21,850	--	--	--	21,200	22,440	25,790	--	--	
5 1/2	35.30	35.35	0.687	4.126	4.001	--	C110	24,040	1,143	--	--	--	24,040	--	--	--	23,320	24,680	28,270	--	--	
5 1/2	38.00	38.08	0.750	4.000	3.875	--	C90	21,200	1,007	--	--	--	21,470	--	--	--	20,700	21,800	25,730	--	--	
5 1/2	38.00	38.08	0.750	4.000	3.875	--	USS C90	21,200	1,007	--	--	--	21,470	--	--	--	20,700	21,800	25,730	--	--	
5 1/2	38.00	38.08	0.750	4.000	3.875	--	T95	22,380	1,063	--	--	--	22,660	--	--	--	21,850	23,010	27,080	--	--	
5 1/2	38.00	38.08	0.750	4.000	3.875	--	USS C95	22,380	1,063	--	--	--	22,660	--	--	--	21,850	23,010	27,080	--	--	
5 1/2	38.00	38.08	0.750	4.000	3.875	--	USS C100	23,560	1,119	--	--	--	23,850	--	--	--	23,000	24,220	28,440	--	--	
5 1/2	38.00	38.08	0.750	4.000	3.875	--	C110	25,920	1,231	--	--	--	26,240	--	--	--	25,310	26,640	31,190	--	--	
5 1/2	40.50	40.69	0.812	3.876	3.751	--	C90	22,650	1,076	--	--	--	23,270	--	--	--	22,300	23,340	28,190	--	--	
5 1/2	40.50	40.69	0.812	3.876	3.751	--	USS C90	22,650	1,076	--	--	--	23,270	--	--	--	22,300	23,340	28,190	--	--	
5 1/2	40.50	40.69	0.812	3.876	3.751	--	T95	23,910	1,136	--	--	--	24,560	--	--	--	23,540	24,630	29,670	--	--	
5 1/2	40.50	40.69	0.812	3.876	3.751	--	USS C95	23,910	1,136	--	--	--	24,560	--	--	--	23,540	24,630	29,670	--	--	
5 1/2	40.50	40.69	0.812	3.876	3.751	--	USS C100	25,180	1,196	--	--	--	25,850	--	--	--	24,780	25,930	31,160	--	--	
5 1/2	40.50	40.69	0.812	3.876	3.751	--	C110	27,700	1,315	--	--	--	28,440	--	--	--	27,250	28,520	34,170	--	--	
5 1/2	43.10	43.26	0.875	3.750	3.625	--	C90	24,080	1,144	--	--	--	25,070	--	--	--	23,860	24,860	30,700	--	--	
5 1/2	43.10	43.26	0.875	3.750	3.625	--	USS C90	24,080	1,144	--	--	--	25,070	--	--	--	23,860	24,860	30,700	--	--	
5 1/2	43.10	43.26	0.875	3.750	3.625	--	T95	25,420	1,208	--	--	--	26,460	--	--	--	25,190	26,240	32,310	--	--	
5 1/2	43.10	43.26	0.875	3.750	3.625	--	USS C95	25,420	1,208	--	--	--	26,460	--	--	--	25,190	26,240	32,310	--	--	

Dimensional & Grade Designators									TENSION				Internal Yield						Ductile	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Collapse Resistance psi	API Historical					Lame' - Von Mises		Rupture						
Size	T&C	P E	Wall	I D	Drift	Drift		Product	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	Capped	Regular	Special Clr
in.	lb/ft	lb/ft	in.	in.	in.	in.		Grade	Yield	Threaded and Coupled			Body	STC	LTC	BTC	End	End	End	Coupling	Coupling
								Pipe Body	STC	LTC	BTC ^a	psi	psi	psi	psi	psi	psi	psi	in.	in.	
5 1/2	43.10	43.26	0.875	3.750	3.625	--	USS C100	26,740	1,271	--	--	--	27,850	--	--	--	26,510	27,620	33,940	--	--
5 1/2	43.10	43.26	0.875	3.750	3.625	--	C110	29,420	1,399	--	--	--	30,640	--	--	--	29,160	30,390	37,210	--	--
6 5/8	20.00	19.51	0.288	6.049	5.924	--	H40	2,520	229	184	--	--	3,040	3,040	--	--	3,030	3,370	3,320	7.390	--
6 5/8	20.00	19.51	0.288	6.049	5.924	--	J55	2,970	315	245	266	374	4,180	4,180	4,180	4,180	4,170	4,640	4,180	7.390	7
6 5/8	20.00	19.51	0.288	6.049	5.924	--	K55	2,970	315	267	290	453	4,180	4,180	4,180	4,180	4,170	4,640	5,290	7.390	7
6 5/8	20.00	19.51	0.288	6.049	5.924	--	USS FS80	4,430	430	326	353	482	5,710	5,710	5,710	5,710	5,680	6,320	6,450	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	J55	4,560	382	314	340	453	5,110	5,110	5,110	5,110	5,090	5,620	5,140	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	K55	4,560	382	342	372	548	5,110	5,110	5,110	5,110	5,090	5,620	6,510	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	USS FS80	6,710	520	417	453	583	6,970	6,970	6,970	6,970	6,940	7,660	7,950	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	USS GT80S	5,760	555	--	473	592	7,440	--	7,440	7,440	7,400	8,170	7,970	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	L80	5,760	555	--	473	592	7,440	--	7,440	7,440	7,400	8,170	7,970	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	L80 HC	6,710	555	--	473	592	7,440	--	7,440	7,440	7,400	8,170	7,970	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	L80 HP	7,170	590	--	493	600	7,900	--	7,900	7,900	7,860	8,680	7,970	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	N80n	5,760	555	--	481	615	7,440	--	7,440	7,440	7,400	8,170	6,940	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	N80	5,760	555	--	481	615	7,440	--	7,440	7,440	7,400	8,170	8,390	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	N80 HC	6,940	555	--	481	615	7,440	--	7,440	7,440	7,400	8,170	8,390	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	N80 HP	7,540	659	--	546	665	8,830	--	8,830	8,830	8,780	9,700	8,870	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	C90	6,140	624	--	520	633	8,370	--	8,370	8,370	8,320	9,190	9,310	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	USS C90	6,140	624	--	520	633	8,370	--	8,370	8,370	8,320	9,190	9,310	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	C95	6,310	659	--	546	665	8,830	--	8,830	8,830	8,780	9,700	8,870	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	T95	6,310	659	--	546	665	8,830	--	8,830	8,830	8,780	9,700	9,800	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	USS C95	6,310	659	--	546	665	8,830	--	8,830	8,830	8,780	9,700	9,800	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	USS C100	6,460	694	--	572	698	9,300	--	9,300	9,300	9,250	10,210	10,290	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	C110	6,730	763	--	--	--	10,230	--	--	--	10,170	11,230	11,280	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	P110 SR16	6,730	763	--	641	786	10,230	--	10,230	10,230	10,170	11,230	10,640	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	P110	6,730	763	--	641	786	10,230	--	10,230	10,230	10,170	11,230	11,750	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	P110 HC	8,010	763	--	641	786	10,230	--	10,230	10,230	10,170	11,230	11,750	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	P110 HP	8,670	867	--	676	836	11,620	--	11,620	11,620	11,560	12,770	12,320	7.390	7
6 5/8	24.00	23.60	0.352	5.921	5.796	--	Q125	7,020	867	--	702	860	11,620	--	11,620	11,620	11,560	12,770	12,790	7.390	--
6 5/8	24.00	23.60	0.352	5.921	5.796	--	Q125 HC	8,270	867	--	702	860	11,620	--	11,620	11,620	11,560	12,770	12,790	7.390	--
6 5/8	24.00	23.60	0.352	5.921	5.796	--	Q125 HP	8,950	936	--	728	901	12,550	--	12,550	12,550	12,480	13,790	13,330	7.390	--
6 5/8	24.00	23.60	0.352	5.921	5.796	--	USS140	7,190	971	--	779	958	13,020	--	13,020	13,020	12,950	14,300	14,320	7.390	--
6 5/8	24.00	23.60	0.352	5.921	5.796	--	USS V150	7,340	1,041	--	831	1,023	13,950	--	13,950	13,950	13,870	15,320	15,350	7.390	--
6 5/8	28.00	27.67	0.417	5.791	5.666	--	USS GT80S	8,170	651	--	576	693	8,820	--	8,820	8,820	8,750	9,590	9,510	7.390	7
6 5/8	28.00	27.67	0.417	5.791	5.666	--	L80	8,170	651	--	576	693	8,820	--	8,820	8,820	8,750	9,590	9,510	7.390	7
6 5/8	28.00	27.67	0.417	5.791	5.666	--	L80 HC	8,910	651	--	576	693	8,820	--	8,820	8,820	8,750	9,590	9,510	7.390	7
6 5/8	28.00	27.67	0.417	5.791	5.666	--	L80 HP	9,430	691	--	601	704	9,370	--	9,370	9,370	9,290	10,190	9,510	7.390	7
6 5/8	28.00	27.67	0.417	5.791	5.666	--	N80n	8,170	651	--	586	721	8,820	--	8,820	8,820	8,750	9,590	8,280	7.390	7
6 5/8	28.00	27.67	0.417	5.791	5.666	--	N80	8,170	651	--	586	721	8,820	--	8,820	8,820	8,750	9,590	10,020	7.390	7

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				Internal Yield				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	End psi	End psi		Regular Coupling in.	Special Clr Coupling in.
Size	T&C	P E	Wall	I D	Drift	Drift		Yield		Threaded and Coupled			Body	STC	LTC	BTC	End			End		
in.	lb/ft	lb/ft	in.	in.	in.	in.		Pipe Body		STC	LTC	BTC ^a	psi	psi	psi	psi	psi			psi		
6 5/8	28.00	27.67	0.417	5.791	5.666	--	N80 HC	9,300	651	--	586	721	8,820	--	8,820	8,820	8,750	9,590	10,020	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	N80 HP	10,110	773	--	665	780	10,470	--	10,470	9,820	10,390	11,390	10,600	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	C90	8,880	732	--	633	742	9,920	--	9,920	9,920	9,840	10,790	11,130	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	USS C90	8,880	732	--	633	742	9,920	--	9,920	9,920	9,840	10,790	11,130	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	C95	9,220	773	--	665	780	10,470	--	10,470	10,470	10,390	11,390	10,600	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	T95	9,220	773	--	665	780	10,470	--	10,470	10,470	10,390	11,390	11,710	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	USS C95	9,220	773	--	665	780	10,470	--	10,470	10,470	10,390	11,390	11,710	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	USS C100	9,540	813	--	697	818	11,020	--	11,020	11,020	10,930	11,990	12,300	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	C110	10,160	895	--	--	--	12,120	--	--	--	12,030	13,190	13,490	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	P110 SR16	10,160	895	--	781	922	12,120	--	12,120	12,120	12,030	13,190	12,710	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	P110	10,160	895	--	781	922	12,120	--	12,120	12,120	12,030	13,190	14,050	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	P110 HC	11,310	895	--	781	922	12,120	--	12,120	12,120	12,030	13,190	14,050	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	P110 HP	12,200	1,017	--	823	980	13,770	--	13,770	13,500	13,670	14,990	14,720	7.390	7	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	Q125	10,990	1,017	--	855	1,008	13,770	--	13,770	13,770	13,670	14,990	15,290	7.390	--	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	Q125 HC	11,860	1,017	--	855	1,008	13,770	--	13,770	13,770	13,670	14,990	15,290	7.390	--	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	Q125 HP	12,780	1,098	--	887	1,057	14,880	--	14,880	14,880	14,760	16,190	15,930	7.390	--	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	USS140	11,710	1,139	--	950	1,123	15,430	--	15,430	15,430	15,310	16,790	17,110	7.390	--	
6 5/8	28.00	27.67	0.417	5.791	5.666	--	USS V150	12,120	1,220	--	1,013	1,199	16,530	--	16,530	16,530	16,400	17,990	18,350	7.390	--	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	USS GT80S	10,320	734	--	666	783	10,050	--	10,050	9,820	9,950	10,840	10,920	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	L80	10,320	734	--	666	783	10,050	--	10,050	9,820	9,950	10,840	10,920	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	L80 HC	10,760	734	--	666	783	10,050	--	10,050	9,820	9,950	10,840	10,920	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	L80 HP	11,320	780	--	695	794	10,670	--	10,670	9,820	10,570	11,520	10,920	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	N80n	10,320	734	--	677	814	10,050	--	10,050	9,820	9,950	10,840	9,490	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	N80	10,320	734	--	677	814	10,050	--	10,050	9,820	9,950	10,840	11,500	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	N80 HC	11,280	734	--	677	814	10,050	--	10,050	9,820	9,950	10,840	11,500	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	N80 HP	12,270	872	--	769	880	11,930	--	10,670	9,820	11,810	12,870	12,160	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	C90	11,330	826	--	732	837	11,300	--	11,300	11,050	11,190	12,190	12,780	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	USS C90	11,330	826	--	732	837	11,300	--	11,300	11,050	11,190	12,190	12,780	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	C95	11,820	872	--	769	880	11,930	--	11,930	11,660	11,810	12,870	12,160	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	T95	11,820	872	--	769	880	11,930	--	11,930	11,660	11,810	12,870	13,450	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	USS C95	11,820	872	--	769	880	11,930	--	11,930	11,660	11,810	12,870	13,450	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	USS C100	12,290	918	--	806	923	12,560	--	12,560	12,270	12,430	13,550	14,130	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	C110	13,220	1,009	--	--	--	13,810	--	--	--	13,680	14,900	15,490	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	P110 SR16	13,220	1,009	--	904	1,040	13,810	--	13,810	13,500	13,680	14,900	14,590	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	P110	13,220	1,009	--	904	1,040	13,810	--	13,810	13,500	13,680	14,900	16,140	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	P110 HC	14,140	1,009	--	904	1,040	13,810	--	13,810	13,500	13,680	14,900	16,140	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	P110 HP	15,220	1,147	--	952	1,106	15,700	--	14,680	13,500	15,540	16,940	16,910	7.390	7	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	Q125	14,540	1,147	--	989	1,138	15,700	--	15,700	15,340	15,540	16,940	17,560	7.390	--	
6 5/8	32.00	31.23	0.475	5.675	5.550	--	Q125 HC	14,980	1,147	--	989	1,138	15,700	--	15,700	15,340	15,540	16,940	17,560	7.390	--	

Dimensional & Grade Designators									TENSION				Internal Yield						Ductile Rupture	Outside Diameter	
Weight		NOM	NOM	API	Alternate	Collapse Resistance psi	Joint Strength, 1,000 lbs						API Historical			Lame' - Von Mises		Capped End psi			
O D Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.		Drift in.	Product Grade	Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Pipe Body psi	Threaded & Coupled STC LTC BTC	Open End psi	Capped End psi	End psi	End psi	End psi		End psi		
6 5/8	32.00	31.23	0.475	5.675	5.550	--	Q125 HP	16,100	1,239	--	1,025	1,192	16,950	--	16,680	15,340	16,780	18,290	18,300	7.390	--
6 5/8	32.00	31.23	0.475	5.675	5.550	--	USS140	14,540	1,285	--	1,099	1,267	17,580	--	17,580	17,180	17,410	18,970	19,660	7.390	--
6 5/8	32.00	31.23	0.475	5.675	5.550	--	USS V150	14,540	1,377	--	1,172	1,353	18,840	--	18,840	18,410	18,650	20,320	21,070	7.390	--
7	17.00	16.72	0.231	6.538	6.413	--	H40	1,420	196	122	--	--	2,310	2,310	--	--	2,300	2,580	2,500	7.656	--
7	20.00	19.56	0.272	6.456	6.331	--	H40	1,970	230	176	--	--	2,720	2,720	--	--	2,710	3,030	2,960	7.656	--
7	20.00	19.56	0.272	6.456	6.331	--	J55	2,270	316	234	--	--	3,740	3,740	--	--	3,730	4,160	3,730	7.656	--
7	20.00	19.56	0.272	6.456	6.331	--	K55	2,270	316	254	--	--	3,740	3,740	--	--	3,730	4,160	4,720	7.656	--
7	20.00	19.56	0.272	6.456	6.331	--	USS FS80	3,380	431	311	--	--	5,100	5,100	--	--	5,090	5,680	5,750	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	J55	3,270	366	284	313	432	4,350	4,350	4,350	4,350	4,340	4,820	4,350	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	K55	3,270	366	309	341	522	4,350	4,350	4,350	4,350	4,340	4,820	5,510	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	USS FS80	4,850	499	378	416	557	5,940	5,940	5,940	5,940	5,910	6,580	6,720	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	USS GT80S	3,830	532	--	435	565	6,330	--	6,330	6,330	6,310	7,010	6,740	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	L80	3,830	532	--	435	565	6,330	--	6,330	6,330	6,310	7,010	6,740	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	L80 HC	4,850	532	--	435	565	6,330	--	6,330	6,330	6,310	7,010	6,740	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	L80 HP	5,260	566	--	453	574	6,730	--	6,730	6,730	6,700	7,450	6,740	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	N80n	3,830	532	--	442	588	6,330	--	6,330	6,330	6,310	7,010	5,870	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	N80	3,830	532	--	442	588	6,330	--	6,330	6,330	6,310	7,010	7,090	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	N80 HC	4,970	532	--	442	588	6,330	--	6,330	6,330	6,310	7,010	7,090	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	N80 HP	5,410	632	--	505	636	7,520	--	7,520	7,520	7,490	8,330	7,500	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	C90	4,030	599	--	479	605	7,120	--	7,120	7,120	7,090	7,890	7,870	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	USS C90	4,030	599	--	479	605	7,120	--	7,120	7,120	7,090	7,890	7,870	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	C95	4,140	632	--	505	636	7,520	--	7,520	7,520	7,490	8,330	7,500	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	T95	4,140	632	--	505	636	7,520	--	7,520	7,520	7,490	8,330	8,280	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	USS C95	4,140	632	--	505	636	7,520	--	7,520	7,520	7,490	8,330	8,280	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	USS C100	4,250	666	--	531	668	7,910	--	7,910	7,910	7,880	8,770	8,700	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	C110	4,440	732	--	--	--	8,710	--	--	--	8,670	9,640	9,540	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	P110 SR16	4,440	732	--	590	752	8,710	--	8,710	8,710	8,670	9,640	9,000	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	P110	4,440	732	--	590	752	8,710	--	8,710	8,710	8,670	9,640	9,940	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	P110 HC	5,470	732	--	590	752	8,710	--	8,710	8,710	8,670	9,640	9,940	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	P110 HP	5,930	832	--	630	801	9,890	--	9,890	9,890	9,850	10,960	10,410	7.656	7.375
7	23.00	22.65	0.317	6.366	6.241	6.250	Q125	4,650	832	--	655	823	9,890	--	9,890	9,890	9,850	10,960	10,810	7.656	--
7	23.00	22.65	0.317	6.366	6.241	6.250	Q125 HC	5,580	832	--	655	823	9,890	--	9,890	9,890	9,850	10,960	10,810	7.656	--
7	23.00	22.65	0.317	6.366	6.241	6.250	Q125 HP	6,050	899	--	679	863	10,680	--	10,680	10,680	10,640	11,840	11,270	7.656	--
7	23.00	22.65	0.317	6.366	6.241	6.250	USS140	4,760	932	--	727	917	11,080	--	11,080	11,080	11,040	12,270	12,100	7.656	--
7	23.00	22.65	0.317	6.366	6.241	6.250	USS V150	4,790	998	--	776	979	11,870	--	11,870	11,870	11,820	13,150	12,970	7.656	--
7	26.00	25.69	0.362	6.276	6.151	--	J55	4,330	415	334	367	490	4,980	4,980	4,980	4,980	4,960	5,470	5,000	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	K55	4,330	415	364	401	592	4,980	4,980	4,980	4,980	4,960	5,470	6,340	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	USS FS80	6,370	566	445	489	631	6,790	6,790	6,790	6,790	6,760	7,470	7,730	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	USS GT80S	5,410	604	--	511	641	7,250	--	7,250	7,250	7,210	7,960	7,750	7.656	7.375

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped		End psi	Regular
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Body psi	STC psi	LTC psi	BTC psi	End psi	End psi	Coupling in.	Coupling in.			
7	26.00	25.69	0.362	6.276	6.151	--	L80	5,410	604	--	511	641	7,250	--	7,250	7,250	7,210	7,960	7,750	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	L80 HC	6,370	604	--	511	641	7,250	--	7,250	7,250	7,210	7,960	7,750	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	L80 HP	6,830	642	--	533	651	7,700	--	7,700	7,700	7,660	8,460	7,750	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	N80n	5,410	604	--	519	667	7,250	--	7,250	7,250	7,210	7,960	6,760	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	N80	5,410	604	--	519	667	7,250	--	7,250	7,250	7,210	7,960	8,160	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	N80 HC	6,580	604	--	519	667	7,250	--	7,250	7,250	7,210	7,960	8,160	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	N80 HP	7,160	717	--	593	722	8,600	--	8,600	8,460	8,560	9,460	8,630	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	C90	5,740	679	--	563	687	8,150	--	8,150	8,150	8,110	8,960	9,060	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	USS C90	5,740	679	--	563	687	8,150	--	8,150	8,150	8,110	8,960	9,060	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	C95	5,890	717	--	593	722	8,600	--	8,600	8,600	8,560	9,460	8,630	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	T95	5,890	717	--	593	722	8,600	--	8,600	8,600	8,560	9,460	9,530	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	USS C95	5,890	717	--	593	722	8,600	--	8,600	8,600	8,560	9,460	9,530	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	USS C100	6,010	755	--	624	757	9,060	--	9,060	9,060	9,010	9,950	10,010	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	C110	6,230	830	--	--	--	9,960	--	--	--	9,910	10,950	10,980	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	P110 SR16	6,230	830	--	693	853	9,960	--	9,960	9,960	9,910	10,950	10,360	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	P110	6,230	830	--	693	853	9,960	--	9,960	9,960	9,910	10,950	11,440	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	P110 HC	7,540	830	--	693	853	9,960	--	9,960	9,960	9,910	10,950	11,440	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	P110 HP	8,160	944	--	741	908	11,320	--	11,320	11,320	11,260	12,440	11,980	7.656	7.375
7	26.00	25.69	0.362	6.276	6.151	--	Q125	6,450	944	--	769	934	11,320	--	11,320	11,320	11,260	12,440	12,440	7.656	--
7	26.00	25.69	0.362	6.276	6.151	--	Q125 HC	7,770	944	--	769	934	11,320	--	11,320	11,320	11,260	12,440	12,440	7.656	--
7	26.00	25.69	0.362	6.276	6.151	--	Q125 HP	8,400	1,019	--	798	979	12,230	--	12,230	12,230	12,160	13,440	12,970	7.656	--
7	26.00	25.69	0.362	6.276	6.151	--	USS140	6,690	1,057	--	855	1,040	12,680	--	12,680	12,680	12,610	13,940	13,930	7.656	--
7	26.00	25.69	0.362	6.276	6.151	--	USS V150	6,880	1,132	--	912	1,110	13,590	--	13,590	13,590	13,520	14,930	14,930	7.656	--
7	29.00	28.75	0.408	6.184	6.059	--	USS GT80S	7,030	676	--	587	718	8,160	--	8,160	8,160	8,110	8,920	8,770	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	L80	7,030	676	--	587	718	8,160	--	8,160	8,160	8,110	8,920	8,770	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	L80 HC	7,880	676	--	587	718	8,160	--	8,160	8,160	8,110	8,920	8,770	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	L80 HP	8,380	718	--	613	729	8,670	--	8,670	8,460	8,610	9,480	8,770	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	N80n	7,030	676	--	597	746	8,160	--	8,160	8,160	8,110	8,920	7,640	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	N80	7,030	676	--	597	746	8,160	--	8,160	8,160	8,110	8,920	9,240	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	N80 HC	8,200	676	--	597	746	8,160	--	8,160	8,160	8,110	8,920	9,240	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	N80 HP	8,910	803	--	683	808	9,690	--	9,240	8,460	9,630	10,590	9,770	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	C90	7,580	760	--	648	768	9,180	--	9,180	9,180	9,120	10,040	10,260	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	USS C90	7,580	760	--	648	768	9,180	--	9,180	9,180	9,120	10,040	10,260	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	C95	7,840	803	--	683	808	9,690	--	9,690	9,690	9,630	10,590	9,770	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	T95	7,840	803	--	683	808	9,690	--	9,690	9,690	9,630	10,590	10,800	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	USS C95	7,840	803	--	683	808	9,690	--	9,690	9,690	9,630	10,590	10,800	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	USS C100	8,080	845	--	717	847	10,200	--	10,200	10,200	10,130	11,150	11,340	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	C110	8,530	929	--	--	--	11,220	--	--	--	11,150	12,270	12,430	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	P110 SR16	8,530	929	--	797	955	11,220	--	11,220	11,220	11,150	12,270	11,720	7.656	7.375

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield				Lame' - Von Mises		Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	Rupture		
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Body psi	STC	LTC	BTC	End psi	End psi	End psi	End psi	Capped psi	Regular Coupling in.	Special Clr Coupling in.
7	29.00	28.75	0.408	6.184	6.059	--	P110	8,530	929	--	797	955	11,220	--	11,220	11,220	11,150	12,270	12,950	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	P110 HC	9,750	929	--	797	955	11,220	--	11,220	11,220	11,150	12,270	12,950	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	P110 HP	10,530	1,056	--	852	1,017	12,750	--	12,700	11,640	12,670	13,940	13,570	7.656	7.375
7	29.00	28.75	0.408	6.184	6.059	--	Q125	9,100	1,056	--	885	1,045	12,750	--	12,750	12,750	12,670	13,940	14,090	7.656	--
7	29.00	28.75	0.408	6.184	6.059	--	Q125 HC	10,150	1,056	--	885	1,045	12,750	--	12,750	12,750	12,670	13,940	14,090	7.656	--
7	29.00	28.75	0.408	6.184	6.059	--	Q125 HP	10,960	1,141	--	918	1,096	13,770	--	13,770	13,220	13,680	15,050	14,690	7.656	--
7	29.00	28.75	0.408	6.184	6.059	--	USS140	9,560	1,183	--	983	1,164	14,280	--	14,280	14,280	14,190	15,610	15,780	7.656	--
7	29.00	28.75	0.408	6.184	6.059	--	USS V150	9,790	1,267	--	1,049	1,243	15,300	--	15,300	15,300	15,200	16,730	16,910	7.656	--
7	32.00	31.70	0.453	6.094	5.969	6.000	USS GT80S	8,600	745	--	661	791	9,050	--	9,050	8,460	8,980	9,850	9,780	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	L80	8,600	745	--	661	791	9,050	--	9,050	8,460	8,980	9,850	9,780	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	L80 HC	9,290	745	--	661	791	9,050	--	9,050	8,460	8,980	9,850	9,780	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	L80 HP	9,820	792	--	690	804	9,620	--	9,240	8,460	9,540	10,460	9,780	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	N80n	8,600	745	--	672	823	9,050	--	9,050	8,460	8,980	9,850	8,510	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	N80	8,600	745	--	672	823	9,050	--	9,050	8,460	8,980	9,850	10,300	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	N80 HC	9,710	745	--	672	823	9,050	--	9,050	8,460	8,980	9,850	10,300	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	N80 HP	10,560	885	--	768	876	10,750	--	9,240	8,460	10,660	11,690	10,890	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	C90	9,380	839	--	729	847	10,180	--	10,180	9,520	10,100	11,080	11,440	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	USS C90	9,380	839	--	729	847	10,180	--	10,180	9,520	10,100	11,080	11,440	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	C95	9,740	885	--	768	891	10,750	--	10,750	10,050	10,660	11,690	10,890	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	T95	9,740	885	--	768	891	10,750	--	10,750	10,050	10,660	11,690	12,040	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	USS C95	9,740	885	--	768	891	10,750	--	10,750	10,050	10,660	11,690	12,040	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	USS C100	10,110	932	--	808	934	11,310	--	11,310	10,580	11,220	12,310	12,650	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	C110	10,780	1,025	--	--	--	12,450	--	--	--	12,340	13,540	13,870	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	P110 SR16	10,780	1,025	--	897	1,053	12,450	--	12,450	11,640	12,340	13,540	13,060	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	P110	10,780	1,025	--	897	1,053	12,450	--	12,450	11,640	12,340	13,540	14,450	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	P110 HC	11,890	1,025	--	897	1,053	12,450	--	12,450	11,640	12,340	13,540	14,450	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	P110 HP	12,830	1,165	--	959	1,096	14,140	--	12,700	11,640	14,030	15,390	15,140	7.656	7.375
7	32.00	31.70	0.453	6.094	5.969	6.000	Q125	11,720	1,165	--	996	1,152	14,140	--	14,140	13,220	14,030	15,390	15,720	7.656	--
7	32.00	31.70	0.453	6.094	5.969	6.000	Q125 HC	12,500	1,165	--	996	1,152	14,140	--	14,140	13,220	14,030	15,390	15,720	7.656	--
7	32.00	31.70	0.453	6.094	5.969	6.000	Q125 HP	13,460	1,258	--	1,033	1,183	15,270	--	14,430	13,220	15,150	16,620	16,380	7.656	--
7	32.00	31.70	0.453	6.094	5.969	6.000	USS140	12,540	1,304	--	1,107	1,283	15,840	--	15,840	14,810	15,710	17,230	17,600	7.656	--
7	32.00	31.70	0.453	6.094	5.969	6.000	USS V150	13,020	1,398	--	1,180	1,370	16,970	--	16,970	15,870	16,830	18,460	18,860	7.656	--
7	35.00	34.61	0.498	6.004	5.879	--	USS GT80S	10,180	814	--	734	833	9,970	--	9,240	8,460	9,870	10,760	10,830	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	L80	10,180	814	--	734	833	9,970	--	9,240	8,460	9,870	10,760	10,830	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	L80 HC	10,650	814	--	734	833	9,970	--	9,240	8,460	9,870	10,760	10,830	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	L80 HP	11,200	865	--	766	833	10,590	--	9,240	8,460	10,480	11,430	10,830	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	N80n	10,180	814	--	746	876	9,970	--	9,240	8,460	9,870	10,760	9,410	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	N80	10,180	814	--	746	876	9,970	--	9,240	8,460	9,870	10,760	11,400	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	N80 HC	11,160	814	--	746	876	9,970	--	9,240	8,460	9,870	10,760	11,400	7.656	7.375

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open	Capped		Regular Coupling in.	Special Clr Coupling in.
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	STC psi	LTC psi		BTC psi	End psi	End psi					
7	35.00	34.61	0.498	6.004	5.879	--	N80 HP	12,130	966	--	853	876	11,830	--	9,240	8,460	11,720	12,780	12,060	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	C90	11,170	915	--	809	876	11,210	--	10,390	9,520	11,100	12,110	12,670	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	USS C90	11,170	915	--	809	876	11,210	--	10,390	9,520	11,100	12,110	12,670	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	C95	11,650	966	--	853	920	11,830	--	10,970	10,050	11,720	12,780	12,060	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	T95	11,650	966	--	853	920	11,830	--	10,970	10,050	11,720	12,780	13,340	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	USS C95	11,650	966	--	853	920	11,830	--	10,970	10,050	11,720	12,780	13,340	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	USS C100	12,120	1,017	--	897	964	12,460	--	11,550	10,580	12,330	13,450	14,010	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	C110	13,030	1,119	--	--	--	13,700	--	--	--	13,570	14,800	15,360	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	P110 SR16	13,030	1,119	--	996	1,096	13,700	--	12,700	11,640	13,570	14,800	14,460	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	P110	13,030	1,119	--	996	1,096	13,700	--	12,700	11,640	13,570	14,800	16,000	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	P110 HC	13,960	1,119	--	996	1,096	13,700	--	12,700	11,640	13,570	14,800	16,000	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	P110 HP	15,040	1,272	--	1,065	1,096	15,570	--	12,700	11,640	15,420	16,810	16,760	7.656	7.375
7	35.00	34.61	0.498	6.004	5.879	--	Q125	14,310	1,272	--	1,106	1,183	15,570	--	14,430	13,220	15,420	16,810	17,410	7.656	--
7	35.00	34.61	0.498	6.004	5.879	--	Q125 HC	14,780	1,272	--	1,106	1,183	15,570	--	14,430	13,220	15,420	16,810	17,410	7.656	--
7	35.00	34.61	0.498	6.004	5.879	--	Q125 HP	15,890	1,373	--	1,147	1,183	16,820	--	14,430	13,220	16,650	18,160	18,140	7.656	--
7	35.00	34.61	0.498	6.004	5.879	--	USS140	15,490	1,424	--	1,229	1,315	17,440	--	16,170	14,810	17,270	18,830	19,490	7.656	--
7	35.00	34.61	0.498	6.004	5.879	--	USS V150	16,220	1,526	--	1,311	1,402	18,690	--	17,320	15,870	18,500	20,180	20,890	7.656	--
7	38.00	37.29	0.540	5.920	5.795	--	USS GT80S	11,390	877	--	801	833	10,810	--	9,240	8,460	10,690	11,600	11,800	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	L80	11,390	877	--	801	833	10,810	--	9,240	8,460	10,690	11,600	11,800	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	L80 HC	11,870	877	--	801	833	10,810	--	9,240	8,460	10,690	11,600	11,800	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	L80 HP	12,460	932	--	836	833	11,490	--	9,240	8,460	11,350	12,330	11,800	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	N80n	11,390	877	--	814	876	10,810	--	9,240	8,460	10,690	11,600	10,250	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	N80	11,390	877	--	814	876	10,810	--	9,240	8,460	10,690	11,600	12,420	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	N80 HC	12,470	877	--	814	876	10,810	--	9,240	8,460	10,690	11,600	12,420	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	N80 HP	13,560	1,041	--	931	876	12,840	--	9,240	8,460	12,690	13,780	13,140	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	C90	12,810	986	--	883	876	12,160	--	10,390	9,520	12,020	13,050	13,820	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	USS C90	12,810	986	--	883	876	12,160	--	10,390	9,520	12,020	13,050	13,820	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	C95	13,430	1,041	--	931	920	12,840	--	10,970	10,050	12,690	13,780	13,140	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	T95	13,430	1,041	--	931	920	12,840	--	10,970	10,050	12,690	13,780	14,550	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	USS C95	13,430	1,041	--	931	920	12,840	--	10,970	10,050	12,690	13,780	14,550	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	USS C100	14,010	1,096	--	978	964	13,510	--	11,550	10,580	13,360	14,500	15,280	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	C110	15,130	1,205	--	--	--	14,870	--	--	--	14,690	15,950	16,750	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	P110 SR16	15,130	1,205	--	1,087	1,096	14,870	--	12,700	11,640	14,690	15,950	15,770	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	P110	15,130	1,205	--	1,087	1,096	14,870	--	12,700	11,640	14,690	15,950	17,450	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	P110 HC	15,820	1,205	--	1,087	1,096	14,870	--	12,700	11,640	14,690	15,950	17,450	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	P110 HP	17,020	1,370	--	1,162	1,096	16,890	--	12,700	11,640	16,700	18,130	18,280	7.656	7.375
7	38.00	37.29	0.540	5.920	5.795	--	Q125	16,740	1,370	--	1,207	1,183	16,890	--	14,430	13,220	16,700	18,130	18,990	7.656	--
7	38.00	37.29	0.540	5.920	5.795	--	Q125 HC	16,840	1,370	--	1,207	1,183	16,890	--	14,430	13,220	16,700	18,130	18,990	7.656	--
7	38.00	37.29	0.540	5.920	5.795	--	Q125 HP	18,080	1,479	--	1,251	1,183	18,240	--	14,430	13,220	18,030	19,580	19,790	7.656	--

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				Internal Yield						Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				API Historical			Lame' - Von Mises		Regular Coupling in.	Special Clr Coupling in.				
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.		Yield Pipe Body		Threaded and Coupled			Pipe Body psi	Threaded & Coupled					Open psi		Capped psi	
									STC	LTC	BTC ^a		STC psi	LTC psi	BTC psi		End psi	End psi				
7	38.00	37.29	0.540	5.920	5.795	--	USS140	18,280	1,534	--	1,341	1,315	18,920	--	16,170	14,810	18,700	20,310	21,250	7.656	--	
7	38.00	37.29	0.540	5.920	5.795	--	USS V150	19,240	1,644	--	1,430	1,402	20,270	--	17,320	15,870	20,040	21,760	22,780	7.656	--	
7	42.70	42.59	0.625	5.750	5.625	--	C90	14,640	1,127	--	--	--	14,070	--	--	--	13,850	14,940	16,150	--	--	
7	42.70	42.59	0.625	5.750	5.625	--	USS C90	14,640	1,127	--	--	--	14,070	--	--	--	13,850	14,940	16,150	--	--	
7	42.70	42.59	0.625	5.750	5.625	--	T95	15,450	1,189	--	--	--	14,850	--	--	--	14,620	15,770	17,000	--	--	
7	42.70	42.59	0.625	5.750	5.625	--	USS C95	15,450	1,189	--	--	--	14,850	--	--	--	14,620	15,770	17,000	--	--	
7	42.70	42.59	0.625	5.750	5.625	--	USS C100	16,260	1,252	--	--	--	15,630	--	--	--	15,390	16,600	17,860	--	--	
7	42.70	42.59	0.625	5.750	5.625	--	C110	17,890	1,377	--	--	--	17,190	--	--	--	16,930	18,260	19,580	--	--	
7	42.70	42.59	0.625	5.750	5.625	--	P110 SR16	17,890	1,377	--	1,190	1,096	17,190	--	12,700	11,640	16,930	18,260	18,410	7.656	7.375	
7	42.70	42.59	0.625	5.750	5.625	--	P110	17,890	1,377	--	1,190	1,096	17,190	--	12,700	11,640	16,930	18,260	20,390	7.656	7.375	
7	42.70	42.59	0.625	5.750	5.625	--	P110 HC	19,420	1,377	--	1,190	1,096	17,190	--	12,700	11,640	16,930	18,260	20,390	7.656	7.375	
7	42.70	42.59	0.625	5.750	5.625	--	P110 HP	20,870	1,565	--	1,190	1,096	19,540	--	12,700	11,640	19,230	20,750	21,370	7.656	7.375	
7	42.70	42.59	0.625	5.750	5.625	--	Q125	20,330	1,565	--	1,285	1,183	19,540	--	14,430	13,220	19,230	20,750	22,190	7.656	--	
7	42.70	42.59	0.625	5.750	5.625	--	Q125 HC	20,800	1,565	--	1,285	1,183	19,540	--	14,430	13,220	19,230	20,750	22,190	7.656	--	
7	42.70	42.59	0.625	5.750	5.625	--	Q125 HP	22,300	1,690	--	1,285	1,183	21,100	--	14,430	13,220	20,770	22,410	23,130	7.656	--	
7	42.70	42.59	0.625	5.750	5.625	--	USS140	22,770	1,752	--	1,427	1,315	21,880	--	16,170	14,810	21,540	23,240	24,840	7.656	--	
7	42.70	42.59	0.625	5.750	5.625	--	USS V150	24,390	1,878	--	1,523	1,402	23,440	--	17,320	15,870	23,080	24,890	26,630	7.656	--	
7	46.40	46.36	0.687	5.626	5.501	--	C90	15,930	1,226	--	--	--	15,450	--	--	--	15,170	16,280	17,890	--	--	
7	46.40	46.36	0.687	5.626	5.501	--	USS C90	15,930	1,226	--	--	--	15,450	--	--	--	15,170	16,280	17,890	--	--	
7	46.40	46.36	0.687	5.626	5.501	--	T95	16,820	1,294	--	--	--	16,310	--	--	--	16,010	17,190	18,830	--	--	
7	46.40	46.36	0.687	5.626	5.501	--	USS C95	16,820	1,294	--	--	--	16,310	--	--	--	16,010	17,190	18,830	--	--	
7	46.40	46.36	0.687	5.626	5.501	--	USS C100	17,700	1,363	--	--	--	17,170	--	--	--	16,850	18,090	19,770	--	--	
7	46.40	46.36	0.687	5.626	5.501	--	C110	19,470	1,499	--	--	--	18,890	--	--	--	18,540	19,900	21,680	--	--	
7	50.10	50.11	0.750	5.500	5.375	--	C90	17,220	1,325	--	--	--	16,870	--	--	--	16,490	17,620	19,680	--	--	
7	50.10	50.11	0.750	5.500	5.375	--	USS C90	17,220	1,325	--	--	--	16,870	--	--	--	16,490	17,620	19,680	--	--	
7	50.10	50.11	0.750	5.500	5.375	--	T95	18,180	1,399	--	--	--	17,810	--	--	--	17,410	18,600	20,720	--	--	
7	50.10	50.11	0.750	5.500	5.375	--	USS C95	18,180	1,399	--	--	--	17,810	--	--	--	17,410	18,600	20,720	--	--	
7	50.10	50.11	0.750	5.500	5.375	--	USS C100	19,140	1,473	--	--	--	18,740	--	--	--	18,330	19,580	21,760	--	--	
7	50.10	50.11	0.750	5.500	5.375	--	C110	21,050	1,620	--	--	--	20,620	--	--	--	20,160	21,540	23,860	--	--	
7	53.60	53.71	0.812	5.376	5.251	--	C90	18,460	1,421	--	--	--	18,280	--	--	--	17,810	18,920	21,510	--	--	
7	53.60	53.71	0.812	5.376	5.251	--	USS C90	18,460	1,421	--	--	--	18,280	--	--	--	17,810	18,920	21,510	--	--	
7	53.60	53.71	0.812	5.376	5.251	--	T95	19,480	1,500	--	--	--	19,300	--	--	--	18,800	19,970	22,640	--	--	
7	53.60	53.71	0.812	5.376	5.251	--	USS C95	19,480	1,500	--	--	--	19,300	--	--	--	18,800	19,970	22,640	--	--	
7	53.60	53.71	0.812	5.376	5.251	--	USS C100	20,510	1,579	--	--	--	20,310	--	--	--	19,790	21,020	23,780	--	--	
7	53.60	53.71	0.812	5.376	5.251	--	C110	22,560	1,736	--	--	--	22,350	--	--	--	21,770	23,120	26,070	--	--	
7	57.10	57.29	0.875	5.250	5.125	--	C90	19,690	1,515	--	--	--	19,700	--	--	--	19,100	20,210	23,360	--	--	
7	57.10	57.29	0.875	5.250	5.125	--	USS C90	19,690	1,515	--	--	--	19,700	--	--	--	19,100	20,210	23,360	--	--	
7	57.10	57.29	0.875	5.250	5.125	--	T95	20,780	1,600	--	--	--	20,790	--	--	--	20,170	21,330	24,590	--	--	
7	57.10	57.29	0.875	5.250	5.125	--	USS C95	20,780	1,600	--	--	--	20,790	--	--	--	20,170	21,330	24,590	--	--	

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade	Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.			
	T&C lb/ft	P E lb/ft						Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a		STC	LTC	BTC		End psi	End psi					
7	57.10	57.29	0.875	5.250	5.125	--	USS C100	21,880	1,684	--	--	--		21,890	--	--	--	21,230	22,450	25,830	--	--
7	57.10	57.29	0.875	5.250	5.125	--	C110	24,060	1,852	--	--	--		24,070	--	--	--	23,350	24,700	28,320	--	--
7 5/8	20.00	19.71	0.250	7.125	7.000	--	H40	1,410	232	166	--	--		2,300	2,300	--	--	2,290	2,570	2,490	8.500	--
7 5/8	24.00	23.49	0.300	7.025	6.900	--	H40	2,030	276	212	--	--		2,760	2,760	--	--	2,750	3,060	3,000	8.500	--
7 5/8	26.40	25.59	0.328	6.969	6.844	--	J55	2,900	414	315	346	483		4,140	4,140	4,140	4,140	4,130	4,590	4,130	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	K55	2,900	414	342	377	581		4,140	4,140	4,140	4,140	4,130	4,590	5,240	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	USS FS80	4,320	564	--	461	624		5,650	--	5,650	5,650	5,630	6,260	6,380	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	USS GT80S	3,400	602	--	482	635		6,020	--	6,020	6,020	6,000	6,680	6,400	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	L80	3,400	602	--	482	635		6,020	--	6,020	6,020	6,000	6,680	6,400	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	L80 HC	4,320	602	--	482	635		6,020	--	6,020	6,020	6,000	6,680	6,400	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	L80 HP	4,710	639	--	503	645		6,400	--	6,400	6,400	6,380	7,090	6,400	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	N80n	3,400	602	--	490	659		6,020	--	6,020	6,020	6,000	6,680	5,580	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	N80	3,400	602	--	490	659		6,020	--	6,020	6,020	6,000	6,680	6,740	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	N80 HC	4,410	602	--	490	659		6,020	--	6,020	6,020	6,000	6,680	6,740	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	N80 HP	4,800	714	--	560	716		7,150	--	7,150	7,150	7,130	7,930	7,130	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	C90	3,610	677	--	532	681		6,780	--	6,780	6,780	6,750	7,510	7,470	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	USS C90	3,610	677	--	532	681		6,780	--	6,780	6,780	6,750	7,510	7,470	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	C95	3,710	714	--	560	716		7,150	--	7,150	7,150	7,130	7,930	7,130	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	T95	3,710	714	--	560	716		7,150	--	7,150	7,150	7,130	7,930	7,870	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	USS C95	3,710	714	--	560	716		7,150	--	7,150	7,150	7,130	7,930	7,870	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	USS C100	3,790	752	--	589	751		7,530	--	7,530	7,530	7,500	8,350	8,260	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	C110	3,920	827	--	--	--		8,280	--	--	--	8,250	9,180	9,060	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	P110 SR16	3,920	827	--	654	845		8,280	--	8,280	8,280	8,250	9,180	8,550	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	P110	3,920	827	--	654	845		8,280	--	8,280	8,280	8,250	9,180	9,430	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	P110 HC	4,790	827	--	654	845		8,280	--	8,280	8,280	8,250	9,180	9,430	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	P110 HP	5,200	940	--	720	902		9,410	--	9,410	9,410	9,380	10,430	9,880	8.500	8.125
7 5/8	26.40	25.59	0.328	6.969	6.844	--	Q125	4,050	940	--	733	926		9,410	--	9,410	9,410	9,380	10,430	10,270	8.500	--
7 5/8	26.40	25.59	0.328	6.969	6.844	--	Q125 HC	4,880	940	--	733	926		9,410	--	9,410	9,410	9,380	10,430	10,270	8.500	--
7 5/8	26.40	25.59	0.328	6.969	6.844	--	Q125 HP	5,290	1,015	--	775	972		10,160	--	10,160	10,160	10,130	11,270	10,700	8.500	--
7 5/8	26.40	25.59	0.328	6.969	6.844	--	USS140	4,080	1,053	--	819	1,032		10,540	--	10,540	10,540	10,500	11,680	11,490	8.500	--
7 5/8	26.40	25.59	0.328	6.969	6.844	--	USS V150	4,080	1,128	--	876	1,102		11,290	--	11,290	11,290	11,250	12,520	12,320	8.500	--
7 5/8	29.70	29.06	0.375	6.875	6.750	--	USS GT80S	4,790	683	--	566	721		6,880	--	6,880	6,880	6,850	7,590	7,350	8.500	8.125
7 5/8	29.70	29.06	0.375	6.875	6.750	--	L80	4,790	683	--	566	721		6,880	--	6,880	6,880	6,850	7,590	7,350	8.500	8.125
7 5/8	29.70	29.06	0.375	6.875	6.750	--	L80 HC	5,780	683	--	566	721		6,880	--	6,880	6,880	6,850	7,590	7,350	8.500	8.125
7 5/8	29.70	29.06	0.375	6.875	6.750	--	L80 HP	6,220	726	--	591	733		7,310	--	7,310	7,310	7,280	8,060	7,350	8.500	8.125
7 5/8	29.70	29.06	0.375	6.875	6.750	--	N80n	4,790	683	--	575	749		6,880	--	6,880	6,880	6,850	7,590	6,400	8.500	8.125
7 5/8	29.70	29.06	0.375	6.875	6.750	--	N80	4,790	683	--	575	749		6,880	--	6,880	6,880	6,850	7,590	7,730	8.500	8.125
7 5/8	29.70	29.06	0.375	6.875	6.750	--	N80 HC	5,950	683	--	575	749		6,880	--	6,880	6,880	6,850	7,590	7,730	8.500	8.125
7 5/8	29.70	29.06	0.375	6.875	6.750	--	N80 HP	6,470	811	--	659	813		8,170	--	8,170	8,170	8,130	9,010	8,180	8.500	8.125

Dimensional & Grade Designators														Internal Yield						Ductile		
Weight			NOM	NOM	API	Alternate		Collapse Resistance psi	TENSION				API Historical			Lame' - Von Mises		Rupture	Outside Diameter			
O D									Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled		Open	Capped	Capped	Regular	Special Clr		
Size	T&C	P E	Wall	I D	Drift	Drift	Product		Yield	Threaded and Coupled			Body	STC	LTC	BTC	End				End	End
in.	lb/ft	lb/ft	in.	in.	in.	in.	Grade	Pipe Body	STC	LTC	BTC ^a	psi	psi	psi	psi	psi	psi	psi	in.	in.		
7 5/8	29.70	29.06	0.375	6.875	6.750	--	C90	5,030	769	--	625	773	7,740	--	7,740	7,740	7,710	8,540	8,580	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	USS C90	5,030	769	--	625	773	7,740	--	7,740	7,740	7,710	8,540	8,580	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	C95	5,130	811	--	659	813	8,170	--	8,170	8,170	8,130	9,010	8,180	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	T95	5,130	811	--	659	813	8,170	--	8,170	8,170	8,130	9,010	9,040	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	USS C95	5,130	811	--	659	813	8,170	--	8,170	8,170	8,130	9,010	9,040	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	USS C100	5,220	854	--	692	853	8,600	--	8,600	8,600	8,560	9,490	9,490	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	C110	5,350	940	--	--	--	9,460	--	--	--	9,420	10,440	10,400	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	P110 SR16	5,350	940	--	769	960	9,460	--	9,460	9,460	9,420	10,440	9,810	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	P110	5,350	940	--	769	960	9,460	--	9,460	9,460	9,420	10,440	10,840	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	P110 HC	6,700	940	--	769	960	9,460	--	9,460	9,460	9,420	10,440	10,840	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	P110 HP	7,260	1,068	--	846	1,025	10,750	--	10,750	10,750	10,700	11,860	11,360	8.500	8.125	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	Q125	5,670	1,068	--	861	1,052	10,750	--	10,750	10,750	10,700	11,860	11,790	8.500	--	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	Q125 HC	6,880	1,068	--	861	1,052	10,750	--	10,750	10,750	10,700	11,860	11,790	8.500	--	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	Q125 HP	7,450	1,153	--	911	1,104	11,610	--	11,610	11,610	11,560	12,810	12,290	8.500	--	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	USS140	5,930	1,196	--	962	1,172	12,040	--	12,040	12,040	11,990	13,280	13,200	8.500	--	
7 5/8	29.70	29.06	0.375	6.875	6.750	--	USS V150	6,060	1,281	--	1,030	1,252	12,900	--	12,900	12,900	12,840	14,230	14,150	8.500	--	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	USS GT80S	6,560	778	--	664	820	7,890	--	7,890	7,890	7,840	8,650	8,470	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	L80	6,560	778	--	664	820	7,890	--	7,890	7,890	7,840	8,650	8,470	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	L80 HC	7,460	778	--	664	820	7,890	--	7,890	7,890	7,840	8,650	8,470	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	L80 HP	7,940	826	--	693	834	8,380	--	8,380	8,380	8,330	9,190	8,470	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	N80n	6,560	778	--	674	852	7,890	--	7,890	7,890	7,840	8,650	7,370	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	N80	6,560	778	--	674	852	7,890	--	7,890	7,890	7,840	8,650	8,920	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	N80 HC	7,740	778	--	674	852	7,890	--	7,890	7,890	7,840	8,650	8,920	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	N80 HP	8,420	923	--	772	925	9,370	--	9,370	9,370	9,310	10,270	9,430	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	C90	7,050	875	--	733	880	8,880	--	8,880	8,880	8,820	9,730	9,900	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	USS C90	7,050	875	--	733	880	8,880	--	8,880	8,880	8,820	9,730	9,900	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	C95	7,280	923	--	772	925	9,370	--	9,370	9,370	9,310	10,270	9,430	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	T95	7,280	923	--	772	925	9,370	--	9,370	9,370	9,310	10,270	10,420	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	USS C95	7,280	923	--	772	925	9,370	--	9,370	9,370	9,310	10,270	10,420	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	USS C100	7,490	972	--	812	971	9,860	--	9,860	9,860	9,800	10,810	10,950	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	C110	7,870	1,069	--	--	--	10,850	--	--	--	10,780	11,890	12,000	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	P110 SR16	7,870	1,069	--	901	1,093	10,850	--	10,850	10,850	10,780	11,890	11,310	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	P110	7,870	1,069	--	901	1,093	10,850	--	10,850	10,850	10,780	11,890	12,500	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	P110 HC	9,110	1,069	--	901	1,093	10,850	--	10,850	10,850	10,780	11,890	12,500	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	P110 HP	9,850	1,215	--	992	1,166	12,330	--	12,330	12,330	12,250	13,510	13,100	8.500	8.125	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	Q125	8,350	1,215	--	1,009	1,197	12,330	--	12,330	12,330	12,250	13,510	13,600	8.500	--	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	Q125 HC	9,460	1,215	--	1,009	1,197	12,330	--	12,330	12,330	12,250	13,510	13,600	8.500	--	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	Q125 HP	10,220	1,312	--	1,068	1,257	13,310	--	13,310	13,310	13,230	14,590	14,180	8.500	--	
7 5/8	33.70	33.07	0.430	6.765	6.640	--	USS140	8,690	1,361	--	1,128	1,334	13,810	--	13,810	13,810	13,720	15,130	15,230	8.500	--	

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	End psi	Regular Coupling in.		Special Clr Coupling in.	
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.		Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a	Body psi	STC psi	LTC psi	BTC psi	End psi	End psi						
7 5/8	33.70	33.07	0.430	6.765	6.640	--	USS V150	8,850	1,458	--	1,207	1,424	14,790	--	14,790	14,790	14,700	16,210	16,320	8.500	--	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	USS GT80S	8,820	895	--	786	945	9,190	--	9,190	9,190	9,110	9,970	9,940	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	L80	8,820	895	--	786	945	9,190	--	9,190	9,190	9,110	9,970	9,940	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	L80 HC	9,480	895	--	786	945	9,190	--	9,190	9,190	9,110	9,970	9,940	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	L80 HP	10,010	951	--	820	961	9,770	--	9,770	9,770	9,680	10,590	9,940	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	N80n	8,820	895	--	798	981	9,190	--	9,190	9,190	9,110	9,970	8,650	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	N80	8,820	895	--	798	981	9,190	--	9,190	9,190	9,110	9,970	10,470	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	N80 HC	9,910	895	--	798	981	9,190	--	9,190	9,190	9,110	9,970	10,470	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	N80 HP	10,770	1,063	--	914	1,065	10,910	--	10,490	9,790	10,820	11,840	11,070	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	C90	9,620	1,007	--	867	1,013	10,340	--	10,340	10,340	10,250	11,220	11,630	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	USS C90	9,620	1,007	--	867	1,013	10,340	--	10,340	10,340	10,250	11,220	11,630	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	C95	10,000	1,063	--	914	1,065	10,910	--	10,910	10,910	10,820	11,840	11,070	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	T95	10,000	1,063	--	914	1,065	10,910	--	10,910	10,910	10,820	11,840	12,240	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	USS C95	10,000	1,063	--	914	1,065	10,910	--	10,910	10,910	10,820	11,840	12,240	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	USS C100	10,370	1,119	--	960	1,118	11,490	--	11,490	11,490	11,390	12,460	12,860	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	C110	11,080	1,231	--	--	--	12,640	--	--	--	12,530	13,710	14,100	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	P110 SR16	11,080	1,231	--	1,066	1,258	12,640	--	12,640	12,640	12,530	13,710	13,280	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	P110	11,080	1,231	--	1,066	1,258	12,640	--	12,640	12,640	12,530	13,710	14,680	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	P110 HC	12,180	1,231	--	1,066	1,258	12,640	--	12,640	12,640	12,530	13,710	14,680	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	P110 HP	13,130	1,399	--	1,173	1,343	14,360	--	14,360	13,460	14,240	15,580	15,380	8.500	8.125	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	Q125	12,060	1,399	--	1,194	1,379	14,360	--	14,360	14,360	14,240	15,580	15,980	8.500	--	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	Q125 HC	12,810	1,399	--	1,194	1,379	14,360	--	14,360	14,360	14,240	15,580	15,980	8.500	--	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	Q125 HP	13,790	1,511	--	1,264	1,447	15,510	--	15,510	15,290	15,380	16,820	16,650	8.500	--	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	USS140	12,930	1,567	--	1,335	1,536	16,080	--	16,080	16,080	15,950	17,450	17,890	8.500	--	
7 5/8	39.00	38.08	0.500	6.625	6.500	--	USS V150	13,440	1,679	--	1,428	1,640	17,230	--	17,230	17,230	17,090	18,690	19,170	8.500	--	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	USS GT80S	10,810	998	--	891	1,053	10,320	--	10,320	9,790	10,220	11,120	11,240	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	L80	10,810	998	--	891	1,053	10,320	--	10,320	9,790	10,220	11,120	11,240	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	L80 HC	11,170	998	--	891	1,053	10,320	--	10,320	9,790	10,220	11,120	11,240	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	L80 HP	11,740	1,060	--	930	1,070	10,970	--	10,490	9,790	10,850	11,820	11,240	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	N80n	10,810	998	--	905	1,093	10,320	--	10,320	9,790	10,220	11,120	9,760	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	N80	10,810	998	--	905	1,093	10,320	--	10,320	9,790	10,220	11,120	11,830	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	N80 HC	11,730	998	--	905	1,093	10,320	--	10,320	9,790	10,220	11,120	11,830	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	N80 HP	12,750	1,185	--	1,037	1,187	12,260	--	10,490	9,790	12,130	13,210	12,520	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	C90	11,890	1,122	--	983	1,129	11,610	--	11,610	11,010	11,490	12,510	13,160	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	USS C90	11,890	1,122	--	983	1,129	11,610	--	11,610	11,010	11,490	12,510	13,160	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	C95	12,410	1,185	--	1,037	1,187	12,260	--	12,260	11,620	12,130	13,210	12,520	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	T95	12,410	1,185	--	1,037	1,187	12,260	--	12,260	11,620	12,130	13,210	13,850	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	USS C95	12,410	1,185	--	1,037	1,187	12,260	--	12,260	11,620	12,130	13,210	13,850	8.500	8.125	
7 5/8	42.80	42.43	0.562	6.501	6.376	--	USS C100	12,920	1,247	--	1,090	1,245	12,910	--	12,910	12,240	12,770	13,900	14,540	8.500	8.125	

Dimensional & Grade Designators									TENSION					Internal Yield						Ductile Rupture		Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade	Collapse Resistance psi	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	Capped End psi	Regular Coupling in.	Special Clr Coupling in.		
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled			Body psi	STC psi	LTC psi	BTC psi	End psi	End psi					
7 5/8	42.80	42.43	0.562	6.501	6.376	--	C110	13,930	1,372	--	--	--	14,200	--	--	--	14,050	15,290	15,940	8.500	8.125		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	P110 SR16	13,930	1,372	--	1,210	1,402	14,200	--	14,200	13,460	14,050	15,290	15,010	8.500	8.125		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	P110	13,930	1,372	--	1,210	1,402	14,200	--	14,200	13,460	14,050	15,290	16,610	8.500	8.125		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	P110 HC	14,770	1,372	--	1,210	1,402	14,200	--	14,200	13,460	14,050	15,290	16,610	8.500	8.125		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	P110 HP	15,890	1,559	--	1,331	1,496	16,130	--	14,430	13,460	15,960	17,380	17,400	8.500	8.125		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	Q125	15,350	1,559	--	1,355	1,536	16,130	--	16,130	15,290	15,960	17,380	18,070	8.500	--		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	Q125 HC	15,670	1,559	--	1,355	1,536	16,130	--	16,130	15,290	15,960	17,380	18,070	8.500	--		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	Q125 HP	16,840	1,683	--	1,434	1,612	17,420	--	16,400	15,290	17,240	18,770	18,840	8.500	--		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	USS140	16,680	1,746	--	1,514	1,711	18,070	--	18,070	17,130	17,880	19,460	20,230	8.500	--		
7 5/8	42.80	42.43	0.562	6.501	6.376	--	USS V150	17,500	1,871	--	1,620	1,827	19,360	--	19,360	18,350	19,150	20,850	21,690	8.500	--		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	USS GT80S	11,510	1,051	--	947	1,109	10,930	--	10,490	9,790	10,800	11,730	11,940	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	L80	11,510	1,051	--	947	1,109	10,930	--	10,490	9,790	10,800	11,730	11,940	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	L80 HC	12,050	1,051	--	947	1,109	10,930	--	10,490	9,790	10,800	11,730	11,940	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	L80 HP	12,640	1,117	--	988	1,128	11,620	--	10,490	9,790	11,480	12,460	11,940	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	N80n	11,510	1,051	--	962	1,152	10,930	--	10,490	9,790	10,800	11,730	10,370	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	N80	11,510	1,051	--	962	1,152	10,930	--	10,490	9,790	10,800	11,730	12,570	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	N80 HC	12,660	1,051	--	962	1,152	10,930	--	10,490	9,790	10,800	11,730	12,570	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	N80 HP	13,760	1,248	--	1,101	1,238	12,980	--	10,490	9,790	12,830	13,930	13,300	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	C90	12,950	1,183	--	1,045	1,189	12,300	--	11,810	11,010	12,150	13,190	13,980	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	USS C90	12,950	1,183	--	1,045	1,189	12,300	--	11,810	11,010	12,150	13,190	13,980	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	C95	13,670	1,248	--	1,101	1,251	12,980	--	12,460	11,620	12,830	13,930	13,300	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	T95	13,670	1,248	--	1,101	1,251	12,980	--	12,460	11,620	12,830	13,930	14,720	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	USS C95	13,670	1,248	--	1,101	1,251	12,980	--	12,460	11,620	12,830	13,930	14,720	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	USS C100	14,280	1,314	--	1,157	1,312	13,670	--	13,120	12,240	13,500	14,660	15,460	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	C110	15,440	1,446	--	--	--	15,030	--	--	--	14,850	16,120	16,950	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	P110 SR16	15,440	1,446	--	1,285	1,477	15,030	--	14,430	13,460	14,850	16,120	15,950	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	P110	15,440	1,446	--	1,285	1,477	15,030	--	14,430	13,460	14,850	16,120	17,660	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	P110 HC	16,090	1,446	--	1,285	1,477	15,030	--	14,430	13,460	14,850	16,120	17,660	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	P110 HP	17,310	1,643	--	1,414	1,548	17,080	--	14,430	13,460	16,880	18,320	18,500	8.500	8.125		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	Q125	17,100	1,643	--	1,439	1,619	17,080	--	16,400	15,290	16,880	18,320	19,210	8.500	--		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	Q125 HC	17,140	1,643	--	1,439	1,619	17,080	--	16,400	15,290	16,880	18,320	19,210	8.500	--		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	Q125 HP	18,400	1,774	--	1,523	1,672	18,450	--	16,400	15,290	18,230	19,790	20,020	8.500	--		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	USS140	18,670	1,840	--	1,608	1,803	19,130	--	18,360	17,130	18,910	20,520	21,510	8.500	--		
7 5/8	45.30	44.71	0.595	6.435	6.310	--	USS V150	19,660	1,971	--	1,721	1,926	20,500	--	19,680	18,350	20,260	21,990	23,060	8.500	--		
7 5/8	47.10	46.77	0.625	6.375	6.250	--	USS GT80S	12,040	1,100	--	997	1,160	11,480	--	10,490	9,790	11,330	12,270	12,580	8.500	8.125		
7 5/8	47.10	46.77	0.625	6.375	6.250	--	L80	12,040	1,100	--	997	1,160	11,480	--	10,490	9,790	11,330	12,270	12,580	8.500	8.125		
7 5/8	47.10	46.77	0.625	6.375	6.250	--	L80 HC	12,830	1,100	--	997	1,160	11,480	--	10,490	9,790	11,330	12,270	12,580	8.500	8.125		
7 5/8	47.10	46.77	0.625	6.375	6.250	--	L80 HP	13,450	1,168	--	1,040	1,176	12,200	--	10,490	9,790	12,040	13,040	12,580	8.500	8.125		
7 5/8	47.10	46.77	0.625	6.375	6.250	--	N80n	12,040	1,100	--	1,013	1,205	11,480	--	10,490	9,790	11,330	12,270	10,910	8.500	8.125		

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				Internal Yield				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	End psi	Regular		Special Clr	
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.		Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a	Body psi	STC	LTC	BTC	End psi	End psi	End psi		Coupling in.	Coupling in.		
7 5/8	47.10	46.77	0.625	6.375	6.250	--	N80	12,040	1,100	--	1,013	1,205	11,480	--	10,490	9,790	11,330	12,270	13,240	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	N80 HC	13,500	1,100	--	1,013	1,205	11,480	--	10,490	9,790	11,330	12,270	13,240	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	N80 HP	14,670	1,306	--	1,159	1,238	13,630	--	10,490	9,790	13,450	14,570	14,010	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	C90	13,540	1,237	--	1,100	1,238	12,910	--	11,810	11,010	12,740	13,810	14,730	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	USS C90	13,540	1,237	--	1,100	1,238	12,910	--	11,810	11,010	12,740	13,810	14,730	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	C95	14,300	1,306	--	1,159	1,300	13,630	--	12,460	11,620	13,450	14,570	14,010	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	T95	14,300	1,306	--	1,159	1,300	13,630	--	12,460	11,620	13,450	14,570	15,510	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	USS C95	14,300	1,306	--	1,159	1,300	13,630	--	12,460	11,620	13,450	14,570	15,510	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	USS C100	15,050	1,374	--	1,219	1,362	14,350	--	13,120	12,240	14,160	15,340	16,290	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	C110	16,550	1,512	--	--	--	15,780	--	--	--	15,580	16,880	17,860	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	P110 SR16	16,550	1,512	--	1,353	1,545	15,780	--	14,430	13,460	15,580	16,880	16,800	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	P110	16,550	1,512	--	1,353	1,545	15,780	--	14,430	13,460	15,580	16,880	18,600	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	P110 HC	17,280	1,512	--	1,353	1,545	15,780	--	14,430	13,460	15,580	16,880	18,600	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	P110 HP	18,580	1,718	--	1,489	1,548	17,930	--	14,430	13,460	17,700	19,180	19,490	8.500	8.125	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	Q125	18,700	1,718	--	1,515	1,672	17,930	--	16,400	15,290	17,700	19,180	20,240	8.500	--	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	Q125 HC	18,440	1,718	--	1,515	1,672	17,930	--	16,400	15,290	17,700	19,180	20,240	8.500	--	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	Q125 HP	19,790	1,855	--	1,603	1,672	19,370	--	16,400	15,290	19,120	20,710	21,090	8.500	--	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	USS140	20,500	1,924	--	1,693	1,858	20,090	--	18,360	17,130	19,830	21,480	22,660	8.500	--	
7 5/8	47.10	46.77	0.625	6.375	6.250	--	USS V150	21,650	2,062	--	1,812	1,981	21,520	--	19,680	18,350	21,240	23,010	24,290	8.500	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	C90	14,760	1,348	--	--	--	14,190	--	--	--	13,960	15,060	16,300	--	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	USS C90	14,760	1,348	--	--	--	14,190	--	--	--	13,960	15,060	16,300	--	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	T95	15,580	1,423	--	--	--	14,980	--	--	--	14,740	15,900	17,160	--	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	USS C95	15,580	1,423	--	--	--	14,980	--	--	--	14,740	15,900	17,160	--	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	USS C100	16,390	1,497	--	--	--	15,760	--	--	--	15,520	16,730	18,020	--	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	C110	18,030	1,647	--	--	--	17,340	--	--	--	17,070	18,410	19,760	--	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	P110 SR16	18,030	1,647	--	1,491	1,548	17,340	--	14,430	13,460	17,070	18,410	18,580	8.500	8.125	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	P110	18,030	1,647	--	1,491	1,548	17,340	--	14,430	13,460	17,070	18,410	20,580	8.500	8.125	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	P110 HC	19,660	1,647	--	1,491	1,548	17,340	--	14,430	13,460	17,070	18,410	20,580	8.500	8.125	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	P110 HP	21,120	1,872	--	1,640	1,548	19,710	--	14,430	13,460	19,400	20,920	21,570	8.500	8.125	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	Q125	20,490	1,872	--	1,670	1,672	19,710	--	16,400	15,290	19,400	20,920	22,400	8.500	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	Q125 HC	21,060	1,872	--	1,670	1,672	19,710	--	16,400	15,290	19,400	20,920	22,400	8.500	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	Q125 HP	22,580	2,021	--	1,767	1,672	21,280	--	16,400	15,290	20,950	22,590	23,340	8.500	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	USS140	22,950	2,096	--	1,866	1,858	22,070	--	18,360	17,130	21,720	23,430	25,070	8.500	--	
7 5/8	51.20	50.95	0.687	6.251	6.126	--	USS V150	24,590	2,246	--	1,997	1,981	23,650	--	19,680	18,350	23,270	25,100	26,880	8.500	--	
7 5/8	55.30	55.12	0.750	6.125	6.000	--	C90	15,960	1,458	--	--	--	15,490	--	--	--	15,200	16,310	17,930	--	--	
7 5/8	55.30	55.12	0.750	6.125	6.000	--	USS C90	15,960	1,458	--	--	--	15,490	--	--	--	15,200	16,310	17,930	--	--	
7 5/8	55.30	55.12	0.750	6.125	6.000	--	T95	16,850	1,539	--	--	--	16,350	--	--	--	16,040	17,220	18,870	--	--	
7 5/8	55.30	55.12	0.750	6.125	6.000	--	USS C95	16,850	1,539	--	--	--	16,350	--	--	--	16,040	17,220	18,870	--	--	
7 5/8	55.30	55.12	0.750	6.125	6.000	--	USS C100	17,730	1,620	--	--	--	17,210	--	--	--	16,880	18,130	19,820	--	--	

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade		Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi		Regular Coupling in.	Special Clr Coupling in.
	T&C lb/ft	P E lb/ft							Yield Pipe Body	Threaded and Coupled				STC psi	LTC psi	BTC psi					
7 5/8	55.30	55.12	0.750	6.125	6.000	--	C110	19,510	1,782	--	--	--	18,930	--	--	--	18,570	19,940	21,730	--	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	K55	7,790	736	--	657	916	7,390	--	7,210	6,730	7,310	7,940	11,590	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	USS GT80S	11,340	1,070	--	841	1,001	10,760	--	10,490	9,790	10,630	11,550	11,740	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	L80	11,340	1,070	--	841	1,001	10,760	--	10,490	9,790	10,630	11,550	11,740	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	L80 HC	11,790	1,070	--	841	1,001	10,760	--	10,490	9,790	10,630	11,550	11,740	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	L80 HP	12,380	1,137	--	878	1,019	11,430	--	10,490	9,790	11,300	12,270	11,740	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	N80n	11,340	1,070	--	855	1,040	10,760	--	10,490	9,790	10,630	11,550	10,200	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	N80	11,340	1,070	--	855	1,040	10,760	--	10,490	9,790	10,630	11,550	12,360	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	N80 HC	12,390	1,070	--	855	1,040	10,760	--	10,490	9,790	10,630	11,550	12,360	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	N80 HP	13,470	1,271	--	978	1,129	12,770	--	10,490	9,790	12,630	13,720	13,070	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	C90	12,750	1,204	--	928	1,074	12,100	--	11,810	11,010	11,960	13,000	13,740	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	USS C90	12,750	1,204	--	928	1,074	12,100	--	11,810	11,010	11,960	13,000	13,740	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	C95	13,320	1,271	--	978	1,129	12,770	--	12,460	11,620	12,630	13,720	13,070	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	T95	13,320	1,271	--	978	1,129	12,770	--	12,460	11,620	12,630	13,720	14,470	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	USS C95	13,320	1,271	--	978	1,129	12,770	--	12,460	11,620	12,630	13,720	14,470	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	USS C100	13,880	1,337	--	1,028	1,185	13,450	--	13,120	12,240	13,290	14,440	15,190	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	C110	15,000	1,471	--	--	--	14,790	--	--	--	14,620	15,880	16,660	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	P110 SR16	15,000	1,471	--	1,142	1,334	14,790	--	14,430	13,460	14,620	15,880	15,680	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	P110	15,000	1,471	--	1,142	1,334	14,790	--	14,430	13,460	14,620	15,880	17,350	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	P110 HC	15,710	1,471	--	1,142	1,334	14,790	--	14,430	13,460	14,620	15,880	17,350	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	P110 HP	16,900	1,672	--	1,256	1,423	16,810	--	14,430	13,460	16,610	18,050	18,180	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	Q125	16,590	1,672	--	1,279	1,462	16,810	--	16,400	15,290	16,610	18,050	18,880	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	Q125 HC	16,710	1,672	--	1,279	1,462	16,810	--	16,400	15,290	16,610	18,050	18,880	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	Q125 HP	17,950	1,805	--	1,353	1,534	18,150	--	16,400	15,290	17,940	19,490	19,680	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	USS140	18,090	1,872	--	1,429	1,628	18,820	--	18,360	17,130	18,610	20,220	21,140	8.500	--
7 3/4	46.10	45.51	0.595	6.560	6.435	6.500	USS V150	19,030	2,006	--	1,529	1,739	20,170	--	19,680	18,350	19,940	21,660	22,660	8.500	--
8 5/8	24.00	23.60	0.264	8.097	7.972	--	J55	1,370	381	244	--	--	2,950	2,950	--	--	2,940	3,300	2,920	9.625	9.125
8 5/8	24.00	23.60	0.264	8.097	7.972	--	K55	1,370	381	263	--	--	2,950	2,950	--	--	2,940	3,300	3,700	9.625	9.125
8 5/8	24.00	23.60	0.264	8.097	7.972	--	USS HCK55	1,540	381	263	--	--	2,950	2,950	--	--	2,940	3,300	3,700	9.625	9.125
8 5/8	24.00	23.60	0.264	8.097	7.972	--	USS FS80	1,800	520	326	--	--	4,020	4,020	--	--	4,010	4,500	4,500	9.625	9.125
8 5/8	28.00	27.04	0.304	8.017	7.892	--	H40	1,610	318	233	--	--	2,470	2,470	--	--	2,460	2,750	2,680	9.625	--
8 5/8	28.00	27.04	0.304	8.017	7.892	--	USS HCK55	2,410	437	335	377	599	3,390	3,390	3,390	3,390	3,380	3,790	4,270	9.625	9.125
8 5/8	28.00	27.04	0.304	8.017	7.892	--	USS FS80	2,630	596	414	464	651	4,630	4,630	4,630	4,630	4,610	5,160	5,200	9.625	9.125
8 5/8	32.00	31.13	0.352	7.921	7.796	7.875	H40	2,200	366	279	--	--	2,860	2,860	--	--	2,850	3,170	3,110	9.625	--
8 5/8	32.00	31.13	0.352	7.921	7.796	7.875	J55	2,530	503	372	417	579	3,930	3,930	3,930	3,930	3,920	4,360	3,920	9.625	9.125
8 5/8	32.00	31.13	0.352	7.921	7.796	7.875	K55	2,530	503	402	452	690	3,930	3,930	3,930	3,930	3,920	4,360	4,960	9.625	9.125
8 5/8	32.00	31.13	0.352	7.921	7.796	7.875	USS HCK55	3,740	503	402	452	690	3,930	3,930	3,930	3,930	3,920	4,360	4,960	9.625	9.125
8 5/8	32.00	31.13	0.352	7.921	7.796	7.875	USS FS80	3,820	686	497	556	750	5,360	5,360	5,360	5,360	5,340	5,950	6,050	9.625	9.125
8 5/8	36.00	35.17	0.400	7.825	7.700	--	J55	3,450	568	434	486	654	4,460	4,460	4,460	4,460	4,450	4,930	4,470	9.625	9.125

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				Internal Yield						Ductile	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade	Joint Strength, 1,000 lbs				API Historical				Lame' - Von Mises		Rupture				
	T&C lb/ft	P E lb/ft						Pipe Body psi		Threaded & Coupled			Open psi	Capped psi	Capped psi	Regular Coupling in.	Special Clr Coupling in.					
										Yield Pipe Body	Threaded and Coupled							STC psi	LTC psi	BTC psi	End psi	End psi
8 5/8	36.00	35.17	0.400	7.825	7.700	--	K55	3,450	568	468	526	780	4,460	4,460	4,460	4,460	4,450	4,930	5,660	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	USS HCK55	4,830	568	468	526	780	4,460	4,460	4,460	4,460	4,450	4,930	5,660	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	USS FS80	5,110	775	578	648	847	6,090	6,090	6,090	6,090	6,060	6,730	6,900	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	USS GT80S	4,100	827	--	678	864	6,490	--	6,490	6,490	6,470	7,180	6,920	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	L80	4,100	827	--	678	864	6,490	--	6,490	6,490	6,470	7,180	6,920	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	L80 HC	5,110	827	--	678	864	6,490	--	6,490	6,490	6,470	7,180	6,920	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	L80 HP	5,530	879	--	708	880	6,900	--	6,900	6,900	6,870	7,620	6,920	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	N80n	4,100	827	--	688	895	6,490	--	6,490	6,490	6,470	7,180	6,030	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	N80	4,100	827	--	688	895	6,490	--	6,490	6,490	6,470	7,180	7,280	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	N80 HC	5,240	827	--	688	895	6,490	--	6,490	6,490	6,470	7,180	7,280	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	N80 HP	5,700	982	--	789	976	7,710	--	7,710	7,710	7,680	8,520	7,700	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	C90	4,250	930	--	749	928	7,300	--	7,300	7,300	7,270	8,070	8,080	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	USS C90	4,250	930	--	749	928	7,300	--	7,300	7,300	7,270	8,070	8,080	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	C95	4,350	982	--	789	976	7,710	--	7,710	7,710	7,680	8,520	7,700	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	T95	4,350	982	--	789	976	7,710	--	7,710	7,710	7,680	8,520	8,500	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	USS C95	4,350	982	--	789	976	7,710	--	7,710	7,710	7,680	8,520	8,500	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	USS C100	4,480	1,034	--	830	1,025	8,120	--	8,120	8,120	8,080	8,970	8,930	9.625	9.125	
8 5/8	36.00	35.17	0.400	7.825	7.700	--	C110	4,690	1,137	--	--	--	8,930	--	--	--	8,890	9,870	9,790	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	USS GT80S	5,520	925	--	776	966	7,310	--	7,310	7,310	7,270	8,030	7,820	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	L80	5,520	925	--	776	966	7,310	--	7,310	7,310	7,270	8,030	7,820	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	L80 HC	6,480	925	--	776	966	7,310	--	7,310	7,310	7,270	8,030	7,820	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	L80 HP	6,950	982	--	811	984	7,770	--	7,770	7,770	7,720	8,530	7,820	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	N80n	5,520	925	--	788	1,001	7,310	--	7,310	7,310	7,270	8,030	6,820	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	N80	5,520	925	--	788	1,001	7,310	--	7,310	7,310	7,270	8,030	8,240	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	N80 HC	6,700	925	--	788	1,001	7,310	--	7,310	7,310	7,270	8,030	8,240	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	N80 HP	7,280	1,098	--	904	1,092	8,680	--	8,680	8,680	8,630	9,540	8,710	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	C90	5,870	1,040	--	858	1,038	8,220	--	8,220	8,220	8,180	9,030	9,140	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	USS C90	5,870	1,040	--	858	1,038	8,220	--	8,220	8,220	8,180	9,030	9,140	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	C95	6,020	1,098	--	904	1,092	8,680	--	8,680	8,680	8,630	9,540	8,710	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	T95	6,020	1,098	--	904	1,092	8,680	--	8,680	8,680	8,630	9,540	9,620	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	USS C95	6,020	1,098	--	904	1,092	8,680	--	8,680	8,680	8,630	9,540	9,620	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	USS C100	6,160	1,156	--	950	1,146	9,140	--	9,140	9,140	9,090	10,040	10,110	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	C110	6,390	1,271	--	--	--	10,050	--	--	--	10,000	11,040	11,080	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	P110 SR16	6,390	1,271	--	1,055	1,288	10,050	--	10,050	10,050	10,000	11,040	10,450	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	P110	6,390	1,271	--	1,055	1,288	10,050	--	10,050	10,050	10,000	11,040	11,540	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	P110 HC	7,690	1,271	--	1,055	1,288	10,050	--	10,050	10,050	10,000	11,040	11,540	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	P110 HP	8,320	1,445	--	1,170	1,379	11,420	--	11,420	11,420	11,360	12,550	12,090	9.625	9.125	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	Q125	6,630	1,445	--	1,182	1,415	11,420	--	11,420	11,420	11,360	12,550	12,560	9.625	--	
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	Q125 HC	7,930	1,445	--	1,182	1,415	11,420	--	11,420	11,420	11,360	12,550	12,560	9.625	--	

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped		End psi	Regular Coupling in.
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Body psi	STC psi	LTC psi	BTC psi	End psi	End psi					
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	Q125 HP	8,580	1,560	--	1,263	1,487	12,330	--	12,330	12,330	12,270	13,550	13,090	9.625	--
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	USS140	6,830	1,618	--	1,321	1,576	12,790	--	12,790	12,790	12,720	14,050	14,060	9.625	--
8 5/8	40.00	39.33	0.450	7.725	7.600	7.625	USS V150	7,030	1,734	--	1,414	1,683	13,700	--	13,700	13,700	13,630	15,060	15,070	9.625	--
8 5/8	44.00	43.43	0.500	7.625	7.500	--	USS GT80S	6,950	1,021	--	874	1,066	8,130	--	8,130	8,130	8,070	8,880	8,740	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	L80	6,950	1,021	--	874	1,066	8,130	--	8,130	8,130	8,070	8,880	8,740	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	L80 HC	7,810	1,021	--	874	1,066	8,130	--	8,130	8,130	8,070	8,880	8,740	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	L80 HP	8,310	1,085	--	913	1,087	8,630	--	8,630	8,630	8,580	9,430	8,740	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	N80n	6,950	1,021	--	887	1,105	8,130	--	8,130	8,130	8,070	8,880	7,610	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	N80	6,950	1,021	--	887	1,105	8,130	--	8,130	8,130	8,070	8,880	9,200	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	N80 HC	8,120	1,021	--	887	1,105	8,130	--	8,130	8,130	8,070	8,880	9,200	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	N80 HP	8,830	1,212	--	1,017	1,206	9,650	--	9,650	9,650	9,590	10,540	9,730	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	C90	7,490	1,149	--	965	1,146	9,140	--	9,140	9,140	9,080	9,980	10,210	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	USS C90	7,490	1,149	--	965	1,146	9,140	--	9,140	9,140	9,080	9,980	10,210	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	C95	7,740	1,212	--	1,017	1,206	9,650	--	9,650	9,650	9,590	10,540	9,730	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	T95	7,740	1,212	--	1,017	1,206	9,650	--	9,650	9,650	9,590	10,540	10,750	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	USS C95	7,740	1,212	--	1,017	1,206	9,650	--	9,650	9,650	9,590	10,540	10,750	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	USS C100	7,980	1,276	--	1,069	1,265	10,160	--	10,160	10,160	10,090	11,090	11,290	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	C110	8,420	1,404	--	--	--	11,170	--	--	--	11,100	12,200	12,380	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	P110 SR16	8,420	1,404	--	1,186	1,423	11,170	--	11,170	11,170	11,100	12,200	11,670	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	P110	8,420	1,404	--	1,186	1,423	11,170	--	11,170	11,170	11,100	12,200	12,890	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	P110 HC	9,640	1,404	--	1,186	1,423	11,170	--	11,170	11,170	11,100	12,200	12,890	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	P110 HP	10,420	1,595	--	1,317	1,523	12,700	--	12,700	12,700	12,610	13,870	13,510	9.625	9.125
8 5/8	44.00	43.43	0.500	7.625	7.500	--	Q125	8,980	1,595	--	1,330	1,562	12,700	--	12,700	12,700	12,610	13,870	14,030	9.625	--
8 5/8	44.00	43.43	0.500	7.625	7.500	--	Q125 HC	10,040	1,595	--	1,330	1,562	12,700	--	12,700	12,700	12,610	13,870	14,030	9.625	--
8 5/8	44.00	43.43	0.500	7.625	7.500	--	Q125 HP	10,840	1,723	--	1,421	1,642	13,710	--	13,710	13,710	13,620	14,980	14,620	9.625	--
8 5/8	44.00	43.43	0.500	7.625	7.500	--	USS140	9,420	1,787	--	1,486	1,740	14,220	--	14,220	14,220	14,130	15,530	15,710	9.625	--
8 5/8	44.00	43.43	0.500	7.625	7.500	--	USS V150	9,640	1,914	--	1,591	1,859	15,230	--	15,230	15,230	15,140	16,640	16,840	9.625	--
8 5/8	49.00	48.04	0.557	7.511	7.386	--	USS GT80S	8,570	1,129	--	983	1,180	9,030	--	9,030	9,030	8,960	9,830	9,760	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	L80	8,570	1,129	--	983	1,180	9,030	--	9,030	9,030	8,960	9,830	9,760	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	L80 HC	9,270	1,129	--	983	1,180	9,030	--	9,030	9,030	8,960	9,830	9,760	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	L80 HP	9,790	1,200	--	1,027	1,202	9,600	--	9,600	9,600	9,520	10,440	9,760	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	N80n	8,570	1,129	--	997	1,222	9,030	--	9,030	9,030	8,960	9,830	8,490	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	N80	8,570	1,129	--	997	1,222	9,030	--	9,030	9,030	8,960	9,830	10,280	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	N80 HC	9,680	1,129	--	997	1,222	9,030	--	9,030	9,030	8,960	9,830	10,280	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	N80 HP	10,520	1,341	--	1,144	1,334	10,730	--	10,510	9,750	10,640	11,670	10,870	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	C90	9,340	1,271	--	1,085	1,268	10,160	--	10,160	10,160	10,080	11,060	11,420	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	USS C90	9,340	1,271	--	1,085	1,268	10,160	--	10,160	10,160	10,080	11,060	11,420	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	C95	9,700	1,341	--	1,144	1,334	10,730	--	10,730	10,730	10,640	11,670	10,870	9.625	9.125
8 5/8	49.00	48.04	0.557	7.511	7.386	--	T95	9,700	1,341	--	1,144	1,334	10,730	--	10,730	10,730	10,640	11,670	12,020	9.625	9.125

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	Regular Coupling in.	Special Clr Coupling in.			
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.		Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a	Body psi	STC psi	LTC psi	BTC psi	End psi	End psi	End psi					
8 5/8	49.00	48.04	0.557	7.511	7.386	--	USS C95	9,700	1,341	--	1,144	1,334	10,730	--	10,730	10,730	10,640	11,670	12,020	9.625	9.125	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	USS C100	10,070	1,412	--	1,203	1,400	11,290	--	11,290	11,290	11,200	12,280	12,620	9.625	9.125	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	C110	10,730	1,553	--	--	--	12,420	--	--	--	12,320	13,510	13,840	9.625	9.125	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	P110 SR16	10,730	1,553	--	1,335	1,574	12,420	--	12,420	12,420	12,320	13,510	13,040	9.625	9.125	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	P110	10,730	1,553	--	1,335	1,574	12,420	--	12,420	12,420	12,320	13,510	14,420	9.625	9.125	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	P110 HC	11,850	1,553	--	1,335	1,574	12,420	--	12,420	12,420	12,320	13,510	14,420	9.625	9.125	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	P110 HP	12,780	1,765	--	1,481	1,685	14,120	--	14,120	13,410	14,000	15,360	15,110	9.625	9.125	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	Q125	11,660	1,765	--	1,496	1,728	14,120	--	14,120	14,120	14,000	15,360	15,690	9.625	--	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	Q125 HC	12,450	1,765	--	1,496	1,728	14,120	--	14,120	14,120	14,000	15,360	15,690	9.625	--	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	Q125 HP	13,410	1,906	--	1,599	1,817	15,250	--	15,250	15,230	15,120	16,580	16,350	9.625	--	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	USS140	12,480	1,977	--	1,672	1,925	15,810	--	15,810	15,810	15,680	17,200	17,560	9.625	--	
8 5/8	49.00	48.04	0.557	7.511	7.386	--	USS V150	12,950	2,118	--	1,789	2,056	16,940	--	16,940	16,940	16,800	18,430	18,830	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	K55	6,290	789	596	670	953	6,120	6,120	6,120	6,120	6,070	6,670	7,850	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	USS GT80S	8,340	1,147	--	863	1,055	8,910	--	8,910	8,910	8,840	9,700	9,620	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	L80	8,340	1,147	--	863	1,055	8,910	--	8,910	8,910	8,840	9,700	9,620	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	L80 HC	9,070	1,147	--	863	1,055	8,910	--	8,910	8,910	8,840	9,700	9,620	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	L80 HP	9,590	1,219	--	902	1,076	9,460	--	9,460	9,460	9,390	10,300	9,620	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	N80n	8,340	1,147	--	876	1,094	8,910	--	8,910	8,910	8,840	9,700	8,360	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	N80	8,340	1,147	--	876	1,094	8,910	--	8,910	8,910	8,840	9,700	10,120	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	N80 HC	9,470	1,147	--	876	1,094	8,910	--	8,910	8,910	8,840	9,700	10,120	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	N80 HP	10,290	1,362	--	1,005	1,193	10,570	--	10,510	9,750	10,490	11,510	10,710	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	C90	9,080	1,290	--	953	1,135	10,020	--	10,020	10,020	9,940	10,910	11,250	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	USS C90	9,080	1,290	--	953	1,135	10,020	--	10,020	10,020	9,940	10,910	11,250	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	C95	9,430	1,362	--	1,005	1,193	10,570	--	10,570	10,570	10,490	11,510	10,710	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	T95	9,430	1,362	--	1,005	1,193	10,570	--	10,570	10,570	10,490	11,510	11,840	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	USS C95	9,430	1,362	--	1,005	1,193	10,570	--	10,570	10,570	10,490	11,510	11,840	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	USS C100	9,770	1,434	--	1,056	1,252	11,130	--	11,130	11,130	11,040	12,120	12,430	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	C110	10,410	1,577	--	--	--	12,240	--	--	--	12,150	13,330	13,630	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	P110 SR16	10,410	1,577	--	1,172	1,408	12,240	--	12,240	12,240	12,150	13,330	12,840	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	P110	10,410	1,577	--	1,172	1,408	12,240	--	12,240	12,240	12,150	13,330	14,200	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	P110 HC	11,550	1,577	--	1,172	1,408	12,240	--	12,240	12,240	12,150	13,330	14,200	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	P110 HP	12,450	1,792	--	1,301	1,508	13,910	--	13,910	13,410	13,810	15,150	14,880	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	Q125	11,280	1,792	--	1,314	1,546	13,910	--	13,910	13,910	13,810	15,150	15,450	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	Q125 HC	12,120	1,792	--	1,314	1,546	13,910	--	13,910	13,910	13,810	15,150	15,450	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	Q125 HP	13,060	1,935	--	1,404	1,625	15,030	--	15,030	15,030	14,910	16,360	16,100	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	USS140	12,040	2,007	--	1,468	1,722	15,580	--	15,580	15,580	15,460	16,970	17,300	9.625	--	
8 3/4	49.70	48.78	0.557	7.636	7.480	--	USS V150	12,480	2,151	--	1,571	1,840	16,700	--	16,700	16,700	16,570	18,180	18,540	9.625	--	
9 5/8	32.30	31.06	0.312	9.001	8.845	--	H40	1,370	365	254	--	--	2,270	2,270	--	--	2,260	2,540	2,460	10.625	--	
9 5/8	36.00	34.89	0.352	8.921	8.765	--	H40	1,720	410	294	--	--	2,560	2,560	--	--	2,550	2,850	2,780	10.625	--	

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	End psi	Regular		Special Clr	
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.		Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a	Body psi	STC	LTC	BTC	End psi	End psi	End psi		End psi	Coupling in.	Coupling in.	
9 5/8	36.00	34.89	0.352	8.921	8.765	--	J55	2,020	564	394	453	639	3,520	3,520	3,520	3,520	3,510	3,920	3,500	10.625	10.125	
9 5/8	36.00	34.89	0.352	8.921	8.765	--	K55	2,020	564	423	489	755	3,520	3,520	3,520	3,520	3,510	3,920	4,430	10.625	10.125	
9 5/8	36.00	34.89	0.352	8.921	8.765	--	USS HCK55	2,690	564	423	489	755	3,520	3,520	3,520	3,520	3,510	3,920	4,430	10.625	10.125	
9 5/8	36.00	34.89	0.352	8.921	8.765	--	USS FS80	2,900	769	526	605	829	4,800	4,800	4,800	4,800	4,790	5,350	5,400	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	J55	2,570	630	452	520	714	3,950	3,950	3,950	3,950	3,940	4,390	3,950	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	K55	2,570	630	486	561	843	3,950	3,950	3,950	3,950	3,940	4,390	5,000	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	USS HCK55	3,810	630	486	561	843	3,950	3,950	3,950	3,950	3,940	4,390	5,000	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	USS FS80	3,870	859	604	694	926	5,390	5,390	5,390	5,390	5,370	5,980	6,090	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	USS GT80S	3,090	916	--	727	947	5,750	--	5,750	5,750	5,730	6,380	6,100	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	L80	3,090	916	--	727	947	5,750	--	5,750	5,750	5,730	6,380	6,100	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	L80 HC	3,870	916	--	727	947	5,750	--	5,750	5,750	5,730	6,380	6,100	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	L80 HP	4,230	974	--	760	968	6,110	--	6,110	6,110	6,090	6,780	6,100	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	N80n	3,090	916	--	737	979	5,750	--	5,750	5,750	5,730	6,380	5,330	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	N80	3,090	916	--	737	979	5,750	--	5,750	5,750	5,730	6,380	6,430	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	N80 HC	3,940	916	--	737	979	5,750	--	5,750	5,750	5,730	6,380	6,430	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	N80 HP	4,290	1,088	--	847	1,074	6,830	--	6,830	6,830	6,810	7,580	6,800	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	C90	3,260	1,031	--	804	1,021	6,470	--	6,470	6,470	6,450	7,180	7,120	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	USS C90	3,260	1,031	--	804	1,021	6,470	--	6,470	6,470	6,450	7,180	7,120	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	C95	3,330	1,088	--	847	1,074	6,830	--	6,830	6,830	6,810	7,580	6,800	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	T95	3,330	1,088	--	847	1,074	6,830	--	6,830	6,830	6,810	7,580	7,500	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	USS C95	3,330	1,088	--	847	1,074	6,830	--	6,830	6,830	6,810	7,580	7,500	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	USS C100	3,380	1,145	--	870	1,062	7,190	--	7,190	7,190	7,170	7,980	7,160	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	C110	3,470	1,260	--	--	--	7,910	--	--	--	7,880	8,770	8,640	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	P110 SR16	3,470	1,260	--	988	1,266	7,910	--	7,910	7,910	7,880	8,770	8,150	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	P110	3,470	1,260	--	988	1,266	7,910	--	7,910	7,910	7,880	8,770	9,000	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	P110 HC	4,230	1,260	--	988	1,266	7,910	--	7,910	7,910	7,880	8,770	9,000	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	P110 HP	4,590	1,432	--	1,098	1,360	8,990	--	8,990	8,990	8,960	9,970	9,430	10.625	10.125	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	Q125	3,530	1,432	--	1,108	1,393	8,990	--	8,990	8,990	8,960	9,970	9,790	10.625	--	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	Q125 HC	4,300	1,432	--	1,108	1,393	8,990	--	8,990	8,990	8,960	9,970	9,790	10.625	--	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	Q125 HP	4,660	1,546	--	1,185	1,467	9,710	--	9,710	9,710	9,670	10,770	10,200	10.625	--	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	USS140	3,530	1,604	--	1,239	1,552	10,070	--	10,070	10,070	10,030	11,170	10,960	10.625	--	
9 5/8	40.00	38.97	0.395	8.835	8.679	8.750	USS V150	3,530	1,718	--	1,326	1,658	10,780	--	10,780	10,780	10,750	11,960	11,750	10.625	--	
9 5/8	43.50	42.73	0.435	8.755	8.599	--	USS GT80S	3,810	1,005	--	813	1,038	6,330	--	6,330	6,330	6,310	7,000	6,740	10.625	10.125	
9 5/8	43.50	42.73	0.435	8.755	8.599	--	L80	3,810	1,005	--	813	1,038	6,330	--	6,330	6,330	6,310	7,000	6,740	10.625	10.125	
9 5/8	43.50	42.73	0.435	8.755	8.599	--	L80 HC	4,830	1,005	--	813	1,038	6,330	--	6,330	6,330	6,310	7,000	6,740	10.625	10.125	
9 5/8	43.50	42.73	0.435	8.755	8.599	--	L80 HP	5,240	1,068	--	851	1,061	6,730	--	6,730	6,730	6,700	7,440	6,740	10.625	10.125	
9 5/8	43.50	42.73	0.435	8.755	8.599	--	N80n	3,810	1,005	--	825	1,074	6,330	--	6,330	6,330	6,310	7,000	5,880	10.625	10.125	
9 5/8	43.50	42.73	0.435	8.755	8.599	--	N80	3,810	1,005	--	825	1,074	6,330	--	6,330	6,330	6,310	7,000	7,100	10.625	10.125	
9 5/8	43.50	42.73	0.435	8.755	8.599	--	N80 HC	4,950	1,005	--	825	1,074	6,330	--	6,330	6,330	6,310	7,000	7,100	10.625	10.125	

Dimensional & Grade Designators													Internal Yield				Ductile				
Weight			NOM	NOM	API	Alternate		Collapse Resistance psi	TENSION				API Historical			Lame' - Von Mises		Rupture	Outside Diameter		
O D									Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled		Open	Capped	Capped	Regular	Special Clr	
Size	T&C	P E	Wall	I D	Drift	Drift	Product		Yield	Threaded and Coupled			Body	STC	LTC	BTC	End				End
in.	lb/ft	lb/ft	in.	in.	in.	in.	Grade	Pipe Body	STC	LTC	BTC ^a	psi	psi	psi	psi	psi	psi	psi	in.	in.	
9 5/8	43.50	42.73	0.435	8.755	8.599	--	N80 HP	5,380	1,193	--	948	1,178	7,520	--	7,520	7,520	7,490	8,310	7,510	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	C90	4,010	1,130	--	899	1,119	7,130	--	7,130	7,130	7,100	7,880	7,870	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	USS C90	4,010	1,130	--	899	1,119	7,130	--	7,130	7,130	7,100	7,880	7,870	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	C95	4,130	1,193	--	948	1,178	7,520	--	7,520	7,520	7,490	8,310	7,510	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	T95	4,130	1,193	--	948	1,178	7,520	--	7,520	7,520	7,490	8,310	8,290	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	USS C95	4,130	1,193	--	948	1,178	7,520	--	7,520	7,520	7,490	8,310	8,290	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	USS C100	4,230	1,256	--	974	1,165	7,920	--	7,920	7,920	7,890	8,750	7,910	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	C110	4,420	1,381	--	--	--	8,710	--	--	--	8,670	9,630	9,540	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	P110 SR16	4,420	1,381	--	1,105	1,388	8,710	--	8,710	8,710	8,670	9,630	9,010	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	P110	4,420	1,381	--	1,105	1,388	8,710	--	8,710	8,710	8,670	9,630	9,940	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	P110 HC	5,440	1,381	--	1,105	1,388	8,710	--	8,710	8,710	8,670	9,630	9,940	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	P110 HP	5,900	1,570	--	1,228	1,492	9,900	--	9,900	9,900	9,860	10,940	10,420	10.625	10.125
9 5/8	43.50	42.73	0.435	8.755	8.599	--	Q125	4,620	1,570	--	1,240	1,527	9,900	--	9,900	9,900	9,860	10,940	10,820	10.625	--
9 5/8	43.50	42.73	0.435	8.755	8.599	--	Q125 HC	5,550	1,570	--	1,240	1,527	9,900	--	9,900	9,900	9,860	10,940	10,820	10.625	--
9 5/8	43.50	42.73	0.435	8.755	8.599	--	Q125 HP	6,020	1,695	--	1,325	1,608	10,690	--	10,690	10,690	10,650	11,810	11,270	10.625	--
9 5/8	43.50	42.73	0.435	8.755	8.599	--	USS140	4,730	1,758	--	1,386	1,702	11,080	--	11,080	11,080	11,040	12,250	12,110	10.625	--
9 5/8	43.50	42.73	0.435	8.755	8.599	--	USS V150	4,750	1,884	--	1,483	1,818	11,880	--	11,880	11,880	11,830	13,130	12,980	10.625	--
9 5/8	47.00	46.18	0.472	8.681	8.525	--	USS GT80S	4,750	1,086	--	893	1,122	6,870	--	6,870	6,870	6,830	7,570	7,330	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	L80	4,750	1,086	--	893	1,122	6,870	--	6,870	6,870	6,830	7,570	7,330	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	L80 HC	5,740	1,086	--	893	1,122	6,870	--	6,870	6,870	6,830	7,570	7,330	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	L80 HP	6,190	1,154	--	933	1,147	7,290	--	7,290	7,290	7,260	8,040	7,330	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	N80n	4,750	1,086	--	905	1,161	6,870	--	6,870	6,870	6,830	7,570	6,390	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	N80	4,750	1,086	--	905	1,161	6,870	--	6,870	6,870	6,830	7,570	7,720	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	N80 HC	5,910	1,086	--	905	1,161	6,870	--	6,870	6,870	6,830	7,570	7,720	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	N80 HP	6,430	1,289	--	1,040	1,273	8,150	--	8,150	8,150	8,110	8,990	8,160	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	C90	4,990	1,221	--	987	1,210	7,720	--	7,720	7,720	7,690	8,520	8,560	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	USS C90	4,990	1,221	--	987	1,210	7,720	--	7,720	7,720	7,690	8,520	8,560	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	C95	5,090	1,289	--	1,040	1,273	8,150	--	8,150	8,150	8,110	8,990	8,160	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	T95	5,090	1,289	--	1,040	1,273	8,150	--	8,150	8,150	8,110	8,990	9,010	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	USS C95	5,090	1,289	--	1,040	1,273	8,150	--	8,150	8,150	8,110	8,990	9,010	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	USS C100	5,180	1,357	--	1,068	1,259	8,580	--	8,580	8,580	8,540	9,460	8,610	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	C110	5,300	1,493	--	--	--	9,440	--	--	--	9,400	10,410	10,380	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	P110 SR16	5,300	1,493	--	1,213	1,500	9,440	--	9,440	9,440	9,400	10,410	9,790	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	P110	5,300	1,493	--	1,213	1,500	9,440	--	9,440	9,440	9,400	10,410	10,810	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	P110 HC	6,660	1,493	--	1,213	1,500	9,440	--	9,440	9,440	9,400	10,410	10,810	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	P110 HP	7,210	1,697	--	1,347	1,612	10,730	--	10,730	10,730	10,680	11,830	11,330	10.625	10.125
9 5/8	47.00	46.18	0.472	8.681	8.525	--	Q125	5,630	1,697	--	1,360	1,650	10,730	--	10,730	10,730	10,680	11,830	11,760	10.625	--
9 5/8	47.00	46.18	0.472	8.681	8.525	--	Q125 HC	6,830	1,697	--	1,360	1,650	10,730	--	10,730	10,730	10,680	11,830	11,760	10.625	--
9 5/8	47.00	46.18	0.472	8.681	8.525	--	Q125 HP	7,400	1,832	--	1,454	1,738	11,590	--	11,590	11,590	11,530	12,770	12,260	10.625	--

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped		Regular Coupling in.	Special Clr Coupling in.
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Body psi	STC psi	LTC psi	BTC psi	End psi	End psi					
9 5/8	47.00	46.18	0.472	8.681	8.525	--	USS140	5,890	1,900	--	1,520	1,839	12,010	--	12,010	12,010	11,960	13,250	13,170	10.625	--
9 5/8	47.00	46.18	0.472	8.681	8.525	--	USS V150	6,010	2,036	--	1,627	1,965	12,870	--	12,870	12,870	12,810	14,190	14,120	10.625	--
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	USS GT80S	6,620	1,244	--	1,047	1,286	7,930	--	7,930	7,930	7,880	8,680	8,520	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	L80	6,620	1,244	--	1,047	1,286	7,930	--	7,930	7,930	7,880	8,680	8,520	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	L80 HC	7,510	1,244	--	1,047	1,286	7,930	--	7,930	7,930	7,880	8,680	8,520	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	L80 HP	8,000	1,321	--	1,094	1,314	8,420	--	8,420	8,420	8,370	9,220	8,520	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	N80n	6,620	1,244	--	1,062	1,329	7,930	--	7,930	7,930	7,880	8,680	7,420	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	N80	6,620	1,244	--	1,062	1,329	7,930	--	7,930	7,930	7,880	8,680	8,960	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	N80 HC	7,800	1,244	--	1,062	1,329	7,930	--	7,930	7,930	7,880	8,680	8,960	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	N80 HP	8,480	1,477	--	1,220	1,458	9,420	--	9,420	8,830	9,360	10,310	9,480	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	C90	7,110	1,399	--	1,157	1,386	8,920	--	8,920	8,920	8,870	9,760	9,950	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	USS C90	7,110	1,399	--	1,157	1,386	8,920	--	8,920	8,920	8,870	9,760	9,950	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	C95	7,340	1,477	--	1,220	1,458	9,420	--	9,420	9,420	9,360	10,310	9,480	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	T95	7,340	1,477	--	1,220	1,458	9,420	--	9,420	9,420	9,360	10,310	10,480	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	USS C95	7,340	1,477	--	1,220	1,458	9,420	--	9,420	9,420	9,360	10,310	10,480	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	USS C100	7,560	1,555	--	1,253	1,442	9,910	--	9,910	9,910	9,850	10,850	10,000	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	C110	7,950	1,710	--	--	--	10,900	--	--	--	10,840	11,930	12,070	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	P110 SR16	7,950	1,710	--	1,422	1,718	10,900	--	10,900	10,900	10,840	11,930	11,370	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	P110	7,950	1,710	--	1,422	1,718	10,900	--	10,900	10,900	10,840	11,930	12,570	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	P110 HC	9,190	1,710	--	1,422	1,718	10,900	--	10,900	10,900	10,840	11,930	12,570	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	P110 HP	9,930	1,943	--	1,580	1,847	12,390	--	12,390	12,140	12,310	13,560	13,170	10.625	10.125
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	Q125	8,440	1,943	--	1,595	1,890	12,390	--	12,390	12,390	12,310	13,560	13,680	10.625	--
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	Q125 HC	9,540	1,943	--	1,595	1,890	12,390	--	12,390	12,390	12,310	13,560	13,680	10.625	--
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	Q125 HP	10,310	2,099	--	1,705	1,991	13,380	--	13,380	13,380	13,300	14,650	14,250	10.625	--
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	USS140	8,800	2,177	--	1,783	2,107	13,880	--	13,880	13,880	13,790	15,190	15,310	10.625	--
9 5/8	53.50	52.90	0.545	8.535	8.379	8.500	USS V150	8,960	2,332	--	1,908	2,251	14,870	--	14,870	14,870	14,780	16,270	16,410	10.625	--
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	USS GT80S	7,890	1,350	--	1,151	1,396	8,660	--	8,660	8,660	8,600	9,430	9,340	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	L80	7,890	1,350	--	1,151	1,396	8,660	--	8,660	8,660	8,600	9,430	9,340	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	L80 HC	8,670	1,350	--	1,151	1,396	8,660	--	8,660	8,660	8,600	9,430	9,340	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	L80 HP	9,180	1,435	--	1,203	1,426	9,200	--	9,200	8,830	9,130	10,020	9,340	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	N80n	7,890	1,350	--	1,167	1,443	8,660	--	8,660	8,660	8,600	9,430	8,130	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	N80	7,890	1,350	--	1,167	1,443	8,660	--	8,660	8,660	8,600	9,430	9,830	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	N80 HC	9,040	1,350	--	1,167	1,443	8,660	--	8,660	8,660	8,600	9,430	9,830	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	N80 HP	9,830	1,604	--	1,341	1,583	10,280	--	9,630	8,830	10,210	11,200	10,400	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	C90	8,570	1,519	--	1,272	1,504	9,740	--	9,740	9,740	9,670	10,610	10,920	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	USS C90	8,570	1,519	--	1,272	1,504	9,740	--	9,740	9,740	9,670	10,610	10,920	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	C95	8,890	1,604	--	1,341	1,583	10,280	--	10,280	10,280	10,210	11,200	10,400	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	T95	8,890	1,604	--	1,341	1,583	10,280	--	10,280	10,280	10,210	11,200	11,500	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	USS C95	8,890	1,604	--	1,341	1,583	10,280	--	10,280	10,280	10,210	11,200	11,500	10.625	10.125

Dimensional & Grade Designators													Internal Yield						Ductile		
								Collapse Resistance psi	TENSION				API Historical			Lame' - Von Mises		Rupture Capped End psi	Outside Diameter		
O D	Weight		NOM	NOM	API	Alternate	Product		Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled		Open	Capped		Regular Coupling in.	Special Clr Coupling in.	
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.	Grade		Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Body psi	STC psi	LTC psi	BTC psi	End psi	End psi	End psi				
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	USS C100	9,190	1,688	--	1,377	1,566	10,830	--	10,830	10,830	10,750	11,790	10,980	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	C110	9,770	1,857	--	--	--	11,910	--	--	--	11,820	12,970	13,240	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	P110 SR16	9,770	1,857	--	1,563	1,865	11,910	--	11,910	11,910	11,820	12,970	12,480	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	P110	9,770	1,857	--	1,563	1,865	11,910	--	11,910	11,910	11,820	12,970	13,790	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	P110 HC	10,940	1,857	--	1,563	1,865	11,910	--	11,910	11,910	11,820	12,970	13,790	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	P110 HP	11,800	2,110	--	1,737	2,005	13,530	--	13,280	12,140	13,430	14,740	14,450	10.625	10.125
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	Q125	10,540	2,110	--	1,754	2,052	13,530	--	13,530	13,530	13,430	14,740	15,010	10.625	--
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	Q125 HC	11,450	2,110	--	1,754	2,052	13,530	--	13,530	13,530	13,430	14,740	15,010	10.625	--
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	Q125 HP	12,340	2,279	--	1,875	2,161	14,620	--	14,620	13,800	14,510	15,910	15,640	10.625	--
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	USS140	11,190	2,363	--	1,960	2,287	15,160	--	15,160	15,160	15,040	16,500	16,800	10.625	--
9 5/8	58.40	57.44	0.595	8.435	8.279	8.375	USS V150	11,560	2,532	--	2,098	2,444	16,240	--	16,240	16,240	16,120	17,680	18,010	10.625	--
9 5/8	59.40	58.70	0.609	8.407	8.251	--	C90	8,970	1,553	--	--	--	9,970	--	--	--	9,890	10,850	11,190	--	--
9 5/8	59.40	58.70	0.609	8.407	8.251	--	USS C90	8,970	1,553	--	--	--	9,970	--	--	--	9,890	10,850	11,190	--	--
9 5/8	59.40	58.70	0.609	8.407	8.251	--	T95	9,320	1,639	--	--	--	10,520	--	--	--	10,440	11,450	11,780	--	--
9 5/8	59.40	58.70	0.609	8.407	8.251	--	USS C95	9,320	1,639	--	--	--	10,520	--	--	--	10,440	11,450	11,780	--	--
9 5/8	59.40	58.70	0.609	8.407	8.251	--	USS C100	9,650	1,725	--	--	--	11,080	--	--	--	10,990	12,050	11,240	--	--
9 5/8	59.40	58.70	0.609	8.407	8.251	--	C110	10,280	1,898	--	--	--	12,180	--	--	--	12,090	13,260	13,560	--	--
9 5/8	61.10	60.13	0.625	8.375	8.219	--	USS C100	10,170	1,767	--	--	--	11,370	--	--	--	11,270	12,350	11,560	--	--
9 5/8	61.10	60.13	0.625	8.375	8.219	--	C110	10,860	1,944	--	--	--	12,500	--	--	--	12,400	13,580	13,940	--	--
9 5/8	61.10	60.13	0.625	8.375	8.219	--	P110 SR16	10,860	1,944	--	1,647	1,953	12,500	--	12,500	12,140	12,400	13,580	13,130	10.625	10.125
9 5/8	61.10	60.13	0.625	8.375	8.219	--	P110	10,860	1,944	--	1,647	1,953	12,500	--	12,500	12,140	12,400	13,580	14,520	10.625	10.125
9 5/8	61.10	60.13	0.625	8.375	8.219	--	P110 HC	11,970	1,944	--	1,647	1,953	12,500	--	12,500	12,140	12,400	13,580	14,520	10.625	10.125
9 5/8	61.10	60.13	0.625	8.375	8.219	--	P110 HP	12,900	2,209	--	1,831	2,099	14,210	--	13,280	12,140	14,090	15,430	15,210	10.625	10.125
9 5/8	61.10	60.13	0.625	8.375	8.219	--	Q125	11,800	2,209	--	1,848	2,149	14,210	--	14,210	13,800	14,090	15,430	15,800	10.625	--
9 5/8	61.10	60.13	0.625	8.375	8.219	--	Q125 HC	12,580	2,209	--	1,848	2,149	14,210	--	14,210	13,800	14,090	15,430	15,800	10.625	--
9 5/8	61.10	60.13	0.625	8.375	8.219	--	Q125 HP	13,550	2,386	--	1,976	2,263	15,340	--	15,090	13,800	15,220	16,670	16,460	10.625	--
9 5/8	61.10	60.13	0.625	8.375	8.219	--	USS140	12,630	2,474	--	2,065	2,395	15,910	--	15,910	15,460	15,780	17,290	17,680	10.625	--
9 5/8	61.10	60.13	0.625	8.375	8.219	--	USS V150	13,120	2,651	--	2,210	2,559	17,050	--	17,050	16,560	16,910	18,520	18,960	10.625	--
9 5/8	64.90	64.32	0.672	8.281	8.125	--	C90	10,800	1,701	--	--	--	11,000	--	--	--	10,890	11,890	12,410	--	--
9 5/8	64.90	64.32	0.672	8.281	8.125	--	USS C90	10,800	1,701	--	--	--	11,000	--	--	--	10,890	11,890	12,410	--	--
9 5/8	64.90	64.32	0.672	8.281	8.125	--	T95	11,260	1,796	--	--	--	11,610	--	--	--	11,500	12,560	13,070	--	--
9 5/8	64.90	64.32	0.672	8.281	8.125	--	USS C95	11,260	1,796	--	--	--	11,610	--	--	--	11,500	12,560	13,070	--	--
9 5/8	64.90	64.32	0.672	8.281	8.125	--	USS C100	11,710	1,890	--	--	--	12,220	--	--	--	12,100	13,220	12,470	--	--
9 5/8	64.90	64.32	0.672	8.281	8.125	--	C110	12,570	2,079	--	--	--	13,440	--	--	--	13,310	14,540	15,040	--	--
9 5/8	64.90	64.32	0.672	8.281	8.125	--	P110 SR16	12,570	2,079	--	1,778	2,089	13,440	--	13,280	12,140	13,310	14,540	14,170	10.625	10.125
9 5/8	64.90	64.32	0.672	8.281	8.125	--	P110	12,570	2,079	--	1,778	2,089	13,440	--	13,280	12,140	13,310	14,540	15,670	10.625	10.125
9 5/8	64.90	64.32	0.672	8.281	8.125	--	P110 HC	13,540	2,079	--	1,778	2,089	13,440	--	13,280	12,140	13,310	14,540	15,670	10.625	10.125
9 5/8	64.90	64.32	0.672	8.281	8.125	--	P110 HP	14,590	2,363	--	1,975	2,196	15,270	--	13,280	12,140	15,130	16,520	16,420	10.625	10.125
9 5/8	64.90	64.32	0.672	8.281	8.125	--	Q125	13,780	2,363	--	1,994	2,298	15,270	--	15,090	13,800	15,130	16,520	17,050	10.625	--

Dimensional & Grade Designators									TENSION					Internal Yield						Ductile	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Collapse Resistance psi	Joint Strength, 1,000 lbs						API Historical			Lame' - Von Mises		Rupture			
Size	T&C	P E	Wall	I D	Drift	Drift		Product	Yield	Threaded and Coupled			Pipe	Threaded & Coupled			Open	Capped	Capped	Regular	Special Clr	
in.	lb/ft	lb/ft	in.	in.	in.	in.		Grade	Pipe Body	STC	LTC	BTC ^a	psi	STC	LTC	BTC	End	End	End	in.	Coupling	
9 5/8	64.90	64.32	0.672	8.281	8.125	--	Q125 HC	14,320	2,363	--	1,994	2,298	15,270	--	15,090	13,800	15,130	16,520	17,050	10.625	--	
9 5/8	64.90	64.32	0.672	8.281	8.125	--	Q125 HP	15,400	2,552	--	2,132	2,372	16,490	--	15,090	13,800	16,340	17,840	17,770	10.625	--	
9 5/8	64.90	64.32	0.672	8.281	8.125	--	USS140	14,890	2,646	--	2,229	2,561	17,110	--	16,910	15,460	16,940	18,500	19,090	10.625	--	
9 5/8	64.90	64.32	0.672	8.281	8.125	--	USS V150	15,570	2,835	--	2,385	2,737	18,330	--	18,110	16,560	18,150	19,820	20,460	10.625	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	C90	12,600	1,845	--	--	--	12,010	--	--	--	11,870	12,910	13,630	--	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	USS C90	12,600	1,845	--	--	--	12,010	--	--	--	11,870	12,910	13,630	--	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	T95	13,170	1,948	--	--	--	12,670	--	--	--	12,530	13,630	14,350	--	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	USS C95	13,170	1,948	--	--	--	12,670	--	--	--	12,530	13,630	14,350	--	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	USS C100	13,740	2,050	--	--	--	13,340	--	--	--	13,190	14,350	13,700	--	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	C110	14,830	2,255	--	--	--	14,670	--	--	--	14,510	15,780	16,520	--	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	P110 SR16	14,830	2,255	--	1,948	2,196	14,670	--	13,280	12,140	14,510	15,780	15,550	10.625	10.125	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	P110	14,830	2,255	--	1,948	2,196	14,670	--	13,280	12,140	14,510	15,780	17,210	10.625	10.125	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	P110 HC	15,550	2,255	--	1,948	2,196	14,670	--	13,280	12,140	14,510	15,780	17,210	10.625	10.125	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	P110 HP	16,740	2,563	--	2,164	2,196	16,680	--	13,280	12,140	16,490	17,940	18,030	10.625	10.125	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	Q125	16,390	2,563	--	2,185	2,372	16,680	--	15,090	13,800	16,490	17,940	18,720	10.625	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	Q125 HC	16,540	2,563	--	2,185	2,372	16,680	--	15,090	13,800	16,490	17,940	18,720	10.625	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	Q125 HP	17,760	2,768	--	2,336	2,372	18,010	--	15,090	13,800	17,810	19,370	19,510	10.625	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	USS140	17,870	2,870	--	2,442	2,636	18,680	--	16,910	15,460	18,470	20,090	20,960	10.625	--	
9 5/8	70.30	69.76	0.734	8.157	8.001	--	USS V150	18,800	3,075	--	2,613	2,811	20,010	--	18,110	16,560	19,790	21,520	22,470	10.625	--	
9 5/8	75.60	75.21	0.797	8.031	7.875	--	C90	13,670	1,989	--	--	--	13,030	--	--	--	12,860	13,940	14,880	--	--	
9 5/8	75.60	75.21	0.797	8.031	7.875	--	USS C90	13,670	1,989	--	--	--	13,030	--	--	--	12,860	13,940	14,880	--	--	
9 5/8	75.60	75.21	0.797	8.031	7.875	--	T95	14,430	2,100	--	--	--	13,760	--	--	--	13,580	14,710	15,660	--	--	
9 5/8	75.60	75.21	0.797	8.031	7.875	--	USS C95	14,430	2,100	--	--	--	13,760	--	--	--	13,580	14,710	15,660	--	--	
9 5/8	75.60	75.21	0.797	8.031	7.875	--	USS C100	15,190	2,210	--	--	--	14,480	--	--	--	14,290	15,490	14,960	--	--	
9 5/8	75.60	75.21	0.797	8.031	7.875	--	C110	16,700	2,431	--	--	--	15,930	--	--	--	15,720	17,030	18,040	--	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	K55	5,860	941	682	788	1,120	5,880	5,880	5,880	5,880	5,840	6,410	7,530	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	USS GT80S	7,700	1,369	--	1,020	1,258	8,550	--	8,550	8,550	8,490	9,320	10,180	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	L80	7,700	1,369	--	1,020	1,258	8,550	--	8,550	8,550	8,490	9,320	10,180	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	L80 HC	8,490	1,369	--	1,020	1,258	8,550	--	8,550	8,550	8,490	9,320	10,180	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	L80 HP	9,000	1,455	--	1,067	1,285	9,080	--	9,080	8,830	9,020	9,900	10,180	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	N80n	7,700	1,369	--	1,035	1,301	8,550	--	8,550	8,550	8,490	9,320	10,720	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	N80	7,700	1,369	--	1,035	1,301	8,550	--	8,550	8,550	8,490	9,320	10,720	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	N80 HC	8,850	1,369	--	1,035	1,301	8,550	--	8,550	8,550	8,490	9,320	10,720	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	N80 HP	9,620	1,626	--	1,189	1,426	10,150	--	9,630	8,830	10,080	11,060	11,340	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	C90	8,340	1,540	--	1,128	1,356	9,620	--	9,620	9,620	9,550	10,480	10,770	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	USS C90	8,340	1,540	--	1,128	1,356	9,620	--	9,620	9,620	9,550	10,480	10,770	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	C95	8,650	1,626	--	1,189	1,426	10,150	--	10,150	10,150	10,080	11,060	11,340	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	T95	8,650	1,626	--	1,189	1,426	10,150	--	10,150	10,150	10,080	11,060	11,340	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	USS C95	8,650	1,626	--	1,189	1,426	10,150	--	10,150	10,150	10,080	11,060	11,340	10.625	--	

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	End psi	Regular		Special Clr	
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.		Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a	Body psi	STC	LTC	BTC	End psi	End psi	End psi		Coupling in.	Coupling in.		
9 3/4	59.20	58.23	0.595	8.560	8.404	--	USS C100	8,940	1,711	--	1,221	1,411	10,690	--	10,690	10,690	10,610	11,650	10,830	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	C110	9,490	1,882	--	--	--	11,760	--	--	--	11,670	12,810	13,600	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	P110 SR16	9,490	1,882	--	1,386	1,681	11,760	--	11,760	11,760	11,670	12,810	12,310	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	P110	9,490	1,882	--	1,386	1,681	11,760	--	11,760	11,760	11,670	12,810	13,600	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	P110 HC	10,670	1,882	--	1,386	1,681	11,760	--	11,760	11,760	11,670	12,810	13,600	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	P110 HP	11,520	2,139	--	1,541	1,807	13,360	--	13,280	12,140	13,260	14,560	14,250	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	Q125	10,210	2,139	--	1,555	1,850	13,360	--	13,360	13,360	13,260	14,560	14,800	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	Q125 HC	11,160	2,139	--	1,555	1,850	13,360	--	13,360	13,360	13,260	14,560	14,800	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	Q125 HP	12,030	2,310	--	1,663	1,948	14,430	--	14,430	13,800	14,320	15,720	15,430	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	USS140	10,820	2,396	--	1,738	2,061	14,960	--	14,960	14,960	14,850	16,300	16,570	10.625	--	
9 3/4	59.20	58.23	0.595	8.560	8.404	--	USS V150	11,160	2,567	--	1,860	2,202	16,030	--	16,030	16,030	15,910	17,470	17,760	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	K55	6,230	999	636	735	1,055	6,090	6,090	6,090	6,070	6,050	6,630	7,810	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	USS GT80S	8,260	1,453	--	952	1,185	8,860	--	8,860	8,830	8,790	9,640	10,580	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	L80	8,260	1,453	--	952	1,185	8,860	--	8,860	8,830	8,790	9,640	10,580	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	L80 HC	8,990	1,453	--	952	1,185	8,860	--	8,860	8,830	8,790	9,640	10,580	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	L80 HP	9,510	1,544	--	995	1,211	9,420	--	9,420	8,830	9,340	10,250	10,580	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	N80n	8,260	1,453	--	965	1,226	8,860	--	8,860	8,830	8,790	9,640	11,130	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	N80	8,260	1,453	--	965	1,226	8,860	--	8,860	8,830	8,790	9,640	11,130	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	N80 HC	9,380	1,453	--	965	1,226	8,860	--	8,860	8,830	8,790	9,640	11,130	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	N80 HP	10,200	1,725	--	1,109	1,344	10,520	--	9,630	8,830	10,440	11,450	11,780	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	C90	8,980	1,635	--	1,052	1,278	9,970	--	9,970	9,940	9,890	10,850	11,190	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	USS C90	8,980	1,635	--	1,052	1,278	9,970	--	9,970	9,940	9,890	10,850	11,190	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	C95	9,320	1,725	--	1,109	1,344	10,520	--	10,520	10,490	10,440	11,450	11,780	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	T95	9,320	1,725	--	1,109	1,344	10,520	--	10,520	10,490	10,440	11,450	11,780	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	USS C95	9,320	1,725	--	1,109	1,344	10,520	--	10,520	10,490	10,440	11,450	11,780	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	USS C100	9,650	1,816	--	1,139	1,330	11,080	--	11,080	11,040	10,990	12,050	11,250	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	C110	10,280	1,998	--	--	--	12,190	--	--	--	12,090	13,260	14,130	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	P110 SR16	10,280	1,998	--	1,293	1,584	12,190	--	12,190	12,140	12,090	13,260	12,780	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	P110	10,280	1,998	--	1,293	1,584	12,190	--	12,190	12,140	12,090	13,260	14,130	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	P110 HC	11,430	1,998	--	1,293	1,584	12,190	--	12,190	12,140	12,090	13,260	14,130	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	P110 HP	12,320	2,270	--	1,437	1,702	13,850	--	13,280	12,140	13,740	15,070	14,800	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	Q125	11,140	2,270	--	1,451	1,743	13,850	--	13,850	13,800	13,740	15,070	15,370	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	Q125 HC	11,980	2,270	--	1,451	1,743	13,850	--	13,850	13,800	13,740	15,070	15,370	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	Q125 HP	12,910	2,452	--	1,551	1,835	14,960	--	14,960	13,800	14,840	16,270	16,020	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	USS140	11,870	2,543	--	1,622	1,942	15,510	--	15,510	15,460	15,390	16,870	17,210	10.625	--	
9 7/8	62.80	61.80	0.625	8.625	8.469	8.500	USS V150	12,300	2,724	--	1,735	2,075	16,620	--	16,620	16,560	16,490	18,080	18,450	10.625	--	
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	K55	6,650	1,036	671	775	1,105	6,340	6,180	6,340	6,070	6,280	6,880	8,140	10.625	--	
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	USS GT80S	8,880	1,507	--	1,005	1,241	9,220	--	9,220	8,830	9,140	10,010	11,030	10.625	--	
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	L80	8,880	1,507	--	1,005	1,241	9,220	--	9,220	8,830	9,140	10,010	11,030	10.625	--	

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped		End psi	Regular
Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Body psi	STC	LTC	BTC	End psi	End psi	End psi	Coupling in.	Coupling in.		
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	L80 HC	9,530	1,507	--	1,005	1,241	9,220	--	9,220	8,830	9,140	10,010	11,030	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	L80 HP	10,060	1,601	--	1,050	1,268	9,800	--	9,630	8,830	9,710	10,630	11,030	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	N80n	8,880	1,507	--	1,019	1,283	9,220	--	9,220	8,830	9,140	10,010	11,610	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	N80	8,880	1,507	--	1,019	1,283	9,220	--	9,220	8,830	9,140	10,010	11,610	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	N80 HC	9,970	1,507	--	1,019	1,283	9,220	--	9,220	8,830	9,140	10,010	11,610	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	N80 HP	10,830	1,790	--	1,171	1,407	10,950	--	9,630	8,830	10,860	11,880	12,280	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	C90	9,690	1,695	--	1,111	1,338	10,370	--	10,370	9,940	10,280	11,260	11,670	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	USS C90	9,690	1,695	--	1,111	1,338	10,370	--	10,370	9,940	10,280	11,260	11,670	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	C95	10,080	1,790	--	1,171	1,407	10,950	--	10,950	10,490	10,860	11,880	12,280	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	T95	10,080	1,790	--	1,171	1,407	10,950	--	10,950	10,490	10,860	11,880	12,280	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	USS C95	10,080	1,790	--	1,171	1,407	10,950	--	10,950	10,490	10,860	11,880	12,280	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	USS C100	10,450	1,884	--	1,202	1,392	11,520	--	11,520	11,040	11,430	12,510	11,730	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	C110	11,170	2,072	--	--	--	12,680	--	--	--	12,570	13,760	14,730	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	P110 SR16	11,170	2,072	--	1,365	1,659	12,680	--	12,680	12,140	12,570	13,760	13,320	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	P110	11,170	2,072	--	1,365	1,659	12,680	--	12,680	12,140	12,570	13,760	14,730	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	P110 HC	12,260	2,072	--	1,365	1,659	12,680	--	12,680	12,140	12,570	13,760	14,730	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	P110 HP	13,210	2,355	--	1,517	1,783	14,410	--	13,280	12,140	14,280	15,630	15,430	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	Q125	12,160	2,355	--	1,531	1,825	14,410	--	14,410	13,800	14,280	15,630	16,030	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	Q125 HC	12,900	2,355	--	1,531	1,825	14,410	--	14,410	13,800	14,280	15,630	16,030	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	Q125 HP	13,890	2,543	--	1,637	1,922	15,560	--	15,090	13,800	15,430	16,880	16,700	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	USS140	13,050	2,637	--	1,711	2,034	16,130	--	16,130	15,460	16,000	17,510	17,940	10.625	--
9 7/8	65.10	64.10	0.650	8.575	8.419	8.500	USS V150	13,570	2,826	--	1,831	2,173	17,290	--	17,290	16,560	17,140	18,760	19,240	10.625	--
10 3/4	32.75	31.23	0.279	10.192	10.036	--	H40	840	367	205	--	--	1,820	1,820	--	--	1,810	2,050	1,960	11.750	11.25
10 3/4	40.50	38.91	0.350	10.050	9.894	--	H40	1,390	457	314	--	--	2,280	2,280	--	--	2,270	2,550	2,470	11.750	11.25
10 3/4	40.50	38.91	0.350	10.050	9.894	--	J55	1,580	629	420	--	700	3,130	3,130	--	3,130	3,120	3,510	3,110	11.750	11.25
10 3/4	40.50	38.91	0.350	10.050	9.894	--	K55	1,580	629	450	--	819	3,130	3,130	--	3,130	3,120	3,510	3,930	11.750	11.25
10 3/4	40.50	38.91	0.350	10.050	9.894	--	USS HCK55	1,900	629	450	--	819	3,130	3,130	--	3,130	3,120	3,510	3,930	11.750	11.25
10 3/4	40.50	38.91	0.350	10.050	9.894	--	USS FS80	2,100	858	562	--	911	4,270	4,270	--	4,270	4,260	4,780	4,790	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	J55	2,090	715	493	--	796	3,580	3,580	--	3,580	3,570	3,990	3,560	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	K55	2,090	715	528	--	931	3,580	3,580	--	3,580	3,570	3,990	4,510	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	USS HCK55	2,840	715	528	--	931	3,580	3,580	--	3,580	3,570	3,990	4,510	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	USS FS80	2,960	975	659	--	1,037	4,880	4,880	--	4,880	4,870	5,440	5,500	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	L80	2,470	1,040	692	--	1,063	5,210	5,210	--	5,210	5,200	5,810	5,510	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	L80 HC	2,940	1,040	692	--	1,063	5,210	5,210	--	5,210	5,200	5,810	5,510	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	L80 HP	3,120	1,106	725	--	1,089	5,690	5,690	--	5,690	5,680	6,340	5,700	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	N80n	2,470	1,040	701	--	1,097	5,210	5,210	--	5,210	5,200	5,810	4,810	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	N80	2,470	1,040	701	--	1,097	5,210	5,210	--	5,210	5,200	5,810	5,800	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	N80 HC	3,020	1,040	701	--	1,097	5,210	5,210	--	5,210	5,200	5,810	5,800	11.750	11.25
10 3/4	45.50	44.26	0.400	9.950	9.794	9.875	N80 HP	3,220	1,236	808	--	1,209	6,360	6,360	--	6,360	6,340	7,090	6,350	11.750	11.25

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter			
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade		Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi		Regular Coupling in.	Special Clr Coupling in.		
	T&C lb/ft	P E lb/ft												STC	LTC	BTC ^a			STC psi			LTC psi	BTC psi
									Yield Pipe Body	Threaded and Coupled													
10 3/4	51.00	49.55	0.450	9.850	9.694	--	J55	2,710	801	565	--	891	4,030	4,030	--	4,030	4,020	4,470	4,020	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	K55	2,710	801	606	--	1,043	4,030	4,030	--	4,030	4,020	4,470	5,100	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	USS HCK55	4,040	801	606	--	1,043	4,030	4,030	--	4,030	4,020	4,470	5,100	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	USS FS80	3,930	1,092	756	--	1,160	5,500	5,500	--	5,500	5,480	6,100	6,210	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	USS GT80S	3,220	1,165	794	--	1,190	5,860	5,860	--	5,860	5,840	6,500	6,230	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	L80	3,220	1,165	794	--	1,190	5,860	5,860	--	5,860	5,840	6,500	6,230	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	L80 HC	3,890	1,165	794	--	1,190	5,860	5,860	--	5,860	5,840	6,500	6,230	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	L80 HP	4,130	1,238	831	--	1,219	6,400	6,400	--	6,400	6,380	7,110	6,440	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	N80n	3,220	1,165	804	--	1,228	5,860	5,860	--	5,860	5,840	6,500	5,430	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	N80	3,220	1,165	804	--	1,228	5,860	5,860	--	5,860	5,840	6,500	6,550	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	N80 HC	4,030	1,165	804	--	1,228	5,860	5,860	--	5,860	5,840	6,500	6,550	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	N80 HP	4,300	1,383	927	--	1,354	7,160	7,160	--	7,160	7,130	7,940	7,170	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	C90	3,400	1,310	879	--	1,287	6,600	6,600	--	6,600	6,570	7,320	7,270	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	USS C90	3,400	1,310	879	--	1,287	6,600	6,600	--	6,600	6,570	7,320	7,270	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	C95	3,480	1,383	927	--	1,354	6,960	6,960	--	6,960	6,940	7,720	6,930	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	T95	3,480	1,383	927	--	1,354	6,960	6,960	--	6,960	6,940	7,720	7,650	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	USS C95	3,480	1,383	927	--	1,354	6,960	6,960	--	6,960	6,940	7,720	7,650	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	USS C100	3,550	1,456	954	--	1,345	7,330	7,330	--	7,330	7,310	8,130	7,310	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	C110	3,660	1,602	--	--	--	8,060	--	--	--	8,040	8,940	8,810	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	P110 SR16	3,660	1,602	1,079	--	1,594	8,060	8,060	--	8,060	8,040	8,940	8,320	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	P110	3,660	1,602	1,079	--	1,594	8,060	8,060	--	8,060	8,040	8,940	9,180	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	P110 HC	4,390	1,602	1,079	--	1,594	8,060	8,060	--	8,060	8,040	8,940	9,180	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	P110 HP	4,670	1,820	1,202	--	1,720	9,420	9,420	--	9,420	9,380	10,450	9,910	11.750	11.25		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	Q125	3,740	1,820	1,212	--	1,758	9,160	9,160	--	9,160	9,130	10,160	9,990	11.750	--		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	Q125 HC	4,470	1,820	1,212	--	1,758	9,160	9,160	--	9,160	9,130	10,160	9,990	11.750	--		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	Q125 HP	4,750	1,966	1,297	--	1,854	10,170	10,170	--	10,170	10,140	11,290	10,730	11.750	--		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	USS140	3,750	2,039	1,355	--	1,959	10,260	10,260	--	10,260	10,230	11,380	11,180	11.750	--		
10 3/4	51.00	49.55	0.450	9.850	9.694	--	USS V150	3,750	2,184	1,450	--	2,094	11,000	11,000	--	11,000	10,960	12,190	11,980	11.750	--		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	USS HCK55	4,780	877	675	--	1,142	4,430	4,430	--	4,430	4,410	4,900	5,620	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	USS FS80	4,850	1,196	842	--	1,271	6,040	6,040	--	6,040	6,020	6,680	6,850	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	USS GT80S	4,020	1,276	884	--	1,303	6,440	6,440	--	6,440	6,420	7,130	6,860	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	L80	4,020	1,276	884	--	1,303	6,440	6,440	--	6,440	6,420	7,130	6,860	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	L80 HC	4,790	1,276	884	--	1,303	6,440	6,440	--	6,440	6,420	7,130	6,860	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	L80 HP	5,080	1,355	926	--	1,335	7,050	7,050	--	7,050	7,010	7,790	7,100	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	N80n	4,020	1,276	895	--	1,345	6,440	6,440	--	6,440	6,420	7,130	5,980	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	N80	4,020	1,276	895	--	1,345	6,440	6,440	--	6,440	6,420	7,130	7,230	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	N80 HC	5,000	1,276	895	--	1,345	6,440	6,440	--	6,440	6,420	7,130	7,230	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	N80 HP	5,350	1,515	1,032	--	1,483	7,870	7,870	--	7,870	7,840	8,700	7,910	11.750	11.25		
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	C90	4,160	1,435	979	--	1,409	7,250	7,250	--	7,250	7,220	8,020	8,020	11.750	11.25		

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield						Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				API Historical			Lame' - Von Mises		Rupture			
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled			Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.
									Pipe Body	STC	LTC	BTC ^a		STC psi	LTC psi	BTC psi					
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	USS C90	4,160	1,435	979	--	1,409	7,250	7,250	--	7,250	7,220	8,020	8,020	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	C95	4,290	1,515	1,032	--	1,483	7,650	7,650	--	7,650	7,620	8,460	7,640	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	T95	4,290	1,515	1,032	--	1,483	7,650	7,650	--	7,650	7,620	8,460	8,440	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	USS C95	4,290	1,515	1,032	--	1,483	7,650	7,650	--	7,650	7,620	8,460	8,440	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	USS C100	4,410	1,595	1,063	--	1,474	8,060	8,060	--	8,060	8,020	8,910	8,060	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	C110	4,610	1,754	--	--	--	8,860	--	--	--	8,830	9,800	9,720	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	P110 SR16	4,610	1,754	1,202	--	1,745	8,860	8,860	--	8,860	8,830	9,800	9,170	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	P110	4,610	1,754	1,202	--	1,745	8,860	8,860	--	8,860	8,830	9,800	10,120	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	P110 HC	5,570	1,754	1,202	--	1,745	8,860	8,860	--	8,860	8,830	9,800	10,120	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	P110 HP	5,930	1,993	1,339	--	1,883	10,360	10,360	--	10,360	10,320	11,450	10,940	11.750	11.25
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	Q125	4,850	1,993	1,350	--	1,925	10,070	10,070	--	10,070	10,030	11,140	11,010	11.750	--
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	Q125 HC	5,710	1,993	1,350	--	1,925	10,070	10,070	--	10,070	10,030	11,140	11,010	11.750	--
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	Q125 HP	6,070	2,153	1,445	--	2,031	11,190	11,190	--	11,190	11,140	12,370	11,840	11.750	--
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	USS140	4,990	2,233	1,509	--	2,146	11,280	11,280	--	11,280	11,230	12,470	12,330	11.750	--
10 3/4	55.50	54.26	0.495	9.760	9.604	9.625	USS V150	5,030	2,392	1,616	--	2,293	12,080	12,080	--	12,080	12,030	13,360	13,220	11.750	--
10 3/4	60.70	59.45	0.545	9.660	9.504	--	USS FS80	5,900	1,310	937	--	1,393	6,660	6,660	--	6,660	6,620	7,330	7,570	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	USS GT80S	5,160	1,398	983	--	1,428	7,100	7,100	--	7,100	7,060	7,810	7,590	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	L80	5,160	1,398	983	--	1,428	7,100	7,100	--	7,100	7,060	7,810	7,590	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	L80 HC	5,810	1,398	983	--	1,428	7,100	7,100	--	7,100	7,060	7,810	7,590	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	L80 HP	6,160	1,485	1,030	--	1,463	7,760	7,760	--	7,760	7,720	8,540	7,850	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	N80n	5,160	1,398	996	--	1,473	7,100	7,100	--	7,100	7,060	7,810	6,610	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	N80	5,160	1,398	996	--	1,473	7,100	7,100	--	7,100	7,060	7,810	7,990	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	N80 HC	6,110	1,398	996	--	1,473	7,100	7,100	--	7,100	7,060	7,810	7,990	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	N80 HP	6,550	1,660	1,148	--	1,625	8,670	8,180	--	7,990	8,620	9,540	8,740	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	C90	5,460	1,573	1,089	--	1,544	7,990	7,990	--	7,990	7,950	8,790	8,870	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	USS C90	5,460	1,573	1,089	--	1,544	7,990	7,990	--	7,990	7,950	8,790	8,870	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	C95	5,580	1,660	1,148	--	1,625	8,430	8,430	--	8,430	8,390	9,280	8,450	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	T95	5,580	1,660	1,148	--	1,625	8,430	8,430	--	8,430	8,390	9,280	9,330	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	USS C95	5,580	1,660	1,148	--	1,625	8,430	8,430	--	8,430	8,390	9,280	9,330	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	USS C100	5,700	1,747	1,182	--	1,615	8,870	8,870	--	8,870	8,830	9,770	8,910	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	C110	5,880	1,922	--	--	--	9,760	--	--	--	9,710	10,740	10,750	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	P110 SR16	5,880	1,922	1,337	--	1,912	9,760	9,760	--	9,760	9,710	10,740	10,140	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	P110	5,880	1,922	1,337	--	1,912	9,760	9,760	--	9,760	9,710	10,740	11,200	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	P110 HC	6,990	1,922	1,337	--	1,912	9,760	9,760	--	9,760	9,710	10,740	11,200	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	P110 HP	7,430	2,184	1,489	--	2,064	11,410	11,280	--	10,980	11,350	12,550	12,100	11.750	11.25
10 3/4	60.70	59.45	0.545	9.660	9.504	--	Q125	6,070	2,184	1,502	--	2,109	11,090	11,090	--	11,090	11,040	12,210	12,180	11.750	--
10 3/4	60.70	59.45	0.545	9.660	9.504	--	Q125 HC	7,210	2,184	1,502	--	2,109	11,090	11,090	--	11,090	11,040	12,210	12,180	11.750	--
10 3/4	60.70	59.45	0.545	9.660	9.504	--	Q125 HP	7,660	2,359	1,608	--	2,225	12,320	12,320	--	12,320	12,250	13,560	13,090	11.750	--
10 3/4	60.70	59.45	0.545	9.660	9.504	--	USS140	6,390	2,446	1,679	--	2,351	12,420	12,420	--	12,420	12,360	13,670	13,640	11.750	--

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				Internal Yield						Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade	Joint Strength, 1,000 lbs				API Historical			Lame' - Von Mises		End psi	End psi	End psi		Regular Coupling in.	Special Clr Coupling in.
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.		Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a	Pipe Body psi	Threaded & Coupled			Open psi	Capped psi						
												STC psi	LTC psi	BTC psi								
10 3/4	60.70	59.45	0.545	9.660	9.504	--	USS V150	6,550	2,621	1,797	--	2,513	13,310	13,310	--	13,310	13,250	14,650	14,620	11.750	--	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	USS FS80	6,950	1,424	1,031	--	1,513	7,270	7,270	--	7,270	7,230	7,960	8,300	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	USS GT80S	6,300	1,519	1,082	--	1,551	7,750	7,750	--	7,750	7,710	8,490	8,320	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	L80	6,300	1,519	1,082	--	1,551	7,750	7,750	--	7,750	7,710	8,490	8,320	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	L80 HC	6,820	1,519	1,082	--	1,551	7,750	7,750	--	7,750	7,710	8,490	8,320	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	L80 HP	7,230	1,613	1,133	--	1,590	8,470	8,180	--	7,990	8,420	9,280	8,600	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	N80n	6,300	1,519	1,096	--	1,600	7,750	7,750	--	7,750	7,710	8,490	7,250	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	N80	6,300	1,519	1,096	--	1,600	7,750	7,750	--	7,750	7,710	8,490	8,760	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	N80 HC	7,230	1,519	1,096	--	1,600	7,750	7,750	--	7,750	7,710	8,490	8,760	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	N80 HP	7,760	1,803	1,263	--	1,765	9,460	8,180	--	7,990	9,410	10,370	9,580	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	C90	6,760	1,708	1,198	--	1,677	8,720	8,720	--	8,720	8,670	9,560	9,720	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	USS C90	6,760	1,708	1,198	--	1,677	8,720	8,720	--	8,720	8,670	9,560	9,720	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	C95	6,970	1,803	1,263	--	1,765	9,210	9,210	--	9,210	9,150	10,090	9,270	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	T95	6,970	1,803	1,263	--	1,765	9,210	9,210	--	9,210	9,150	10,090	10,240	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	USS C95	6,970	1,803	1,263	--	1,765	9,210	9,210	--	9,210	9,150	10,090	10,240	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	USS C100	7,160	1,898	1,300	--	1,754	9,690	9,690	--	9,690	9,640	10,620	9,770	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	C110	7,500	2,088	--	--	--	10,660	--	--	--	10,600	11,680	11,790	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	P110 SR16	7,500	2,088	1,471	--	2,077	10,660	10,660	--	10,660	10,600	11,680	11,110	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	P110	7,500	2,088	1,471	--	2,077	10,660	10,660	--	10,660	10,600	11,680	12,280	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	P110 HC	8,470	2,088	1,471	--	2,077	10,660	10,660	--	10,660	10,600	11,680	12,280	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	P110 HP	9,010	2,373	1,639	--	2,242	12,450	11,280	--	10,980	12,380	13,640	13,260	11.750	11.25	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	Q125	7,920	2,373	1,652	--	2,291	12,120	12,120	--	12,120	12,040	13,270	13,360	11.750	--	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	Q125 HC	8,790	2,373	1,652	--	2,291	12,120	12,120	--	12,120	12,040	13,270	13,360	11.750	--	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	Q125 HP	9,340	2,563	1,768	--	2,417	13,450	12,820	--	12,480	13,370	14,730	14,360	11.750	--	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	USS140	8,200	2,657	1,847	--	2,554	13,570	13,570	--	13,570	13,490	14,870	14,960	11.750	--	
10 3/4	65.70	64.59	0.595	9.560	9.404	--	USS V150	8,320	2,847	1,977	--	2,730	14,540	14,540	--	14,540	14,450	15,930	16,030	11.750	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	C90	8,760	1,915	--	--	--	9,850	--	--	--	9,770	10,720	11,040	--	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	USS C90	8,760	1,915	--	--	--	9,850	--	--	--	9,770	10,720	11,040	--	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	T95	9,090	2,021	--	--	--	10,390	--	--	--	10,310	11,320	11,620	--	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	USS C95	9,090	2,021	--	--	--	10,390	--	--	--	10,310	11,320	11,620	--	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	USS C100	9,410	2,128	--	--	--	10,940	--	--	--	10,860	11,910	11,100	--	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	C110	10,010	2,340	--	--	--	12,030	--	--	--	11,940	13,100	13,380	--	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	P110 SR16	10,010	2,340	1,675	--	2,328	12,030	11,280	--	10,980	11,940	13,100	12,610	11.750	11.25	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	P110	10,010	2,340	1,675	--	2,328	12,030	11,280	--	10,980	11,940	13,100	13,940	11.750	11.25	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	P110 HC	10,790	2,340	1,675	--	2,328	12,030	11,280	--	10,980	11,940	13,100	13,940	11.750	11.25	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	P110 HP	11,480	2,660	1,865	--	2,443	14,070	11,280	--	10,980	13,950	15,300	15,080	11.750	11.25	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	Q125	10,810	2,660	1,881	--	2,568	13,670	12,820	--	12,480	13,570	14,890	15,170	11.750	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	Q125 HC	11,300	2,660	1,881	--	2,568	13,670	12,820	--	12,480	13,570	14,890	15,170	11.750	--	
10 3/4	73.20	72.40	0.672	9.406	9.250	--	Q125 HP	12,010	2,872	2,013	--	2,638	15,190	12,820	--	12,480	15,070	16,530	16,320	11.750	--	

Dimensional & Grade Designators													Internal Yield				Ductile				
Weight			NOM	NOM	API	Alternate		Collapse Resistance psi	TENSION				API Historical			Lame' - Von Mises		Rupture	Outside Diameter		
O D Size in.	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.	Product Grade		Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.
									Yield Pipe Body	Threaded and Coupled				STC psi	LTC psi	BTC psi					
10 3/4	73.20	72.40	0.672	9.406	9.250	--	USS140	11,510	2,979	2,103	--	2,863	15,320	14,360	--	13,980	15,200	16,680	16,980	11.750	--
10 3/4	73.20	72.40	0.672	9.406	9.250	--	USS V150	11,900	3,191	2,251	--	3,060	16,410	15,380	--	14,970	16,290	17,870	18,210	11.750	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	C90	10,370	2,079	--	--	--	10,750	--	--	--	10,650	11,650	12,120	--	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	USS C90	10,370	2,079	--	--	--	10,750	--	--	--	10,650	11,650	12,120	--	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	T95	10,800	2,194	--	--	--	11,350	--	--	--	11,240	12,300	12,750	--	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	USS C95	10,800	2,194	--	--	--	11,350	--	--	--	11,240	12,300	12,750	--	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	USS C100	11,220	2,310	--	--	--	11,940	--	--	--	11,840	12,940	12,180	--	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	C110	12,020	2,541	--	--	--	13,140	--	--	--	13,020	14,240	14,690	--	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	P110 SR16	12,020	2,541	1,836	--	2,443	13,140	11,280	--	10,980	13,020	14,240	13,830	11.750	11.25
10 3/4	79.20	78.59	0.734	9.282	9.126	--	P110	12,020	2,541	1,836	--	2,443	13,140	11,280	--	10,980	13,020	14,240	15,300	11.750	11.25
10 3/4	79.20	78.59	0.734	9.282	9.126	--	P110 HC	12,640	2,541	1,836	--	2,443	13,140	11,280	--	10,980	13,020	14,240	15,300	11.750	11.25
10 3/4	79.20	78.59	0.734	9.282	9.126	--	P110 HP	13,450	2,887	2,045	--	2,443	15,360	11,280	--	10,980	15,220	16,630	16,550	11.750	11.25
10 3/4	79.20	78.59	0.734	9.282	9.126	--	Q125	13,150	2,887	2,062	--	2,638	14,930	12,820	--	12,480	14,800	16,180	16,650	11.750	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	Q125 HC	13,330	2,887	2,062	--	2,638	14,930	12,820	--	12,480	14,800	16,180	16,650	11.750	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	Q125 HP	14,150	3,118	2,207	--	2,638	16,590	12,820	--	12,480	16,430	17,960	17,920	11.750	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	USS140	14,170	3,233	2,305	--	2,931	16,720	14,360	--	13,980	16,570	18,120	18,640	11.750	--
10 3/4	79.20	78.59	0.734	9.282	9.126	--	USS V150	14,790	3,464	2,468	--	3,126	17,920	15,380	--	14,970	17,750	19,420	19,980	11.750	--
10 3/4	85.30	84.80	0.797	9.156	9.000	--	C90	12,010	2,243	--	--	--	11,670	--	--	--	11,550	12,580	13,220	--	--
10 3/4	85.30	84.80	0.797	9.156	9.000	--	USS C90	12,010	2,243	--	--	--	11,670	--	--	--	11,550	12,580	13,220	--	--
10 3/4	85.30	84.80	0.797	9.156	9.000	--	T95	12,540	2,367	--	--	--	12,320	--	--	--	12,190	13,280	13,920	--	--
10 3/4	85.30	84.80	0.797	9.156	9.000	--	USS C95	12,540	2,367	--	--	--	12,320	--	--	--	12,190	13,280	13,920	--	--
10 3/4	85.30	84.80	0.797	9.156	9.000	--	USS C100	13,060	2,492	--	--	--	12,970	--	--	--	12,830	13,980	13,290	--	--
10 3/4	85.30	84.80	0.797	9.156	9.000	--	C110	14,070	2,741	--	--	--	14,260	--	--	--	14,110	15,380	16,030	--	--
11 3/4	42.00	40.64	0.333	11.084	10.928	11.000	H40	1,040	478	307	--	--	1,980	1,980	--	--	1,980	2,230	2,140	12.750	--
11 3/4	47.00	45.60	0.375	11.000	10.844	--	J55	1,510	737	477	--	807	3,070	3,070	--	3,070	3,060	3,440	3,040	12.750	--
11 3/4	47.00	45.60	0.375	11.000	10.844	--	K55	1,510	737	509	--	935	3,070	3,070	--	3,070	3,060	3,440	3,860	12.750	--
11 3/4	47.00	45.60	0.375	11.000	10.844	--	USS HCK55	1,790	737	509	--	935	3,070	3,070	--	3,070	3,060	3,440	3,860	12.750	--
11 3/4	54.00	52.62	0.435	10.880	10.724	--	J55	2,070	850	568	--	931	3,570	3,570	--	3,570	3,560	3,970	3,550	12.750	--
11 3/4	54.00	52.62	0.435	10.880	10.724	--	K55	2,070	850	606	--	1,079	3,570	3,570	--	3,570	3,560	3,970	4,500	12.750	--
11 3/4	54.00	52.62	0.435	10.880	10.724	--	USS HCK55	2,790	850	606	--	1,079	3,570	3,570	--	3,570	3,560	3,970	4,500	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	J55	2,670	952	649	--	1,042	4,010	4,010	--	4,010	3,990	4,450	4,000	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	K55	2,670	952	693	--	1,208	4,010	4,010	--	4,010	3,990	4,450	5,060	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	USS HCK55	3,970	952	693	--	1,208	4,010	4,010	--	4,010	3,990	4,450	5,060	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	USS GT80S	3,180	1,384	913	--	1,399	5,830	5,830	--	5,830	5,810	6,470	6,190	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	L80	3,180	1,384	913	--	1,399	5,830	5,830	--	5,830	5,810	6,470	6,190	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	L80 HC	3,840	1,384	913	--	1,399	5,830	5,830	--	5,830	5,810	6,470	6,190	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	L80 HP	4,070	1,471	956	--	1,437	6,370	6,370	--	6,370	6,340	7,070	6,400	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	N80n	3,180	1,384	924	--	1,440	5,830	5,830	--	5,830	5,810	6,470	5,400	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	N80	3,180	1,384	924	--	1,440	5,830	5,830	--	5,830	5,810	6,470	6,510	12.750	--

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield						Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				API Historical			Lame' - Von Mises		Rupture	Regular Coupling in.	Special Clr Coupling in.	
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled			Pipe Body psi	Threaded & Coupled			Open psi	Capped psi			Capped psi
									STC	LTC	BTC ^a		STC psi	LTC psi	BTC psi	End psi	End psi	End psi			
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	N80 HC	3,970	1,384	924	--	1,440	5,830	5,830	--	5,830	5,810	6,470	6,510	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	N80 HP	4,240	1,644	1,066	--	1,596	7,120	7,120	--	7,120	7,090	7,900	7,120	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	C90	3,360	1,557	1,011	--	1,517	6,560	6,560	--	6,560	6,530	7,280	7,220	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	USS C90	3,360	1,557	1,011	--	1,517	6,560	6,560	--	6,560	6,530	7,280	7,220	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	C95	3,440	1,644	1,067	--	1,597	6,920	6,920	--	6,920	6,900	7,680	6,900	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	T95	3,440	1,644	1,066	--	1,596	6,920	6,920	--	6,920	6,900	7,680	7,600	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	USS C95	3,440	1,644	1,066	--	1,596	6,920	6,920	--	6,920	6,900	7,680	7,600	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	USS C100	3,500	1,730	1,099	--	1,593	7,290	7,290	--	7,290	7,260	8,080	7,260	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	C110	3,610	1,903	--	--	--	8,010	--	--	--	7,990	8,890	8,750	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	P110 SR16	3,610	1,903	1,242	--	1,877	8,010	8,010	--	8,010	7,990	8,890	8,260	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	P110	3,610	1,903	1,242	--	1,877	8,010	8,010	--	8,010	7,990	8,890	9,120	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	P110 HC	4,320	1,903	1,242	--	1,877	8,010	8,010	--	8,010	7,990	8,890	9,120	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	P110 HP	4,600	2,163	1,384	--	2,033	9,360	9,360	--	9,360	9,330	10,390	9,850	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	Q125	3,680	2,163	1,395	--	2,074	9,110	9,110	--	9,110	9,080	10,100	9,920	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	Q125 HC	4,400	2,163	1,395	--	2,074	9,110	9,110	--	9,110	9,080	10,100	9,920	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	Q125 HP	4,680	2,336	1,494	--	2,192	10,110	10,110	--	10,110	10,080	11,220	10,660	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	USS140	3,680	2,422	1,560	--	2,313	10,200	10,200	--	10,200	10,160	11,320	11,110	12.750	--
11 3/4	60.00	58.87	0.489	10.772	10.616	10.625	USS V150	3,680	2,595	1,670	--	2,473	10,930	10,930	--	10,930	10,890	12,130	11,910	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	USS GT80S	3,870	1,505	1,007	--	1,521	6,360	6,360	--	6,360	6,330	7,040	6,770	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	L80	3,870	1,505	1,007	--	1,521	6,360	6,360	--	6,360	6,330	7,040	6,770	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	L80 HC	4,660	1,505	1,007	--	1,521	6,360	6,360	--	6,360	6,330	7,040	6,770	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	L80 HP	4,940	1,599	1,055	--	1,563	6,950	6,950	--	6,950	6,920	7,690	7,010	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	N80n	3,870	1,505	1,019	--	1,566	6,360	6,360	--	6,360	6,330	7,040	5,900	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	N80	3,870	1,505	1,019	--	1,566	6,360	6,360	--	6,360	6,330	7,040	7,130	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	N80 HC	4,860	1,505	1,019	--	1,566	6,360	6,360	--	6,360	6,330	7,040	7,130	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	N80 HP	5,190	1,788	1,177	--	1,736	7,770	7,540	--	7,360	7,740	8,590	7,800	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	C90	4,060	1,693	1,116	--	1,650	7,150	7,150	--	7,150	7,130	7,920	7,910	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	USS C90	4,060	1,693	1,116	--	1,650	7,150	7,150	--	7,150	7,130	7,920	7,910	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	C95	4,170	1,788	1,177	--	1,737	7,550	7,550	--	7,550	7,520	8,360	7,550	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	T95	4,170	1,788	1,177	--	1,736	7,550	7,550	--	7,550	7,520	8,360	8,320	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	USS C95	4,170	1,788	1,177	--	1,736	7,550	7,550	--	7,550	7,520	8,360	8,320	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	USS C100	4,290	1,882	1,213	--	1,733	7,950	7,950	--	7,950	7,920	8,800	7,950	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	C110	4,480	2,070	--	--	--	8,740	--	--	--	8,710	9,680	9,580	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	P110 SR16	4,480	2,070	1,370	--	2,041	8,740	8,740	--	8,740	8,710	9,680	9,040	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	P110	4,480	2,070	1,370	--	2,041	8,740	8,740	--	8,740	8,710	9,680	9,980	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	P110 HC	5,390	2,070	1,370	--	2,041	8,740	8,740	--	8,740	8,710	9,680	9,980	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	P110 HP	5,740	2,352	1,527	--	2,211	10,230	10,230	--	10,120	10,180	11,310	10,800	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	Q125	4,690	2,352	1,539	--	2,256	9,940	9,940	--	9,940	9,900	11,000	10,860	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	Q125 HC	5,520	2,352	1,539	--	2,256	9,940	9,940	--	9,940	9,900	11,000	10,860	12.750	--

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield						Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				API Historical			Lame' - Von Mises		Rupture			
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled			Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.
									Pipe Body	STC	LTC	BTC ^a		STC psi	LTC psi	BTC psi					
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	Q125 HP	5,870	2,540	1,648	--	2,384	11,040	11,040	--	11,040	11,000	12,210	11,680	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	USS140	4,810	2,634	1,721	--	2,516	11,130	11,130	--	11,130	11,080	12,320	12,160	12.750	--
11 3/4	65.00	64.03	0.534	10.682	10.526	10.625	USS V150	4,840	2,822	1,843	--	2,689	11,920	11,920	--	11,920	11,880	13,200	13,030	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	USS GT80S	4,880	1,634	1,107	--	1,651	6,930	6,930	--	6,930	6,900	7,640	7,400	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	L80	4,880	1,634	1,107	--	1,651	6,930	6,930	--	6,930	6,900	7,640	7,400	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	L80 HC	5,550	1,634	1,107	--	1,651	6,930	6,930	--	6,930	6,900	7,640	7,400	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	L80 HP	5,890	1,736	1,160	--	1,696	7,580	7,540	--	7,360	7,540	8,350	7,660	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	N80n	4,880	1,634	1,120	--	1,700	6,930	6,930	--	6,930	6,900	7,640	6,450	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	N80	4,880	1,634	1,120	--	1,700	6,930	6,930	--	6,930	6,900	7,640	7,790	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	N80 HC	5,830	1,634	1,120	--	1,700	6,930	6,930	--	6,930	6,900	7,640	7,790	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	N80 HP	6,250	1,940	1,293	--	1,884	8,470	7,540	--	7,360	8,430	9,330	8,530	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	C90	5,130	1,838	1,226	--	1,790	7,800	7,800	--	7,800	7,760	8,600	8,650	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	USS C90	5,130	1,838	1,226	--	1,790	7,800	7,800	--	7,800	7,760	8,600	8,650	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	C95	5,240	1,940	1,293	--	1,885	8,230	8,230	--	8,230	8,190	9,070	8,250	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	T95	5,240	1,940	1,293	--	1,884	8,230	8,230	--	8,230	8,190	9,070	9,100	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	USS C95	5,240	1,940	1,293	--	1,884	8,230	8,230	--	8,230	8,190	9,070	9,100	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	USS C100	5,330	2,042	1,333	--	1,881	8,660	8,660	--	8,660	8,620	9,550	8,690	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	C110	5,470	2,246	--	--	--	9,530	--	--	--	9,480	10,510	10,480	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	P110 SR16	5,470	2,246	1,506	--	2,215	9,530	9,530	--	9,530	9,480	10,510	9,890	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	P110	5,470	2,246	1,506	--	2,215	9,530	9,530	--	9,530	9,480	10,510	10,920	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	P110 HC	6,630	2,246	1,506	--	2,215	9,530	9,530	--	9,530	9,480	10,510	10,920	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	P110 HP	7,050	2,553	1,678	--	2,400	11,140	10,400	--	10,120	11,090	12,280	11,810	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	Q125	5,760	2,553	1,692	--	2,448	10,830	10,830	--	10,830	10,780	11,940	11,880	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	Q125 HC	6,820	2,553	1,692	--	2,448	10,830	10,830	--	10,830	10,780	11,940	11,880	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	Q125 HP	7,250	2,757	1,812	--	2,588	12,040	11,810	--	11,500	11,980	13,260	12,780	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	USS140	6,040	2,859	1,892	--	2,730	12,130	12,130	--	12,130	12,070	13,370	13,300	12.750	--
11 3/4	71.00	69.48	0.582	10.586	10.430	--	USS V150	6,170	3,063	2,025	--	2,919	13,000	13,000	--	13,000	12,930	14,330	14,260	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	C90	7,270	2,105	1,431	--	2,050	9,010	8,480	--	8,280	8,950	9,860	10,060	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	USS C90	7,270	2,105	1,431	--	2,050	9,010	8,480	--	8,280	8,950	9,860	10,060	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	C95	7,510	2,222	1,509	--	2,159	9,510	8,950	--	8,740	9,450	10,410	9,590	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	T95	7,510	2,222	1,509	--	2,158	9,510	8,950	--	8,740	9,450	10,410	10,590	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	USS C95	7,510	2,222	1,509	--	2,158	9,510	8,950	--	8,740	9,450	10,410	10,590	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	USS C100	7,730	2,339	1,555	--	2,129	10,010	9,420	--	9,200	9,950	10,950	10,110	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	C110	8,140	2,573	--	--	--	11,010	--	--	--	10,940	12,050	12,190	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	P110 SR16	8,140	2,573	1,756	--	2,537	11,010	10,400	--	10,120	10,940	12,050	11,490	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	P110	8,140	2,573	1,756	--	2,537	11,010	10,400	--	10,120	10,940	12,050	12,700	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	P110 HC	9,070	2,573	1,756	--	2,537	11,010	10,400	--	10,120	10,940	12,050	12,700	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	P110 HP	9,640	2,923	1,958	--	2,661	12,870	10,400	--	10,120	12,780	14,070	13,730	12.750	--
11 3/4	80.50	79.58	0.672	10.406	10.250	--	Q125	8,660	2,923	1,974	--	2,804	12,510	11,810	--	11,500	12,430	13,690	13,820	12.750	--

Dimensional & Grade Designators									Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade	Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.			
	T&C lb/ft	P E lb/ft						Yield Pipe Body		Threaded and Coupled STC LTC BTC ^a	STC psi		LTC psi	BTC psi								
11 3/4	80.50	79.58	0.672	10.406	10.250	--	Q125 HC	9,430	2,923	1,974	--	2,804	12,510	11,810	--	11,500	12,430	13,690	13,820	12.750	--	
11 3/4	80.50	79.58	0.672	10.406	10.250	--	Q125 HP	10,020	3,157	2,114	--	2,874	13,900	11,810	--	11,500	13,800	15,200	14,860	12.750	--	
11 3/4	80.50	79.58	0.672	10.406	10.250	--	USS140	9,050	3,274	2,207	--	3,127	14,010	13,230	--	12,880	13,920	15,330	15,470	12.750	--	
11 3/4	80.50	79.58	0.672	10.406	10.250	--	USS V150	9,240	3,508	2,362	--	3,343	15,010	14,180	--	13,800	14,920	16,430	16,580	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	C90	8,750	2,286	1,570	--	2,129	9,830	8,480	--	8,280	9,760	10,720	11,030	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	USS C90	8,750	2,286	1,570	--	2,129	9,830	8,480	--	8,280	9,760	10,720	11,030	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	C95	9,080	2,413	1,655	--	2,238	10,380	8,950	--	8,740	10,300	11,310	10,510	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	T95	9,080	2,413	1,655	--	2,236	10,380	8,950	--	8,740	10,300	11,310	11,610	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	USS C95	9,080	2,413	1,655	--	2,236	10,380	8,950	--	8,740	10,300	11,310	11,610	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	USS C100	9,390	2,540	1,706	--	2,129	10,930	9,420	--	9,200	10,850	11,910	11,080	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	C110	9,990	2,794	--	--	--	12,020	--	--	--	11,930	13,100	13,370	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	P110 SR16	9,990	2,794	1,927	--	2,661	12,020	10,400	--	10,120	11,930	13,100	12,600	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	P110	9,990	2,794	1,927	--	2,661	12,020	10,400	--	10,120	11,930	13,100	13,930	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	P110 HC	10,780	2,794	1,927	--	2,661	12,020	10,400	--	10,120	11,930	13,100	13,930	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	P110 HP	11,470	3,175	2,148	--	2,661	14,060	10,400	--	10,120	13,940	15,290	15,060	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	Q125	10,800	3,175	2,165	--	2,874	13,660	11,810	--	11,500	13,560	14,880	15,150	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	Q125 HC	11,290	3,175	2,165	--	2,874	13,660	11,810	--	11,500	13,560	14,880	15,150	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	Q125 HP	11,990	3,429	2,319	--	2,874	15,180	11,810	--	11,500	15,060	16,520	16,310	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	USS140	11,490	3,556	2,421	--	3,194	15,300	13,230	--	12,880	15,180	16,670	16,960	12.750	--	
11 3/4	87.20	86.44	0.734	10.282	10.126	--	USS V150	11,880	3,810	2,591	--	3,407	16,390	14,180	--	13,800	16,270	17,860	18,180	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	K55	3,880	1,136	742	--	1,279	4,710	4,710	--	4,710	4,690	5,200	5,990	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	USS GT80S	4,750	1,652	977	--	1,482	6,860	6,860	--	6,860	6,830	7,570	7,320	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	L80	4,750	1,652	977	--	1,482	6,860	6,860	--	6,860	6,830	7,570	7,320	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	L80 HC	5,440	1,652	977	--	1,482	6,860	6,860	--	6,860	6,830	7,570	7,320	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	L80 HP	5,770	1,755	1,024	--	1,523	7,500	7,500	--	7,360	7,460	8,260	7,580	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	N80n	4,750	1,652	988	--	1,526	6,860	6,860	--	6,860	6,830	7,570	6,380	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	N80	4,750	1,652	988	--	1,526	6,860	6,860	--	6,860	6,830	7,570	7,710	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	N80 HC	5,710	1,652	988	--	1,526	6,860	6,860	--	6,860	6,830	7,570	7,710	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	N80 HP	6,110	1,962	1,141	--	1,691	8,380	7,540	--	7,360	8,340	9,240	8,440	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	C90	4,990	1,858	1,082	--	1,607	7,720	7,720	--	7,720	7,680	8,510	8,550	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	USS C90	4,990	1,858	1,082	--	1,607	7,720	7,720	--	7,720	7,680	8,510	8,550	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	C95	5,090	1,962	1,141	--	1,692	8,140	8,140	--	8,140	8,110	8,980	8,160	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	T95	5,090	1,962	1,141	--	1,691	8,140	8,140	--	8,140	8,110	8,980	9,000	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	USS C95	5,090	1,962	1,141	--	1,691	8,140	8,140	--	8,140	8,110	8,980	9,000	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	USS C100	5,170	2,065	1,176	--	1,688	8,570	8,570	--	8,570	8,530	9,460	8,600	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	C110	5,290	2,271	--	--	--	9,430	--	--	--	9,390	10,400	10,370	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	P110 SR16	5,290	2,271	1,329	--	1,988	9,430	9,430	--	9,430	9,390	10,400	9,780	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	P110	5,290	2,271	1,329	--	1,988	9,430	9,430	--	9,430	9,390	10,400	10,800	12.750	--	
11 7/8	71.80	70.26	0.582	10.711	10.555	--	P110 HC	6,460	2,271	1,329	--	1,988	9,430	9,430	--	9,430	9,390	10,400	10,800	12.750	--	

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade		Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi		Regular Coupling in.	Special Clr Coupling in.
	T&C lb/ft	P E lb/ft							Yield Pipe Body	Threaded and Coupled				STC psi	LTC psi	BTC psi					
11 7/8	71.80	70.26	0.582	10.711	10.555	--	P110 HP	6,880	2,581	1,481	--	2,154	11,030	10,400	--	10,120	10,970	12,150	11,680	12.750	--
11 7/8	71.80	70.26	0.582	10.711	10.555	--	Q125	5,630	2,581	1,493	--	2,198	10,720	10,720	--	10,720	10,670	11,820	11,750	12.750	--
11 7/8	71.80	70.26	0.582	10.711	10.555	--	Q125 HC	6,650	2,581	1,493	--	2,198	10,720	10,720	--	10,720	10,670	11,820	11,750	12.750	--
11 7/8	71.80	70.26	0.582	10.711	10.555	--	Q125 HP	7,070	2,787	1,599	--	2,323	11,910	11,810	--	11,500	11,850	13,130	12,640	12.750	--
11 7/8	71.80	70.26	0.582	10.711	10.555	--	USS140	5,880	2,891	1,670	--	2,451	12,000	12,000	--	12,000	11,950	13,240	13,150	12.750	--
11 7/8	71.80	70.26	0.582	10.711	10.555	--	USS V150	6,000	3,097	1,787	--	2,620	12,860	12,860	--	12,860	12,800	14,180	14,100	12.750	--
13 3/8	48.00	46.02	0.330	12.715	12.559	--	H40	740	541	322	--	--	1,730	1,730	--	--	1,730	1,950	1,860	14.375	--
13 3/8	54.50	52.79	0.380	12.615	12.459	--	J55	1,130	853	514	--	909	2,740	2,740	--	2,740	2,730	3,070	2,710	14.375	--
13 3/8	54.50	52.79	0.380	12.615	12.459	--	K55	1,130	853	547	--	1,038	2,740	2,740	--	2,740	2,730	3,070	3,430	14.375	--
13 3/8	54.50	52.79	0.380	12.615	12.459	--	USS HCK55	1,260	853	547	--	1,038	2,740	2,740	--	2,740	2,730	3,070	3,430	14.375	--
13 3/8	61.00	59.50	0.430	12.515	12.359	--	J55	1,540	962	595	--	1,025	3,090	3,090	--	3,090	3,090	3,460	3,070	14.375	--
13 3/8	61.00	59.50	0.430	12.515	12.359	--	K55	1,540	962	633	--	1,169	3,090	3,090	--	3,090	3,090	3,460	3,880	14.375	--
13 3/8	61.00	59.50	0.430	12.515	12.359	--	USS HCK55	1,830	962	633	--	1,169	3,090	3,090	--	3,090	3,090	3,460	3,880	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	J55	1,950	1,069	675	--	1,140	3,450	3,450	--	3,450	3,450	3,850	3,430	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	K55	1,950	1,069	718	--	1,300	3,450	3,450	--	3,450	3,450	3,850	4,350	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	USS HCK55	2,550	1,069	718	--	1,300	3,450	3,450	--	3,450	3,450	3,850	4,350	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	USS GT80S	2,260	1,556	952	--	1,545	5,020	5,020	--	5,020	5,010	5,610	5,310	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	L80	2,260	1,556	952	--	1,545	5,020	5,020	--	5,020	5,010	5,610	5,310	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	L80 HC	2,690	1,556	952	--	1,545	5,020	5,020	--	5,020	5,010	5,610	5,310	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	L80 HP	2,850	1,653	999	--	1,594	5,490	5,490	--	5,490	5,480	6,130	5,490	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	N80n	2,260	1,556	963	--	1,585	5,020	5,020	--	5,020	5,010	5,610	4,640	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	N80	2,260	1,556	963	--	1,585	5,020	5,020	--	5,020	5,010	5,610	5,590	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	N80 HC	2,750	1,556	963	--	1,585	5,020	5,020	--	5,020	5,010	5,610	5,590	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	N80 HP	2,930	1,847	1,114	--	1,772	6,140	6,140	--	6,140	6,120	6,850	6,120	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	C90	2,320	1,750	1,057	--	1,683	5,650	5,650	--	5,650	5,640	6,310	6,200	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	USS C90	2,320	1,750	1,057	--	1,683	5,650	5,650	--	5,650	5,640	6,310	6,200	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	C95	2,330	1,847	1,114	--	1,772	5,970	5,970	--	5,970	5,950	6,660	5,910	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	T95	2,330	1,847	1,114	--	1,772	5,970	5,970	--	5,970	5,950	6,660	6,520	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	USS C95	2,330	1,847	1,114	--	1,772	5,970	5,970	--	5,970	5,950	6,660	6,520	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	USS C100	2,340	1,945	1,150	--	1,781	6,280	6,280	--	6,280	6,260	7,010	6,230	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	C110	2,330	2,139	--	--	--	6,910	--	--	--	6,890	7,710	7,510	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	P110 SR16	2,330	2,139	1,297	--	2,079	6,910	6,910	--	6,910	6,890	7,710	7,090	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	P110	2,330	2,139	1,297	--	2,079	6,910	6,910	--	6,910	6,890	7,710	7,820	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	P110 HC	2,910	2,139	1,297	--	2,079	6,910	6,910	--	6,910	6,890	7,710	7,820	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	P110 HP	3,100	2,431	1,448	--	2,266	8,070	8,070	--	8,070	8,050	9,010	8,450	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	Q125	2,340	2,431	1,458	--	2,306	7,850	7,850	--	7,850	7,830	8,760	8,510	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	Q125 HC	2,950	2,431	1,458	--	2,306	7,850	7,850	--	7,850	7,830	8,760	8,510	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	Q125 HP	3,140	2,625	1,563	--	2,444	8,720	8,720	--	8,720	8,700	9,730	9,150	14.375	--
13 3/8	68.00	66.17	0.480	12.415	12.259	--	USS140	2,340	2,722	1,631	--	2,573	8,790	8,790	--	8,790	8,770	9,810	9,530	14.375	--

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade		Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi		Regular Coupling in.	Special Clr Coupling in.
	T&C lb/ft	P E lb/ft							Yield					STC psi	LTC psi	BTC psi					
									Yield Pipe Body	STC	LTC	BTC ^a									
13 3/8	68.00	66.17	0.480	12.415	12.259	--	USS V150	2,340	2,917	1,746	--	2,752	9,420	9,420	--	9,420	9,400	10,510	10,220	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	USS GT80S	2,670	1,661	1,029	--	1,650	5,380	5,380	--	5,380	5,370	5,990	5,700	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	L80	2,670	1,661	1,029	--	1,650	5,380	5,380	--	5,380	5,370	5,990	5,700	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	L80 HC	3,180	1,661	1,029	--	1,650	5,380	5,380	--	5,380	5,370	5,990	5,700	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	L80 HP	3,380	1,765	1,079	--	1,702	5,880	5,880	--	5,880	5,860	6,540	5,890	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	N80n	2,670	1,661	1,040	--	1,693	5,380	5,380	--	5,380	5,370	5,990	4,980	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	N80	2,670	1,661	1,040	--	1,693	5,380	5,380	--	5,380	5,370	5,990	6,000	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	N80 HC	3,270	1,661	1,040	--	1,693	5,380	5,380	--	5,380	5,370	5,990	6,000	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	N80 HP	3,490	1,973	1,204	--	1,893	6,570	6,570	--	6,530	6,550	7,310	6,560	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	C90	2,780	1,869	1,142	--	1,798	6,060	6,060	--	6,060	6,040	6,740	6,650	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	USS C90	2,780	1,869	1,142	--	1,798	6,060	6,060	--	6,060	6,040	6,740	6,650	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	C95	2,820	1,973	1,204	--	1,893	6,390	6,390	--	6,390	6,370	7,110	6,350	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	T95	2,820	1,973	1,204	--	1,893	6,390	6,390	--	6,390	6,370	7,110	7,000	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	USS C95	2,820	1,973	1,204	--	1,893	6,390	6,390	--	6,390	6,370	7,110	7,000	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	USS C100	2,850	2,077	1,243	--	1,902	6,730	6,730	--	6,730	6,710	7,490	6,690	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	C110	2,880	2,284	--	--	--	7,400	--	--	--	7,380	8,240	8,060	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	P110 SR16	2,880	2,284	1,401	--	2,221	7,400	7,400	--	7,400	7,380	8,240	7,610	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	P110	2,880	2,284	1,401	--	2,221	7,400	7,400	--	7,400	7,380	8,240	8,400	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	P110 HC	3,510	2,284	1,401	--	2,221	7,400	7,400	--	7,400	7,380	8,240	8,400	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	P110 HP	3,730	2,596	1,564	--	2,420	8,650	8,650	--	8,650	8,620	9,620	9,070	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	Q125	2,880	2,596	1,576	--	2,463	8,410	8,410	--	8,410	8,390	9,360	9,140	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	Q125 HC	3,560	2,596	1,576	--	2,463	8,410	8,410	--	8,410	8,390	9,360	9,140	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	Q125 HP	3,780	2,804	1,688	--	2,611	9,340	9,340	--	9,340	9,310	10,390	9,820	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	USS140	2,880	2,908	1,762	--	2,749	9,420	9,420	--	9,420	9,390	10,480	10,230	14.375	--
13 3/8	72.00	70.67	0.514	12.347	12.191	12.250	USS V150	2,880	3,115	1,886	--	2,939	10,090	10,090	--	10,090	10,060	11,230	10,970	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	L80	4,190	2,003	1,276	--	1,989	6,540	6,540	--	6,530	6,520	7,230	6,970	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	L80 HC	4,940	2,003	1,276	--	1,989	6,540	6,540	--	6,530	6,520	7,230	6,970	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	L80 HP	5,240	2,128	1,338	--	2,052	7,150	6,680	--	6,530	7,120	7,900	7,210	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	N80	4,190	2,003	1,290	--	2,041	6,540	6,540	--	6,530	6,520	7,230	7,340	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	N80 HC	5,160	2,003	1,290	--	2,041	6,540	6,540	--	6,530	6,520	7,230	7,340	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	N80 HP	5,520	2,378	1,492	--	2,281	7,990	6,680	--	6,530	7,950	8,830	8,030	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	C90	4,350	2,253	1,415	--	2,167	7,360	7,360	--	7,340	7,330	8,130	8,140	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	USS C90	4,350	2,253	1,415	--	2,167	7,360	7,360	--	7,340	7,330	8,130	8,140	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	C95	4,420	2,378	1,492	--	2,281	7,770	7,770	--	7,750	7,740	8,580	7,770	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	T95	4,420	2,378	1,492	--	2,281	7,770	7,770	--	7,750	7,740	8,580	8,570	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	USS C95	4,420	2,378	1,492	--	2,281	7,770	7,770	--	7,750	7,740	8,580	8,570	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	USS C100	4,550	2,504	1,541	--	2,293	8,180	8,180	--	8,160	8,140	9,040	8,190	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	C110	4,770	2,754	--	--	--	9,000	--	--	--	8,960	9,940	9,870	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	P110 SR16	4,770	2,754	1,737	--	2,677	9,000	9,000	--	8,980	8,960	9,940	9,310	14.375	--

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open	Capped	Rupture		
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled				STC psi	LTC psi	BTC psi	End psi	End psi	Capped End psi	Regular Coupling in.	Special Clr Coupling in.
13 3/8	86.00	85.19	0.625	12.125	11.969	--	P110	4,770	2,754	1,737	--	2,677	9,000	9,000	--	8,980	8,960	9,940	10,280	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	P110 HC	5,770	2,754	1,737	--	2,677	9,000	9,000	--	8,980	8,960	9,940	10,280	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	P110 HP	6,140	3,129	1,939	--	2,918	10,510	9,220	--	8,980	10,470	11,610	11,110	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	Q125	5,030	3,129	1,953	--	2,969	10,220	10,220	--	10,200	10,180	11,290	11,190	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	Q125 HC	5,920	3,129	1,953	--	2,969	10,220	10,220	--	10,200	10,180	11,290	11,190	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	Q125 HP	6,290	3,380	2,093	--	3,147	11,360	10,480	--	10,200	11,300	12,540	12,030	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	USS140	5,190	3,505	2,184	--	3,313	11,450	11,450	--	11,420	11,400	12,650	12,530	14.375	--
13 3/8	86.00	85.19	0.625	12.125	11.969	--	USS V150	5,250	3,755	2,338	--	3,543	12,270	12,270	--	12,240	12,220	13,550	13,430	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	L80	5,050	2,145	1,379	--	2,131	7,030	6,680	--	6,530	7,000	7,750	7,520	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	L80 HC	5,710	2,145	1,379	--	2,131	7,030	6,680	--	6,530	7,000	7,750	7,520	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	L80 HP	6,050	2,280	1,447	--	2,198	7,690	6,680	--	6,530	7,650	8,460	7,780	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	N80	5,050	2,145	1,394	--	2,186	7,030	6,680	--	6,530	7,000	7,750	7,910	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	N80 HC	6,000	2,145	1,394	--	2,186	7,030	6,680	--	6,530	7,000	7,750	7,910	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	N80 HP	6,430	2,548	1,613	--	2,414	8,590	6,680	--	6,530	8,550	9,460	8,660	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	C90	5,330	2,414	1,530	--	2,321	7,910	7,520	--	7,340	7,870	8,720	8,780	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	USS C90	5,330	2,414	1,530	--	2,321	7,910	7,520	--	7,340	7,870	8,720	8,780	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	C95	5,450	2,548	1,613	--	2,444	8,350	7,940	--	7,750	8,310	9,200	8,370	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	T95	5,450	2,548	1,613	--	2,444	8,350	7,940	--	7,750	8,310	9,200	9,240	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	USS C95	5,450	2,548	1,613	--	2,444	8,350	7,940	--	7,750	8,310	9,200	9,240	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	USS C100	5,560	2,682	1,665	--	2,414	8,790	8,350	--	8,160	8,750	9,680	8,830	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	C110	5,720	2,950	--	--	--	9,670	--	--	--	9,620	10,650	10,640	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	P110 SR16	5,720	2,950	1,877	--	2,868	9,670	9,220	--	8,980	9,620	10,650	10,040	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	P110	5,720	2,950	1,877	--	2,868	9,670	9,220	--	8,980	9,620	10,650	11,090	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	P110 HC	6,850	2,950	1,877	--	2,868	9,670	9,220	--	8,980	9,620	10,650	11,090	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	P110 HP	7,280	3,352	2,096	--	3,017	11,300	9,220	--	8,980	11,250	12,440	11,990	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	Q125	5,950	3,352	2,111	--	3,181	10,990	10,480	--	10,200	10,940	12,100	12,060	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	Q125 HC	7,050	3,352	2,111	--	3,181	10,990	10,480	--	10,200	10,940	12,100	12,060	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	Q125 HP	7,500	3,620	2,262	--	3,258	12,210	10,480	--	10,200	12,150	13,440	12,970	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	USS140	6,250	3,755	2,361	--	3,549	12,310	11,740	--	11,420	12,250	13,560	13,510	14.375	--
13 3/8	92.50	91.25	0.672	12.031	11.875	--	USS V150	6,400	4,023	2,527	--	3,795	13,190	12,570	--	12,240	13,120	14,530	14,480	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	L80	6,190	2,332	1,514	--	2,293	7,680	6,680	--	6,530	7,640	8,430	8,240	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	L80 HC	6,720	2,332	1,514	--	2,293	7,680	6,680	--	6,530	7,640	8,430	8,240	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	L80 HP	7,120	2,478	1,588	--	2,293	8,400	6,680	--	6,530	8,340	9,200	8,530	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	N80	6,190	2,332	1,531	--	2,376	7,680	6,680	--	6,530	7,640	8,430	8,670	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	N80 HC	7,120	2,332	1,531	--	2,376	7,680	6,680	--	6,530	7,640	8,430	8,670	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	N80 HP	7,640	2,769	1,771	--	2,414	9,380	6,680	--	6,530	9,330	10,290	9,500	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	C90	6,630	2,623	1,679	--	2,414	8,640	7,520	--	7,340	8,590	9,480	9,630	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	USS C90	6,630	2,623	1,679	--	2,414	8,640	7,520	--	7,340	8,590	9,480	9,630	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	C95	6,830	2,769	1,771	--	2,534	9,120	7,940	--	7,750	9,070	10,010	9,170	14.375	--

Dimensional & Grade Designators									TENSION				Internal Yield				Lame' - Von Mises		Ductile		
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade	Collapse Resistance psi	Joint Strength, 1,000 lbs				Pipe	Threaded & Coupled			Open	Capped	Capped End psi	Regular Coupling in.	Special Clr Coupling in.
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Body psi	STC psi	LTC psi	BTC psi	End psi	End psi					
13 3/8	100.30	99.19	0.734	11.907	11.751	--	T95	6,830	2,769	1,771	--	2,534	9,120	7,940	--	7,750	9,070	10,010	10,130	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	USS C95	6,830	2,769	1,771	--	2,534	9,120	7,940	--	7,750	9,070	10,010	10,130	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	USS C100	7,010	2,915	1,828	--	2,414	9,600	8,350	--	8,160	9,540	10,530	9,670	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	C110	7,340	3,206	--	--	--	10,560	--	--	--	10,500	11,590	11,670	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	P110 SR16	7,340	3,206	2,061	--	3,017	10,560	9,220	--	8,980	10,500	11,590	11,000	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	P110	7,340	3,206	2,061	--	3,017	10,560	9,220	--	8,980	10,500	11,590	12,150	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	P110 HC	8,320	3,206	2,061	--	3,017	10,560	9,220	--	8,980	10,500	11,590	12,150	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	P110 HP	8,850	3,644	2,301	--	3,017	12,350	9,220	--	8,980	12,270	13,530	13,150	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	Q125	7,730	3,644	2,318	--	3,258	12,000	10,480	--	10,200	11,930	13,170	13,220	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	Q125 HC	8,630	3,644	2,318	--	3,258	12,000	10,480	--	10,200	11,930	13,170	13,220	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	Q125 HP	9,170	3,935	2,483	--	3,258	13,340	10,480	--	10,200	13,250	14,620	14,230	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	USS140	7,990	4,081	2,592	--	3,620	13,440	11,740	--	11,420	13,360	14,750	14,800	14.375	--
13 3/8	100.30	99.19	0.734	11.907	11.751	--	USS V150	8,090	4,372	2,775	--	3,862	14,400	12,570	--	12,240	14,320	15,800	15,870	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	K55	2,890	1,295	782	--	1,398	4,140	4,140	--	4,140	4,120	4,580	5,240	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	USS GT80S	3,390	1,883	1,037	--	1,661	6,020	6,020	--	6,020	6,000	6,670	6,400	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	L80	3,390	1,883	1,037	--	1,661	6,020	6,020	--	6,020	6,000	6,670	6,400	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	L80 HC	4,120	1,883	1,037	--	1,661	6,020	6,020	--	6,020	6,000	6,670	6,400	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	L80 HP	4,380	2,001	1,088	--	1,713	6,570	6,570	--	6,530	6,550	7,290	6,610	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	N80n	3,390	1,883	1,048	--	1,704	6,020	6,020	--	6,020	6,000	6,670	5,580	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	N80	3,390	1,883	1,048	--	1,704	6,020	6,020	--	6,020	6,000	6,670	6,740	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	N80 HC	4,280	1,883	1,048	--	1,704	6,020	6,020	--	6,020	6,000	6,670	6,740	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	N80 HP	4,570	2,236	1,213	--	1,905	7,350	6,680	--	6,530	7,320	8,140	7,360	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	C90	3,600	2,119	1,150	--	1,809	6,770	6,770	--	6,770	6,750	7,500	7,470	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	USS C90	3,600	2,119	1,150	--	1,809	6,770	6,770	--	6,770	6,750	7,500	7,470	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	C95	3,690	2,236	1,213	--	1,905	7,150	7,150	--	7,150	7,120	7,920	7,130	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	T95	3,690	2,236	1,213	--	1,905	7,150	7,150	--	7,150	7,120	7,920	7,860	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	USS C95	3,690	2,236	1,213	--	1,905	7,150	7,150	--	7,150	7,120	7,920	7,860	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	USS C100	3,780	2,354	1,252	--	1,914	7,530	7,530	--	7,530	7,500	8,340	7,510	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	C110	3,910	2,590	--	--	--	8,280	--	--	--	8,250	9,170	9,050	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	P110 SR16	3,910	2,590	1,411	--	2,235	8,280	8,280	--	8,280	8,250	9,170	8,550	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	P110	3,910	2,590	1,411	--	2,235	8,280	8,280	--	8,280	8,250	9,170	9,430	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	P110 HC	4,690	2,590	1,411	--	2,235	8,280	8,280	--	8,280	8,250	9,170	9,430	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	P110 HP	4,990	2,943	1,576	--	2,436	9,670	9,220	--	8,980	9,630	10,710	10,180	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	Q125	4,030	2,943	1,588	--	2,479	9,410	9,410	--	9,410	9,370	10,420	10,260	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	Q125 HC	4,780	2,943	1,588	--	2,479	9,410	9,410	--	9,410	9,370	10,420	10,260	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	Q125 HP	5,080	3,178	1,701	--	2,628	10,440	10,440	--	10,200	10,400	11,570	11,020	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	USS140	4,060	3,296	1,775	--	2,766	10,540	10,540	--	10,540	10,500	11,670	11,490	14.375	--
13 1/2	81.40	80.11	0.580	12.340	12.184	12.250	USS V150	4,060	3,531	1,900	--	2,958	11,290	11,290	--	11,290	11,250	12,500	12,320	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	K55	3,360	1,404	752	--	1,353	4,420	4,420	--	4,420	4,400	4,880	5,600	14.375	--

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				API Historical				Lame' - Von Mises		Ductile Rupture Capped End psi	Outside Diameter	
O D Size in.	Weight		NOM Wall in.	NOM I D in.	API Drift in.	Alternate Drift in.	Product Grade		Joint Strength, 1,000 lbs				Pipe Body psi	Threaded & Coupled			Open psi	Capped psi		Regular Coupling in.	Special Clr Coupling in.
	T&C lb/ft	P E lb/ft							Yield Pipe Body	Threaded and Coupled				STC psi	LTC psi	BTC psi	End psi	End psi			
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	USS GT80S	3,980	2,042	997	--	1,607	6,420	6,420	--	6,420	6,400	7,100	6,840	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	L80	3,980	2,042	997	--	1,607	6,420	6,420	--	6,420	6,400	7,100	6,840	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	L80 HC	4,750	2,042	997	--	1,607	6,420	6,420	--	6,420	6,400	7,100	6,840	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	L80 HP	5,040	2,170	1,046	--	1,658	7,020	6,680	--	6,530	6,990	7,760	7,080	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	N80n	3,980	2,042	1,009	--	1,649	6,420	6,420	--	6,420	6,400	7,100	5,970	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	N80	3,980	2,042	1,009	--	1,649	6,420	6,420	--	6,420	6,400	7,100	7,200	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	N80 HC	4,960	2,042	1,009	--	1,649	6,420	6,420	--	6,420	6,400	7,100	7,200	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	N80 HP	5,300	2,425	1,167	--	1,843	7,840	6,680	--	6,530	7,810	8,670	7,880	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	C90	4,130	2,297	1,107	--	1,750	7,230	7,230	--	7,230	7,200	7,990	7,990	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	USS C90	4,130	2,297	1,107	--	1,750	7,230	7,230	--	7,230	7,200	7,990	7,990	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	C95	4,260	2,425	1,167	--	1,843	7,630	7,630	--	7,630	7,600	8,430	7,620	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	T95	4,260	2,425	1,167	--	1,843	7,630	7,630	--	7,630	7,600	8,430	8,410	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	USS C95	4,260	2,425	1,167	--	1,843	7,630	7,630	--	7,630	7,600	8,430	8,410	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	USS C100	4,370	2,553	1,205	--	1,852	8,030	8,030	--	8,030	8,000	8,880	8,030	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	C110	4,570	2,808	--	--	--	8,830	--	--	--	8,800	9,760	9,680	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	P110 SR16	4,570	2,808	1,358	--	2,163	8,830	8,830	--	8,830	8,800	9,760	9,140	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	P110	4,570	2,808	1,358	--	2,163	8,830	8,830	--	8,830	8,800	9,760	10,090	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	P110 HC	5,520	2,808	1,358	--	2,163	8,830	8,830	--	8,830	8,800	9,760	10,090	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	P110 HP	5,870	3,191	1,516	--	2,357	10,320	9,220	--	8,980	10,280	11,410	10,900	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	Q125	4,800	3,191	1,527	--	2,399	10,040	10,040	--	10,040	10,000	11,100	10,980	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	Q125 HC	5,650	3,191	1,527	--	2,399	10,040	10,040	--	10,040	10,000	11,100	10,980	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	Q125 HP	6,010	3,446	1,637	--	2,542	11,150	10,480	--	10,200	11,100	12,320	11,800	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	USS140	4,940	3,574	1,708	--	2,677	11,240	11,240	--	11,240	11,200	12,430	12,290	14.375	--
13 5/8	88.20	86.86	0.625	12.375	12.219	12.250	USS V150	4,970	3,829	1,828	--	2,862	12,040	12,040	--	12,040	11,990	13,310	13,170	14.375	--
14	--	112.89	0.800	12.400	12.244	--	L80	6,740	2,654	--	--	--	8,000	--	--	--	7,950	8,760	8,600	--	--
14	--	112.89	0.800	12.400	12.244	--	L80 HC	7,210	2,654	--	--	--	8,000	--	--	--	7,950	8,760	8,600	--	--
14	--	112.89	0.800	12.400	12.244	--	L80 HP	7,640	2,820	--	--	--	8,740	--	--	--	8,680	9,560	8,890	--	--
14	--	112.89	0.800	12.400	12.244	--	N80n	6,740	2,654	--	--	--	8,000	--	--	--	7,950	8,760	7,480	--	--
14	--	112.89	0.800	12.400	12.244	--	N80	6,740	2,654	--	--	--	8,000	--	--	--	7,950	8,760	9,050	--	--
14	--	112.89	0.800	12.400	12.244	--	N80 HC	7,660	2,654	--	--	--	8,000	--	--	--	7,950	8,760	9,050	--	--
14	--	112.89	0.800	12.400	12.244	--	N80 HP	8,220	3,152	--	--	--	9,770	--	--	--	9,710	10,690	9,910	--	--
14	--	112.89	0.800	12.400	12.244	--	C90	7,260	2,986	--	--	--	9,000	--	--	--	8,940	9,850	10,050	--	--
14	--	112.89	0.800	12.400	12.244	--	USS C90	7,260	2,986	--	--	--	9,000	--	--	--	8,940	9,850	10,050	--	--
14	--	112.89	0.800	12.400	12.244	--	C95	7,500	3,152	--	--	--	9,500	--	--	--	9,440	10,400	9,570	--	--
14	--	112.89	0.800	12.400	12.244	--	T95	7,500	3,152	--	--	--	9,500	--	--	--	9,440	10,400	10,580	--	--
14	--	112.89	0.800	12.400	12.244	--	USS C95	7,500	3,152	--	--	--	9,500	--	--	--	9,440	10,400	10,580	--	--
14	--	112.89	0.800	12.400	12.244	--	USS C100	7,720	3,318	--	--	--	10,000	--	--	--	9,940	10,940	10,100	--	--
14	--	112.89	0.800	12.400	12.244	--	C110	8,130	3,649	--	--	--	11,000	--	--	--	10,930	12,040	12,180	--	--
14	--	112.89	0.800	12.400	12.244	--	P110 SR16	8,130	3,649	--	--	--	11,000	--	--	--	10,930	12,040	11,480	--	--

Dimensional & Grade Designators									TENSION				Internal Yield						Ductile Rupture	Outside Diameter	
Weight		NOM	NOM	API	Alternate	Collapse Resistance	Joint Strength, 1,000 lbs						API Historical			Lame' - Von Mises					
O D													Pipe	Threaded & Coupled			Open	Capped	Capped	Regular	Special Clr
Size	T&C	P E	Wall	I D	Drift		Drift	Product	Yield	Threaded and Coupled			Body	STC	LTC	BTC	End	End			
in.	lb/ft	lb/ft	in.	in.	in.	in.	Grade	Pipe Body	STC	LTC	BTC ^a	psi	psi	psi	psi	psi	psi	psi	in.	in.	
14	--	112.89	0.800	12.400	12.244	--	P110	8,130	3,649	--	--	--	11,000	--	--	--	10,930	12,040	12,690	--	--
14	--	112.89	0.800	12.400	12.244	--	P110 HC	9,050	3,649	--	--	--	11,000	--	--	--	10,930	12,040	12,690	--	--
14	--	112.89	0.800	12.400	12.244	--	P110 HP	9,630	4,147	--	--	--	12,860	--	--	--	12,770	14,060	13,720	--	--
14	--	112.89	0.800	12.400	12.244	--	Q125	8,650	4,147	--	--	--	12,500	--	--	--	12,420	13,680	13,800	--	--
14	--	112.89	0.800	12.400	12.244	--	Q125 HC	9,420	4,147	--	--	--	12,500	--	--	--	12,420	13,680	13,800	--	--
14	--	112.89	0.800	12.400	12.244	--	Q125 HP	10,000	4,479	--	--	--	13,890	--	--	--	13,790	15,190	14,840	--	--
14	--	112.89	0.800	12.400	12.244	--	USS140	9,040	4,645	--	--	--	14,000	--	--	--	13,910	15,320	15,450	--	--
14	--	112.89	0.800	12.400	12.244	--	USS V150	9,220	4,976	--	--	--	15,000	--	--	--	14,910	16,420	16,560	--	--
16	65.00	62.64	0.375	15.250	15.062	--	H40	630	736	439	--	--	1,640	1,640	--	--	1,640	1,850	1,770	17.000	--
16	75.00	72.86	0.438	15.124	14.936	--	J55	1,020	1,178	710	--	1,200	2,630	2,630	--	2,630	2,630	2,960	2,600	17.000	--
16	75.00	72.86	0.438	15.124	14.936	--	K55	1,020	1,178	752	--	1,331	2,630	2,630	--	2,630	2,630	2,960	3,300	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	J55	1,410	1,326	817	--	1,351	2,980	2,980	--	2,980	2,970	3,340	2,950	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	K55	1,410	1,326	865	--	1,499	2,980	2,980	--	2,980	2,970	3,340	3,740	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	USS GT80S	1,480	1,929	1,155	--	1,861	4,330	4,330	--	4,330	4,320	4,850	4,560	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	L80	1,480	1,929	1,155	--	1,861	4,330	4,330	--	4,330	4,320	4,850	4,560	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	L80 HC	1,820	1,929	1,155	--	1,861	4,330	4,330	--	4,330	4,320	4,850	4,560	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	L80 HP	1,940	2,050	1,214	--	1,934	4,730	4,730	--	4,730	4,720	5,310	4,720	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	N80n	1,480	1,929	1,167	--	1,898	4,330	4,330	--	4,330	4,320	4,850	3,980	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	N80	1,480	1,929	1,167	--	1,898	4,330	4,330	--	4,330	4,320	4,850	4,800	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	N80 HC	1,850	1,929	1,167	--	1,898	4,330	4,330	--	4,330	4,320	4,850	4,800	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	N80 HP	1,970	2,291	1,354	--	2,153	5,290	5,290	--	5,290	5,280	5,930	5,250	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	C95	1,480	2,291	1,354	--	2,153	5,140	5,140	--	5,140	5,130	5,760	5,080	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	P110 SR16	1,480	2,652	1,575	--	2,518	5,950	5,950	--	5,950	5,940	6,670	6,090	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	P110	1,480	2,652	1,575	--	2,518	5,950	5,950	--	5,950	5,940	6,670	6,710	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	P110 HC	1,930	2,652	1,575	--	2,518	5,950	5,950	--	5,950	5,940	6,670	6,710	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	P110 HP	2,050	3,014	1,762	--	2,772	6,960	6,960	--	6,960	6,950	7,800	7,260	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	Q125	1,480	3,014	1,773	--	2,809	6,770	6,770	--	6,770	6,750	7,580	7,300	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	Q125 HC	1,940	3,014	1,773	--	2,809	6,770	6,770	--	6,770	6,750	7,580	7,300	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	Q125 HP	2,070	3,255	1,901	--	2,991	7,520	7,520	--	7,520	7,500	8,430	7,850	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	USS140	1,480	3,376	1,983	--	3,138	7,580	7,580	--	7,580	7,560	8,490	8,180	17.000	--
16	84.00	82.05	0.495	15.010	14.822	--	USS V150	1,480	3,617	2,123	--	3,356	8,120	8,120	--	8,120	8,100	9,100	8,770	17.000	--
16	97.00	94.81	0.575	14.850	14.662	--	J55	1,950	1,533	967	--	1,561	3,460	3,460	--	3,460	3,450	3,860	3,440	17.000	--
16	97.00	94.81	0.575	14.850	14.662	--	K55	1,950	1,533	1,023	--	1,732	3,460	3,460	--	3,460	3,450	3,860	4,350	17.000	--
16	97.00	94.81	0.575	14.850	14.662	--	USS GT80S	2,270	2,229	1,367	--	2,151	5,030	5,030	--	5,030	5,020	5,610	5,320	17.000	--
16	97.00	94.81	0.575	14.850	14.662	--	L80	2,270	2,229	1,367	--	2,151	5,030	5,030	--	5,030	5,020	5,610	5,320	17.000	--
16	97.00	94.81	0.575	14.850	14.662	--	L80 HC	2,700	2,229	1,367	--	2,151	5,030	5,030	--	5,030	5,020	5,610	5,320	17.000	--
16	97.00	94.81	0.575	14.850	14.662	--	L80 HP	2,860	2,368	1,435	--	2,235	5,500	5,500	--	5,500	5,480	6,130	5,500	17.000	--
16	97.00	94.81	0.575	14.850	14.662	--	N80n	2,270	2,229	1,381	--	2,194	5,030	5,030	--	5,030	5,020	5,610	4,640	17.000	--
16	97.00	94.81	0.575	14.850	14.662	--	N80	2,270	2,229	1,381	--	2,194	5,030	5,030	--	5,030	5,020	5,610	5,600	17.000	--

Dimensional & Grade Designators									TENSION					Internal Yield						Ductile	Outside Diameter			
Weight		NOM	NOM	API	Alternate	Collapse Resistance psi	Joint Strength, 1,000 lbs							API Historical			Lame' - Von Mises		Rupture					
O D	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.		Drift in.	Product Grade	Yield Pipe Body	Threaded and Coupled			Pipe	Threaded & Coupled			Open	Capped	Capped	End psi	End psi	End psi	Regular Coupling in.	Special Clr Coupling in.
Size in.										STC	LTC	BTC ^a	Body psi	STC	LTC	BTC	End psi	End psi						
16	97.00	94.81	0.575	14.850	14.662	--	N80 HC	2,760	2,229	1,381	--	2,194	5,030	5,030	--	5,030	5,020	5,610	5,600	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	N80 HP	2,940	2,647	1,601	--	2,488	6,150	5,800	--	6,080	6,130	6,860	6,120	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	C95	2,340	2,647	1,601	--	2,488	5,970	5,970	--	5,970	5,960	6,670	5,920	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	P110 SR16	2,340	3,065	1,863	--	2,910	6,920	6,920	--	6,920	6,900	7,720	7,100	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	P110	2,340	3,065	1,863	--	2,910	6,920	6,920	--	6,920	6,900	7,720	7,830	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	P110 HC	2,930	3,065	1,863	--	2,910	6,920	6,920	--	6,920	6,900	7,720	7,830	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	P110 HP	3,110	3,483	2,083	--	3,204	8,090	7,970	--	8,090	8,060	9,020	8,470	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	Q125	2,340	3,483	2,097	--	3,246	7,860	7,860	--	7,860	7,840	8,770	8,520	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	Q125 HC	2,960	3,483	2,097	--	3,246	7,860	7,860	--	7,860	7,840	8,770	8,520	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	Q125 HP	3,150	3,762	2,249	--	3,457	8,730	8,730	--	8,730	8,710	9,740	9,160	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	USS140	2,340	3,901	2,346	--	3,626	8,800	8,800	--	8,800	8,780	9,820	9,540	17.000	--			
16	97.00	94.81	0.575	14.850	14.662	--	USS V150	2,340	4,180	2,511	--	3,879	9,430	9,430	--	9,430	9,410	10,520	10,230	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	J55	2,560	1,739	1,116	--	1,772	3,950	3,950	--	3,950	3,930	4,380	3,940	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	K55	2,560	1,739	1,181	--	1,965	3,950	3,950	--	3,950	3,930	4,380	4,990	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	USS GT80S	3,080	2,530	1,578	--	2,441	5,740	5,740	--	5,740	5,720	6,370	6,090	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	L80	3,080	2,530	1,578	--	2,441	5,740	5,740	--	5,740	5,720	6,370	6,090	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	L80 HC	3,710	2,530	1,578	--	2,441	5,740	5,740	--	5,740	5,720	6,370	6,090	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	L80 HP	3,940	2,688	1,657	--	2,536	6,270	5,800	--	6,080	6,250	6,970	6,300	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	N80n	3,080	2,530	1,594	--	2,489	5,740	5,740	--	5,740	5,720	6,370	5,310	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	N80	3,080	2,530	1,594	--	2,489	5,740	5,740	--	5,740	5,720	6,370	6,410	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	N80 HC	3,830	2,530	1,594	--	2,489	5,740	5,740	--	5,740	5,720	6,370	6,410	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	N80 HP	4,090	3,004	1,848	--	2,823	7,010	5,800	--	6,080	6,990	7,780	7,020	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	C95	3,320	3,004	1,848	--	2,823	6,820	6,820	--	6,820	6,790	7,570	6,780	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	USS C100	3,380	3,162	1,911	--	2,870	7,180	7,180	--	7,180	7,150	7,970	6,470	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	C110	3,470	3,478	2,135	--	3,254	7,890	7,890	--	7,890	7,870	8,770	7,810	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	P110 SR16	3,470	3,478	2,151	--	3,302	7,890	7,890	--	7,890	7,870	8,770	8,130	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	P110	3,470	3,478	2,151	--	3,302	7,890	7,890	--	7,890	7,870	8,770	8,980	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	P110 HC	4,160	3,478	2,151	--	3,302	7,890	7,890	--	7,890	7,870	8,770	8,980	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	P110 HP	4,420	3,953	2,405	--	3,636	9,230	7,970	--	8,360	9,190	10,240	9,700	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	Q125	3,520	3,953	2,422	--	3,684	8,970	8,970	--	8,970	8,940	9,960	9,770	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	Q125 HC	4,230	3,953	2,422	--	3,684	8,970	8,970	--	8,970	8,940	9,960	9,770	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	Q125 HP	4,500	4,269	2,597	--	3,923	9,960	9,060	--	9,500	9,930	11,060	10,500	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	USS140	3,520	4,427	2,708	--	4,115	10,050	10,050	--	10,050	10,010	11,160	10,930	17.000	--			
16	109.00	107.60	0.656	14.688	14.500	--	USS V150	3,520	4,743	2,900	--	4,402	10,760	10,760	--	10,760	10,730	11,950	11,720	17.000	--			
18 5/8	87.50	84.59	0.435	17.755	17.567	--	H40	630	994	559	--	--	1,640	1,640	--	--	1,630	1,840	1,760	20.000	--			
18 5/8	87.50	84.59	0.435	17.755	17.567	--	J55	630	1,367	754	--	1,329	2,250	2,250	--	2,250	2,250	2,540	2,220	20.000	--			
18 5/8	87.50	84.59	0.435	17.755	17.567	--	K55	630	1,367	794	--	1,427	2,250	2,250	--	2,250	2,250	2,540	2,810	20.000	--			
18 5/8	94.50	90.84	0.468	17.689	17.501	--	K55	780	1,468	865	--	1,533	2,420	2,420	--	2,420	2,420	2,720	3,030	20.000	--			
18 5/8	106.00	103.83	0.537	17.551	17.363	--	K55	1,180	1,678	1,011	--	1,752	2,780	2,780	--	2,780	2,770	3,120	3,480	20.000	--			

Dimensional & Grade Designators								Collapse Resistance psi	TENSION				Internal Yield						Ductile	Outside Diameter	
O D Size in.	Weight		NOM	NOM	API	Alternate	Product Grade		Joint Strength, 1,000 lbs				API Historical				Lame' - Von Mises		Rupture		
	T&C lb/ft	P E lb/ft	Wall in.	I D in.	Drift in.	Drift in.			Yield Pipe Body	Threaded and Coupled STC LTC BTC ^a	Pipe Body psi	Threaded & Coupled			Open End psi	Capped End psi	Capped End psi				
												STC psi	LTC psi	BTC psi							
18 5/8	117.50	114.31	0.593	17.439	17.251	--	K55	1,510	1,848	1,129	--	1,929	3,070	3,070	--	3,070	3,060	3,430	3,850	20.000	--
20	94.00	91.59	0.438	19.124	18.936	--	H40	520	1,077	581	673	--	1,530	1,530	1,530	--	1,530	1,730	1,650	21.000	--
20	94.00	91.59	0.438	19.124	18.936	--	J55	520	1,480	783	907	1,402	2,110	2,110	2,110	2,110	2,100	2,380	2,080	21.000	--
20	94.00	91.59	0.438	19.124	18.936	--	K55	520	1,480	823	955	1,479	2,110	2,110	2,110	2,110	2,100	2,380	2,630	21.000	--
20	106.50	104.23	0.500	19.000	18.812	--	J55	770	1,685	913	1,056	1,596	2,410	2,410	2,410	2,410	2,410	2,710	2,380	21.000	--
20	106.50	104.23	0.500	19.000	18.812	--	K55	770	1,685	959	1,113	1,683	2,410	2,410	2,410	2,410	2,410	2,710	3,010	21.000	--
20	133.00	131.45	0.635	18.730	18.542	--	J55	1,500	2,125	1,192	1,379	2,012	3,060	3,060	3,060	3,060	3,050	3,420	3,030	21.000	--
20	133.00	131.45	0.635	18.730	18.542	--	K55	1,500	2,125	1,252	1,453	2,123	3,060	3,060	3,060	3,060	3,050	3,420	3,840	21.000	--
20	133.00	131.45	0.635	18.730	18.542	--	N80	1,600	3,091	1,706	1,973	2,877	4,450	4,450	4,450	4,450	4,440	4,980	4,090	21.000	--
20	133.00	131.45	0.635	18.730	18.542	--	N80 HC	1,990	3,091	1,706	1,973	2,877	4,450	4,450	4,450	4,450	4,440	4,980	4,090	21.000	--
20	133.00	131.45	0.635	18.730	18.542	--	N80 HP	2,120	3,670	1,984	2,293	3,340	5,430	4,710	5,010	4,920	5,420	6,080	4,500	21.000	--
20	133.00	131.45	0.635	18.730	18.542	--	USS C100	1,600	3,863	2,056	2,375	3,458	5,560	5,560	5,560	5,560	5,550	6,220	4,140	21.000	--
20	133.00	131.45	0.635	18.730	18.542	--	C110	1,600	4,250	2,292	2,649	3,859	6,120	6,120	6,120	6,120	6,100	6,840	4,990	21.000	--
20	163.00	160.46	0.781	18.438	18.250	--	K55	2,290	2,594	1,565	1,815	2,591	3,760	3,240	3,440	3,380	3,750	4,180	4,740	21.000	--
20	169.00	166.56	0.812	18.376	18.188	--	K55	2,500	2,692	1,631	1,892	2,689	3,910	3,240	3,440	3,380	3,900	4,340	4,940	21.000	--