





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]

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 1 1/2 OD 1.900 Seamless	0.145	40	STD	2.72	7.18	B	35,500	60,200	2,500	2,500	9,190
	0.200	80	XS	3.63	9.60	B	35,500	60,200	2,500	2,500	12,670
	0.281	160		4.86	12.84	B	35,500	60,200	2,500	2,500	17,810
NPS 2 2.375 Seamless	0.154	40	STD	3.66	9.65	B	35,500	60,200	2,500	2,500	7,810
	0.154	40	STD	3.66	9.65	C	40,000	70,000	2,500		9,080
	0.154	40	STD	3.66	9.65	X42	42,100	60,200	3,000	4,090	7,810
	0.154	40	STD	3.66	9.65	X46	46,400	63,100	3,000	4,510	8,180
	0.154	40	STD	3.66	9.65	X52	52,200	66,700	3,000	5,080	8,650
	0.154	40	STD	3.66	9.65	X56	56,600	71,100	3,000	5,510	9,220
	0.154	40	STD	3.66	9.65	X60	60,200	75,400	3,000	5,860	9,780
	0.154	40	STD	3.66	9.65	X65	65,300	77,600	3,000	6,350	10,060
	0.154	40	STD	3.66	9.65	X70	70,300	82,700	3,000	6,840	10,720
	0.218	80	XS	5.03	13.27	B	35,500	60,200	2,500	2,500	11,050
	0.218	80	XS	5.03	13.27	C	40,000	70,000	2,500		12,850
	0.218	80	XS	5.03	13.27	X42	42,100	60,200	3,000	5,800	11,050
	0.218	80	XS	5.03	13.27	X46	46,400	63,100	3,000	6,390	11,580
	0.218	80	XS	5.03	13.27	X52	52,200	66,700	3,000	7,190	12,240
	0.218	80	XS	5.03	13.27	X56	56,600	71,100	3,000	7,260	13,050
	0.218	80	XS	5.03	13.27	X60	60,200	75,400	3,000	7,260	13,840
	0.218	80	XS	5.03	13.27	X65	65,300	77,600	3,000	7,260	14,250
	0.218	80	XS	5.03	13.27	X70	70,300	82,700	3,000	7,260	15,180
	0.344	160		7.47	19.72	B	35,500	60,200	2,500	2,500	17,440
	0.344	160		7.47	19.72	C	40,000	70,000	2,500		20,280
	0.344	160		7.47	19.72	X42	42,100	60,200	3,000	7,260	17,440
	0.344	160		7.47	19.72	X46	46,400	63,100	3,000	7,260	18,280
	0.344	160		7.47	19.72	X52	52,200	66,700	3,000	7,260	19,320
	0.344	160		7.47	19.72	X56	56,600	71,100	3,000	7,260	20,600
	0.344	160		7.47	19.72	X60	60,200	75,400	3,000	7,260	21,840
	0.344	160		7.47	19.72	X65	65,300	77,600	3,000	7,260	22,480
	0.344	160		7.47	19.72	X70	70,300	82,700	3,000	7,260	23,960
NPS 2 1/2 OD 2.875 Seamless	0.203	40	STD	5.80	15.31	B	35,500	60,200	2,500	2,500	8,500
	0.203	40	STD	5.80	15.31	C	40,000	70,000	2,500		9,890
	0.203	40	STD	5.80	15.31	X42	42,100	60,200	3,000	4,460	8,500
	0.203	40	STD	5.80	15.31	X46	46,400	63,100	3,000	4,910	8,910
	0.203	40	STD	5.80	15.31	X52	52,200	66,700	3,000	5,530	9,420
	0.203	40	STD	5.80	15.31	X56	56,600	71,100	3,000	5,990	10,040
	0.203	40	STD	5.80	15.31	X60	60,200	75,400	3,000	6,380	10,650
	0.203	40	STD	5.80	15.31	X65	65,300	77,600	3,000	6,920	10,960
	0.203	40	STD	5.80	15.31	X70	70,300	82,700	3,000	7,260	11,680
	0.276	80	XS	7.67	20.24	B	35,500	60,200	2,500	2,500	11,560
	0.276	80	XS	7.67	20.24	C	40,000	70,000	2,500		13,440
	0.276	80	XS	7.67	20.24	X42	42,100	60,200	3,000	6,060	11,560
	0.276	80	XS	7.67	20.24	X46	46,400	63,100	3,000	6,680	12,120
	0.276	80	XS	7.67	20.24	X52	52,200	66,700	3,000	7,260	12,810
	0.276	80	XS	7.67	20.24	X56	56,600	71,100	3,000	7,260	13,650
	0.276	80	XS	7.67	20.24	X60	60,200	75,400	3,000	7,260	14,480
	0.276	80	XS	7.67	20.24	X65	65,300	77,600	3,000	7,260	14,900
	0.276	80	XS	7.67	20.24	X70	70,300	82,700	3,000	7,260	15,880
	0.375	160		10.02	26.46	B	35,500	60,200	2,500	2,500	15,700
	0.375	160		10.02	26.46	C	40,000	70,000	2,500		18,260
	0.375	160		10.02	26.46	X42	42,100	60,200	3,000	7,260	15,700
	0.375	160		10.02	26.46	X46	46,400	63,100	3,000	7,260	16,460
	0.375	160		10.02	26.46	X52	52,200	66,700	3,000	7,260	17,400
	0.375	160		10.02	26.46	X56	56,600	71,100	3,000	7,260	18,550
	0.375	160		10.02	26.46	X60	60,200	75,400	3,000	7,260	19,670
	0.375	160		10.02	26.46	X65	65,300	77,600	3,000	7,260	20,240
	0.375	160		10.02	26.46	X70	70,300	82,700	3,000	7,260	21,570
NPS 3 OD 3.500 Seamless	0.216	40	STD	7.58	20.02	B	35,500	60,200	2,500	2,500	7,430
	0.216	40	STD	7.58	20.02	C	40,000	70,000	2,500		8,640
	0.216	40	STD	7.58	20.02	X42	42,100	60,200	3,000	3,900	7,430
	0.216	40	STD	7.58	20.02	X46	46,400	63,100	3,000	4,300	7,790
	0.216	40	STD	7.58	20.02	X52	52,200	66,700	3,000	4,830	8,230
	0.216	40	STD	7.58	20.02	X56	56,600	71,100	3,000	5,240	8,780
	0.216	40	STD	7.58	20.02	X60	60,200	75,400	3,000	5,570	9,310
	0.216	40	STD	7.58	20.02	X65	65,300	77,600	3,000	6,040	9,580

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 3 OD 3.500 Seamless	0.216	40	STD	7.58	20.02	X70	70,300	82,700	3,000	6,510	10,210
	0.250			8.69	22.93	B	35,500	60,200	2,500	2,500	8,600
	0.250			8.69	22.93	C	40,000	70,000	2,500		10,000
	0.250			8.69	22.93	X42	42,100	60,200	3,000	4,510	8,600
	0.250			8.69	22.93	X46	46,400	63,100	3,000	4,970	9,010
	0.250			8.69	22.93	X52	52,200	66,700	3,000	5,590	9,530
	0.250			8.69	22.93	X56	56,600	71,100	3,000	6,060	10,160
	0.250			8.69	22.93	X60	60,200	75,400	3,000	6,450	10,770
	0.250			8.69	22.93	X65	65,300	77,600	3,000	7,000	11,090
	0.250			8.69	22.93	X70	70,300	82,700	3,000	7,260	11,810
	0.281			9.67	25.53	B	35,500	60,200	2,500	2,500	9,670
	0.281			9.67	25.53	C	40,000	70,000	2,500		11,240
	0.281			9.67	25.53	X42	42,100	60,200	3,000	5,070	9,670
	0.281			9.67	25.53	X46	46,400	63,100	3,000	5,590	10,130
	0.281			9.67	25.53	X52	52,200	66,700	3,000	6,290	10,710
	0.281			9.67	25.53	X56	56,600	71,100	3,000	6,820	11,420
	0.281			9.67	25.53	X60	60,200	75,400	3,000	7,250	12,110
	0.281			9.67	25.53	X65	65,300	77,600	3,000	7,260	12,460
	0.281			9.67	25.53	X70	70,300	82,700	3,000	7,260	13,280
	0.300	80	XS	10.26	27.09	B	35,500	60,200	2,500	2,500	10,320
	0.300	80	XS	10.26	27.09	C	40,000	70,000	2,500		12,000
	0.300	80	XS	10.26	27.09	X42	42,100	60,200	3,000	5,410	10,320
	0.300	80	XS	10.26	27.09	X46	46,400	63,100	3,000	5,970	10,820
	0.300	80	XS	10.26	27.09	X52	52,200	66,700	3,000	6,710	11,430
	0.300	80	XS	10.26	27.09	X56	56,600	71,100	3,000	7,260	12,190
	0.300	80	XS	10.26	27.09	X60	60,200	75,400	3,000	7,260	12,930
	0.300	80	XS	10.26	27.09	X65	65,300	77,600	3,000	7,260	13,300
	0.300	80	XS	10.26	27.09	X70	70,300	82,700	3,000	7,260	14,180
	0.438	160		14.34	37.85	B	35,500	60,200	2,500	2,500	15,070
	0.438	160		14.34	37.85	C	40,000	70,000	2,500		17,520
	0.438	160		14.34	37.85	X42	42,100	60,200	3,000	7,260	15,070
	0.438	160		14.34	37.85	X46	46,400	63,100	3,000	7,260	15,790
	0.438	160		14.34	37.85	X52	52,200	66,700	3,000	7,260	16,690
	0.438	160		14.34	37.85	X56	56,600	71,100	3,000	7,260	17,800
	0.438	160		14.34	37.85	X60	60,200	75,400	3,000	7,260	18,870
	0.438	160		14.34	37.85	X65	65,300	77,600	3,000	7,260	19,420
	0.438	160		14.34	37.85	X70	70,300	82,700	3,000	7,260	20,700
NPS 3 1/2 OD 4.000 Seamless	0.226	40	STD	9.12	24.07	B	35,500	60,200	2,410	2,800	6,800
	0.226	40	STD	9.12	24.07	C	40,000	70,000	2,710		7,910
	0.226	40	STD	9.12	24.07	X42	42,100	60,200	2,850	3,570	6,800
	0.226	40	STD	9.12	24.07	X46	46,400	63,100	3,000	3,930	7,130
	0.226	40	STD	9.12	24.07	X52	52,200	66,700	3,000	4,420	7,540
	0.226	40	STD	9.12	24.07	X56	56,600	71,100	3,000	4,800	8,030
	0.226	40	STD	9.12	24.07	X60	60,200	75,400	3,000	5,100	8,520
	0.226	40	STD	9.12	24.07	X65	65,300	77,600	3,000	5,530	8,770
	0.226	40	STD	9.12	24.07	X70	70,300	82,700	3,000	5,960	9,350
	0.250			10.02	26.46	B	35,500	60,200	2,660	2,800	7,530
	0.250			10.02	26.46	C	40,000	70,000	2,800		8,750
	0.250			10.02	26.46	X42	42,100	60,200	3,000	3,950	7,530
	0.250			10.02	26.46	X46	46,400	63,100	3,000	4,350	7,890
	0.250			10.02	26.46	X52	52,200	66,700	3,000	4,890	8,340
	0.250			10.02	26.46	X56	56,600	71,100	3,000	5,310	8,890
	0.250			10.02	26.46	X60	60,200	75,400	3,000	5,640	9,430
	0.250			10.02	26.46	X65	65,300	77,600	3,000	6,120	9,700
	0.250			10.02	26.46	X70	70,300	82,700	3,000	6,590	10,340
	0.281			11.17	29.49	B	35,500	60,200	2,800	2,800	8,460
	0.281			11.17	29.49	C	40,000	70,000	2,800		9,840
	0.281			11.17	29.49	X42	42,100	60,200	3,000	4,440	8,460
	0.281			11.17	29.49	X46	46,400	63,100	3,000	4,890	8,870
	0.281			11.17	29.49	X52	52,200	66,700	3,000	5,500	9,370
	0.281			11.17	29.49	X56	56,600	71,100	3,000	5,960	9,990
	0.281			11.17	29.49	X60	60,200	75,400	3,000	6,340	10,590
	0.281			11.17	29.49	X65	65,300	77,600	3,000	6,880	10,900
	0.281			11.17	29.49	X70	70,300	82,700	3,000	7,260	11,620
	0.318	80	XS	12.52	33.04	B	35,500	60,200	2,800	2,800	9,570

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 3 1/2 OD 4.000 Seamless	0.318	80	XS	12.52	33.04	C	40,000	70,000	2,800		11,130
	0.318	80	XS	12.52	33.04	X42	42,100	60,200	3,000	5,020	9,570
	0.318	80	XS	12.52	33.04	X46	46,400	63,100	3,000	5,530	10,030
	0.318	80	XS	12.52	33.04	X52	52,200	66,700	3,000	6,220	10,610
	0.318	80	XS	12.52	33.04	X56	56,600	71,100	3,000	6,750	11,300
	0.318	80	XS	12.52	33.04	X60	60,200	75,400	3,000	7,180	11,990
	0.318	80	XS	12.52	33.04	X65	65,300	77,600	3,000	7,260	12,340
	0.318	80	XS	12.52	33.04	X70	70,300	82,700	3,000	7,260	13,150
	0.440			16.74	44.21	B	35,500	60,200	2,800	2,800	13,240
	0.440			16.74	44.21	C	40,000	70,000	2,800		15,400
	0.440			16.74	44.21	X42	42,100	60,200	3,000	6,950	13,240
	0.440			16.74	44.21	X46	46,400	63,100	3,000	7,260	13,880
	0.440			16.74	44.21	X52	52,200	66,700	3,000	7,260	14,670
	0.440			16.74	44.21	X56	56,600	71,100	3,000	7,260	15,640
	0.440			16.74	44.21	X60	60,200	75,400	3,000	7,260	16,590
	0.440			16.74	44.21	X65	65,300	77,600	3,000	7,260	17,070
	0.440			16.74	44.21	X70	70,300	82,700	3,000	7,260	18,190
	0.636			22.87	60.38	B	35,500	60,200	2,800	2,800	19,140
	0.636			22.87	60.38	C	40,000	70,000	2,800		22,260
	0.636			22.87	60.38	X42	42,100	60,200	3,000	7,260	19,140
	0.636			22.87	60.38	X46	46,400	63,100	3,000	7,260	20,070
	0.636			22.87	60.38	X52	52,200	66,700	3,000	7,260	21,210
	0.636			22.87	60.38	X56	56,600	71,100	3,000	7,260	22,610
	0.636			22.87	60.38	X60	60,200	75,400	3,000	7,260	23,980
	0.636			22.87	60.38	X65	65,300	77,600	3,000	7,260	24,680
	0.636			22.87	60.38	X70	70,300	82,700	3,000	7,260	26,300
NPS 4 OD 4.500 Seamless	0.188			8.67	22.88	B	35,500	60,200	1,780	2,220	5,030
	0.188			8.67	22.88	C	40,000	70,000	2,010		5,850
	0.188			8.67	22.88	X42	42,100	60,200	2,110	2,640	5,030
	0.188			8.67	22.88	X46	46,400	63,100	2,330	2,910	5,270
	0.188			8.67	22.88	X52	52,200	66,700	2,620	3,270	5,570
	0.188			8.67	22.88	X56	56,600	71,100	2,840	3,550	5,940
	0.188			8.67	22.88	X60	60,200	75,400	3,000	3,770	6,300
	0.188			8.67	22.88	X65	65,300	77,600	3,000	4,090	6,480
	0.188			8.67	22.88	X70	70,300	82,700	3,000	4,410	6,910
	0.188			8.67	22.88	X80	80,500	90,600	3,000	5,040	7,570
	0.203			9.32	24.62	B	35,500	60,200	1,920	2,400	5,430
	0.203			9.32	24.62	C	40,000	70,000	2,170		6,320
	0.203			9.32	24.62	X42	42,100	60,200	2,280	2,850	5,430
	0.203			9.32	24.62	X46	46,400	63,100	2,510	3,140	5,690
	0.203			9.32	24.62	X52	52,200	66,700	2,830	3,530	6,020
	0.203			9.32	24.62	X56	56,600	71,100	3,000	3,830	6,410
	0.203			9.32	24.62	X60	60,200	75,400	3,000	4,070	6,800
	0.203			9.32	24.62	X65	65,300	77,600	3,000	4,420	7,000
	0.203			9.32	24.62	X70	70,300	82,700	3,000	4,760	7,460
	0.203			9.32	24.62	X80	80,500	90,600	3,000	5,450	8,170
	0.219			10.02	26.46	B	35,500	60,200	2,070	2,590	5,860
	0.219			10.02	26.46	C	40,000	70,000	2,340		6,810
	0.219			10.02	26.46	X42	42,100	60,200	2,460	3,070	5,860
	0.219			10.02	26.46	X46	46,400	63,100	2,710	3,390	6,140
	0.219			10.02	26.46	X52	52,200	66,700	3,000	3,810	6,490
	0.219			10.02	26.46	X56	56,600	71,100	3,000	4,130	6,920
	0.219			10.02	26.46	X60	60,200	75,400	3,000	4,390	7,340
	0.219			10.02	26.46	X65	65,300	77,600	3,000	4,770	7,550
	0.219			10.02	26.46	X70	70,300	82,700	3,000	5,130	8,050
	0.219			10.02	26.46	X80	80,500	90,600	3,000	5,880	8,820
	0.237	40	STD	10.80	28.51	B	35,500	60,200	2,240	2,800	6,340
	0.237	40	STD	10.80	28.51	C	40,000	70,000	2,530		7,370
	0.237	40	STD	10.80	28.51	X42	42,100	60,200	2,660	3,330	6,340
	0.237	40	STD	10.80	28.51	X46	46,400	63,100	2,930	3,670	6,650
	0.237	40	STD	10.80	28.51	X52	52,200	66,700	3,000	4,120	7,030
	0.237	40	STD	10.80	28.51	X56	56,600	71,100	3,000	4,470	7,490
	0.237	40	STD	10.80	28.51	X60	60,200	75,400	3,000	4,760	7,940
	0.237	40	STD	10.80	28.51	X65	65,300	77,600	3,000	5,160	8,170
	0.237	40	STD	10.80	28.51	X70	70,300	82,700	3,000	5,550	8,710

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 4 OD 4.500 Seamless	0.237	40	STD	10.80	28.51	X80	80,500	90,600	3,000	6,360	9,540
	0.250			11.36	29.99	B	35,500	60,200	2,370	2,800	6,690
	0.250			11.36	29.99	C	40,000	70,000	2,670		7,780
	0.250			11.36	29.99	X42	42,100	60,200	2,810	3,510	6,690
	0.250			11.36	29.99	X46	46,400	63,100	3,000	3,870	7,010
	0.250			11.36	29.99	X52	52,200	66,700	3,000	4,350	7,410
	0.250			11.36	29.99	X56	56,600	71,100	3,000	4,720	7,900
	0.250			11.36	29.99	X60	60,200	75,400	3,000	5,020	8,380
	0.250			11.36	29.99	X65	65,300	77,600	3,000	5,440	8,620
	0.250			11.36	29.99	X70	70,300	82,700	3,000	5,860	9,190
	0.250			11.36	29.99	X80	80,500	90,600	3,000	6,710	10,070
	0.281			12.67	33.46	B	35,500	60,200	2,660	2,800	7,520
	0.281			12.67	33.46	C	40,000	70,000	2,800		8,740
	0.281			12.67	33.46	X42	42,100	60,200	3,000	3,940	7,520
	0.281			12.67	33.46	X46	46,400	63,100	3,000	4,350	7,880
	0.281			12.67	33.46	X52	52,200	66,700	3,000	4,890	8,330
	0.281			12.67	33.46	X56	56,600	71,100	3,000	5,300	8,880
	0.281			12.67	33.46	X60	60,200	75,400	3,000	5,640	9,420
	0.281			12.67	33.46	X65	65,300	77,600	3,000	6,120	9,690
	0.281			12.67	33.46	X70	70,300	82,700	3,000	6,580	10,330
	0.281			12.67	33.46	X80	80,500	90,600	3,000	7,260	11,310
	0.312			13.97	36.88	B	35,500	60,200	2,800	2,800	8,350
	0.312			13.97	36.88	C	40,000	70,000	2,800		9,710
	0.312			13.97	36.88	X42	42,100	60,200	3,000	4,380	8,350
	0.312			13.97	36.88	X46	46,400	63,100	3,000	4,830	8,750
	0.312			13.97	36.88	X52	52,200	66,700	3,000	5,430	9,250
	0.312			13.97	36.88	X56	56,600	71,100	3,000	5,890	9,860
	0.312			13.97	36.88	X60	60,200	75,400	3,000	6,260	10,460
	0.312			13.97	36.88	X65	65,300	77,600	3,000	6,790	10,760
	0.312			13.97	36.88	X70	70,300	82,700	3,000	7,260	11,470
	0.312			13.97	36.88	X80	80,500	90,600	3,000	7,260	12,560
	0.337	80	XS	15.00	39.59	B	35,500	60,200	2,800	2,800	9,020
	0.337	80	XS	15.00	39.59	C	40,000	70,000	2,800		10,480
	0.337	80	XS	15.00	39.59	X42	42,100	60,200	3,000	4,730	9,020
	0.337	80	XS	15.00	39.59	X46	46,400	63,100	3,000	5,210	9,450
	0.337	80	XS	15.00	39.59	X52	52,200	66,700	3,000	5,860	9,990
	0.337	80	XS	15.00	39.59	X56	56,600	71,100	3,000	6,360	10,650
	0.337	80	XS	15.00	39.59	X60	60,200	75,400	3,000	6,760	11,290
	0.337	80	XS	15.00	39.59	X65	65,300	77,600	3,000	7,260	11,620
	0.337	80	XS	15.00	39.59	X70	70,300	82,700	3,000	7,260	12,390
	0.337	80	XS	15.00	39.59	X80	80,500	90,600	3,000	7,260	13,570
	0.438	120		19.02	50.21	B	35,500	60,200	2,800	2,800	11,720
	0.438	120		19.02	50.21	C	40,000	70,000	2,800		13,630
	0.438	120		19.02	50.21	X42	42,100	60,200	3,000	6,150	11,720
	0.438	120		19.02	50.21	X46	46,400	63,100	3,000	6,770	12,280
	0.438	120		19.02	50.21	X52	52,200	66,700	3,000	7,260	12,980
	0.438	120		19.02	50.21	X56	56,600	71,100	3,000	7,260	13,840
	0.438	120		19.02	50.21	X60	60,200	75,400	3,000	7,260	14,680
	0.438	120		19.02	50.21	X65	65,300	77,600	3,000	7,260	15,110
	0.438	120		19.02	50.21	X70	70,300	82,700	3,000	7,260	16,100
	0.438	120		19.02	50.21	X80	80,500	90,600	3,000	7,260	17,640
	0.531	160		22.53	59.48	B	35,500	60,200	2,800	2,800	14,210
	0.531	160		22.53	59.48	C	40,000	70,000	2,800		16,520
	0.531	160		22.53	59.48	X42	42,100	60,200	3,000	7,260	14,210
	0.531	160		22.53	59.48	X46	46,400	63,100	3,000	7,260	14,890
	0.531	160		22.53	59.48	X52	52,200	66,700	3,000	7,260	15,740
	0.531	160		22.53	59.48	X56	56,600	71,100	3,000	7,260	16,780
	0.531	160		22.53	59.48	X60	60,200	75,400	3,000	7,260	17,790
	0.531	160		22.53	59.48	X65	65,300	77,600	3,000	7,260	18,310
	0.531	160		22.53	59.48	X70	70,300	82,700	3,000	7,260	19,520
	0.531	160		22.53	59.48	X80	80,500	90,600	3,000	7,260	21,380
NPS 5 OD 5.563 Seamless	0.258	40	STD	14.63	38.63	B	35,500	60,200	1,980	2,470	5,580
	0.258	40	STD	14.63	38.63	C	40,000	70,000	2,230		6,490
	0.258	40	STD	14.63	38.63	X42	42,100	60,200	2,340	2,930	5,580
	0.258	40	STD	14.63	38.63	X46	46,400	63,100	2,580	3,230	5,850

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 5 OD 5.563 Seamless	0.258	40	STD	14.63	38.63	X52	52,200	66,700	2,910	3,630	6,190
	0.258	40	STD	14.63	38.63	X56	56,600	71,100	3,000	3,940	6,590
	0.258	40	STD	14.63	38.63	X60	60,200	75,400	3,000	4,190	6,990
	0.258	40	STD	14.63	38.63	X65	65,300	77,600	3,000	4,540	7,200
	0.258	40	STD	14.63	38.63	X70	70,300	82,700	3,000	4,890	7,670
	0.258	40	STD	14.63	38.63	X80	80,500	90,600	3,000	5,600	8,400
	0.281			15.87	41.89	B	35,500	60,200	2,150	2,690	6,080
	0.281			15.87	41.89	C	40,000	70,000	2,420		7,070
	0.281			15.87	41.89	X42	42,100	60,200	2,550	3,190	6,080
	0.281			15.87	41.89	X46	46,400	63,100	2,810	3,520	6,370
	0.281			15.87	41.89	X52	52,200	66,700	3,000	3,960	6,740
	0.281			15.87	41.89	X56	56,600	71,100	3,000	4,290	7,180
	0.281			15.87	41.89	X60	60,200	75,400	3,000	4,560	7,620
	0.281			15.87	41.89	X65	65,300	77,600	3,000	4,950	7,840
	0.281			15.87	41.89	X70	70,300	82,700	3,000	5,330	8,350
	0.281			15.87	41.89	X80	80,500	90,600	3,000	6,100	9,150
	0.312			17.51	46.24	B	35,500	60,200	2,390	2,800	6,750
	0.312			17.51	46.24	C	40,000	70,000	2,690		7,850
	0.312			17.51	46.24	X42	42,100	60,200	2,830	3,540	6,750
	0.312			17.51	46.24	X46	46,400	63,100	3,000	3,900	7,080
	0.312			17.51	46.24	X52	52,200	66,700	3,000	4,390	7,480
	0.312			17.51	46.24	X56	56,600	71,100	3,000	4,760	7,980
	0.312			17.51	46.24	X60	60,200	75,400	3,000	5,060	8,460
	0.312			17.51	46.24	X65	65,300	77,600	3,000	5,490	8,700
	0.312			17.51	46.24	X70	70,300	82,700	3,000	5,910	9,280
	0.312			17.51	46.24	X80	80,500	90,600	3,000	6,770	10,160
	0.344			19.19	50.67	B	35,500	60,200	2,630	2,800	7,450
	0.344			19.19	50.67	C	40,000	70,000	2,800		8,660
	0.344			19.19	50.67	X42	42,100	60,200	3,000	3,910	7,450
	0.344			19.19	50.67	X46	46,400	63,100	3,000	4,300	7,800
	0.344			19.19	50.67	X52	52,200	66,700	3,000	4,840	8,250
	0.344			19.19	50.67	X56	56,600	71,100	3,000	5,250	8,790
	0.344			19.19	50.67	X60	60,200	75,400	3,000	5,580	9,330
	0.344			19.19	50.67	X65	65,300	77,600	3,000	6,060	9,600
	0.344			19.19	50.67	X70	70,300	82,700	3,000	6,520	10,230
	0.344			19.19	50.67	X80	80,500	90,600	3,000	7,260	11,200
	0.375	80	XS	20.80	54.91	B	35,500	60,200	2,800	2,800	8,120
	0.375	80	XS	20.80	54.91	C	40,000	70,000	2,800		9,440
	0.375	80	XS	20.80	54.91	X42	42,100	60,200	3,000	4,260	8,120
	0.375	80	XS	20.80	54.91	X46	46,400	63,100	3,000	4,690	8,510
	0.375	80	XS	20.80	54.91	X52	52,200	66,700	3,000	5,280	8,990
	0.375	80	XS	20.80	54.91	X56	56,600	71,100	3,000	5,720	9,590
	0.375	80	XS	20.80	54.91	X60	60,200	75,400	3,000	6,090	10,170
	0.375	80	XS	20.80	54.91	X65	65,300	77,600	3,000	6,600	10,460
	0.375	80	XS	20.80	54.91	X70	70,300	82,700	3,000	7,110	11,150
	0.375	80	XS	20.80	54.91	X80	80,500	90,600	3,000	7,260	12,210
	0.500	120		27.06	71.44	B	35,500	60,200	2,800	2,800	10,820
	0.500	120		27.06	71.44	C	40,000	70,000	2,800		12,580
	0.500	120		27.06	71.44	X42	42,100	60,200	3,000	5,680	10,820
	0.500	120		27.06	71.44	X46	46,400	63,100	3,000	6,260	11,340
	0.500	120		27.06	71.44	X52	52,200	66,700	3,000	7,040	11,990
	0.500	120		27.06	71.44	X56	56,600	71,100	3,000	7,260	12,780
	0.500	120		27.06	71.44	X60	60,200	75,400	3,000	7,260	13,550
	0.500	120		27.06	71.44	X65	65,300	77,600	3,000	7,260	13,950
	0.500	120		27.06	71.44	X70	70,300	82,700	3,000	7,260	14,870
	0.500	120		27.06	71.44	X80	80,500	90,600	3,000	7,260	16,290
	0.625	160		32.99	87.10	B	35,500	60,200	2,800	2,800	13,530
	0.625	160		32.99	87.10	C	40,000	70,000	2,800		15,730
	0.625	160		32.99	87.10	X42	42,100	60,200	3,000	7,090	13,530
	0.625	160		32.99	87.10	X46	46,400	63,100	3,000	7,260	14,180
	0.625	160		32.99	87.10	X52	52,200	66,700	3,000	7,260	14,990
	0.625	160		32.99	87.10	X56	56,600	71,100	3,000	7,260	15,980
	0.625	160		32.99	87.10	X60	60,200	75,400	3,000	7,260	16,940
	0.625	160		32.99	87.10	X65	65,300	77,600	3,000	7,260	17,440
	0.625	160		32.99	87.10	X70	70,300	82,700	3,000	7,260	18,580

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
	0.625	160		32.99	87.10	X80	80,500	90,600	3,000	7,260	20,360
NPS 6 OD 6.625 Seamless	0.250			17.04	44.98	B	35,500	60,200	1,610	2,010	4,540
	0.250			17.04	44.98	C	40,000	70,000	1,810		5,280
	0.250			17.04	44.98	X42	42,100	60,200	2,380	2,380	4,540
	0.250			17.04	44.98	X46	46,400	63,100	2,630	2,630	4,760
	0.250			17.04	44.98	X52	52,200	66,700	2,950	2,950	5,030
	0.250			17.04	44.98	X56	56,600	71,100	3,000	3,200	5,370
	0.250			17.04	44.98	X60	60,200	75,400	3,000	3,410	5,690
	0.250			17.04	44.98	X65	65,300	77,600	3,000	3,700	5,860
	0.250			17.04	44.98	X70	70,300	82,700	3,000	3,980	6,240
	0.250			17.04	44.98	X80	80,500	90,600	3,000	4,560	6,840
	0.280	40	STD	18.99	50.14	B	35,500	60,200	1,800	2,250	5,090
	0.280	40	STD	18.99	50.14	C	40,000	70,000	2,030		5,920
	0.280	40	STD	18.99	50.14	X42	42,100	60,200	2,670	2,670	5,090
	0.280	40	STD	18.99	50.14	X46	46,400	63,100	2,940	2,940	5,330
	0.280	40	STD	18.99	50.14	X52	52,200	66,700	3,000	3,310	5,640
	0.280	40	STD	18.99	50.14	X56	56,600	71,100	3,000	3,590	6,010
	0.280	40	STD	18.99	50.14	X60	60,200	75,400	3,000	3,820	6,370
	0.280	40	STD	18.99	50.14	X65	65,300	77,600	3,000	4,140	6,560
	0.280	40	STD	18.99	50.14	X70	70,300	82,700	3,000	4,460	6,990
	0.280	40	STD	18.99	50.14	X80	80,500	90,600	3,000	5,100	7,660
	0.312			21.06	55.59	B	35,500	60,200	2,010	2,510	5,670
	0.312			21.06	55.59	C	40,000	70,000	2,260		6,590
	0.312			21.06	55.59	X42	42,100	60,200	2,970	2,970	5,670
	0.312			21.06	55.59	X46	46,400	63,100	3,000	3,280	5,940
	0.312			21.06	55.59	X52	52,200	66,700	3,000	3,690	6,280
	0.312			21.06	55.59	X56	56,600	71,100	3,000	4,000	6,700
	0.312			21.06	55.59	X60	60,200	75,400	3,000	4,250	7,100
	0.312			21.06	55.59	X65	65,300	77,600	3,000	4,610	7,310
	0.312			21.06	55.59	X70	70,300	82,700	3,000	4,970	7,790
	0.312			21.06	55.59	X80	80,500	90,600	3,000	5,690	8,530
	0.344			23.10	60.98	B	35,500	60,200	2,210	2,760	6,250
	0.344			23.10	60.98	C	40,000	70,000	2,490		7,270
	0.344			23.10	60.98	X42	42,100	60,200	3,000	3,280	6,250
	0.344			23.10	60.98	X46	46,400	63,100	3,000	3,610	6,550
	0.344			23.10	60.98	X52	52,200	66,700	3,000	4,070	6,930
	0.344			23.10	60.98	X56	56,600	71,100	3,000	4,410	7,380
	0.344			23.10	60.98	X60	60,200	75,400	3,000	4,690	7,830
	0.344			23.10	60.98	X65	65,300	77,600	3,000	5,090	8,060
	0.344			23.10	60.98	X70	70,300	82,700	3,000	5,480	8,590
	0.344			23.10	60.98	X80	80,500	90,600	3,000	6,270	9,410
	0.375			25.05	66.14	B	35,500	60,200	2,410	2,800	6,820
	0.375			25.05	66.14	C	40,000	70,000	2,720		7,920
	0.375			25.05	66.14	X42	42,100	60,200	3,000	3,570	6,820
	0.375			25.05	66.14	X46	46,400	63,100	3,000	3,940	7,140
	0.375			25.05	66.14	X52	52,200	66,700	3,000	4,430	7,550
	0.375			25.05	66.14	X56	56,600	71,100	3,000	4,810	8,050
	0.375			25.05	66.14	X60	60,200	75,400	3,000	5,110	8,540
	0.375			25.05	66.14	X65	65,300	77,600	3,000	5,540	8,780
	0.375			25.05	66.14	X70	70,300	82,700	3,000	5,970	9,360
	0.375			25.05	66.14	X80	80,500	90,600	3,000	6,830	10,260
	0.432	80	XS	28.60	75.50	B	35,500	60,200	2,800	2,800	7,850
	0.432	80	XS	28.60	75.50	C	40,000	70,000	2,800		9,130
	0.432	80	XS	28.60	75.50	X42	42,100	60,200	3,000	4,120	7,850
	0.432	80	XS	28.60	75.50	X46	46,400	63,100	3,000	4,540	8,230
	0.432	80	XS	28.60	75.50	X52	52,200	66,700	3,000	5,110	8,700
	0.432	80	XS	28.60	75.50	X56	56,600	71,100	3,000	5,540	9,270
	0.432	80	XS	28.60	75.50	X60	60,200	75,400	3,000	5,890	9,830
	0.432	80	XS	28.60	75.50	X65	65,300	77,600	3,000	6,390	10,120
	0.432	80	XS	28.60	75.50	X70	70,300	82,700	3,000	6,880	10,790
	0.432	80	XS	28.60	75.50	X80	80,500	90,600	3,000	7,260	11,820
	0.500			32.74	86.43	B	35,500	60,200	2,800	2,800	9,090
	0.500			32.74	86.43	C	40,000	70,000	2,800		10,570
	0.500			32.74	86.43	X42	42,100	60,200	3,000	4,770	9,090
	0.500			32.74	86.43	X46	46,400	63,100	3,000	5,250	9,520

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 6 OD 6.625 Seamless	0.500			32.74	86.43	X52	52,200	66,700	3,000	5,910	10,070
	0.500			32.74	86.43	X56	56,600	71,100	3,000	6,410	10,730
	0.500			32.74	86.43	X60	60,200	75,400	3,000	6,820	11,380
	0.500			32.74	86.43	X65	65,300	77,600	3,000	7,260	11,710
	0.500			32.74	86.43	X70	70,300	82,700	3,000	7,260	12,480
	0.500			32.74	86.43	X80	80,500	90,600	3,000	7,260	13,680
	0.562	120		36.43	96.16	B	35,500	60,200	2,800	2,800	10,210
	0.562	120		36.43	96.16	C	40,000	70,000	2,800		11,880
	0.562	120		36.43	96.16	X42	42,100	60,200	3,000	5,360	10,210
	0.562	120		36.43	96.16	X46	46,400	63,100	3,000	5,900	10,710
	0.562	120		36.43	96.16	X52	52,200	66,700	3,000	6,640	11,320
	0.562	120		36.43	96.16	X56	56,600	71,100	3,000	7,200	12,060
	0.562	120		36.43	96.16	X60	60,200	75,400	3,000	7,260	12,790
	0.562	120		36.43	96.16	X65	65,300	77,600	3,000	7,260	13,170
	0.562	120		36.43	96.16	X70	70,300	82,700	3,000	7,260	14,030
	0.562	120		36.43	96.16	X80	80,500	90,600	3,000	7,260	15,370
	0.625			40.09	105.83	B	35,500	60,200	2,800	2,800	11,360
	0.625			40.09	105.83	C	40,000	70,000	2,800		13,210
	0.625			40.09	105.83	X42	42,100	60,200	3,000	5,960	11,360
	0.625			40.09	105.83	X46	46,400	63,100	3,000	6,570	11,910
	0.625			40.09	105.83	X52	52,200	66,700	3,000	7,260	12,580
	0.625			40.09	105.83	X56	56,600	71,100	3,000	7,260	13,420
	0.625			40.09	105.83	X60	60,200	75,400	3,000	7,260	14,230
	0.625			40.09	105.83	X65	65,300	77,600	3,000	7,260	14,640
	0.625			40.09	105.83	X70	70,300	82,700	3,000	7,260	15,600
	0.625			40.09	105.83	X80	80,500	90,600	3,000	7,260	17,090
	0.719	160		45.39	119.84	B	35,500	60,200	2,800	2,800	13,070
	0.719	160		45.39	119.84	C	40,000	70,000	2,800		15,190
	0.719	160		45.39	119.84	X42	42,100	60,200	3,000	6,850	13,070
	0.719	160		45.39	119.84	X46	46,400	63,100	3,000	7,260	13,700
	0.719	160		45.39	119.84	X52	52,200	66,700	3,000	7,260	14,480
	0.719	160		45.39	119.84	X56	56,600	71,100	3,000	7,260	15,430
	0.719	160		45.39	119.84	X60	60,200	75,400	3,000	7,260	16,370
	0.719	160		45.39	119.84	X65	65,300	77,600	3,000	7,260	16,840
	0.719	160		45.39	119.84	X70	70,300	82,700	3,000	7,260	17,950
	0.719	160		45.39	119.84	X80	80,500	90,600	3,000	7,260	19,670
NPS 8 OD 8.625 Seamless & ERW	0.188			16.96	44.76	B	35,500	60,200	930	1,160	2,620
	0.188			16.96	44.76	C	40,000	70,000	1,050		3,050
	0.188			16.96	44.76	X42	42,100	60,200	1,380	1,380	2,620
	0.188			16.96	44.76	X46	46,400	63,100	1,520	1,520	2,750
	0.188			16.96	44.76	X52	52,200	66,700	1,710	1,710	2,910
	0.188			16.96	44.76	X56	56,600	71,100	1,850	1,850	3,100
	0.188			16.96	44.76	X60	60,200	75,400	1,970	1,970	3,290
	0.188			16.96	44.76	X65	65,300	77,600	2,140	2,140	3,380
	0.188			16.96	44.76	X70	70,300	82,700	2,300	2,300	3,610
	0.188			16.96	44.76	X80	80,500	90,600	2,630	2,630	3,950
	0.203			18.28	48.25	B	35,500	60,200	1,000	1,250	2,830
	0.203			18.28	48.25	C	40,000	70,000	1,130		3,300
	0.203			18.28	48.25	X42	42,100	60,200	1,490	1,490	2,830
	0.203			18.28	48.25	X46	46,400	63,100	1,640	1,640	2,970
	0.203			18.28	48.25	X52	52,200	66,700	1,840	1,840	3,140
	0.203			18.28	48.25	X56	56,600	71,100	2,000	2,000	3,350
	0.203			18.28	48.25	X60	60,200	75,400	2,130	2,130	3,550
	0.203			18.28	48.25	X65	65,300	77,600	2,310	2,310	3,650
	0.203			18.28	48.25	X70	70,300	82,700	2,480	2,480	3,890
	0.203			18.28	48.25	X80	80,500	90,600	2,840	2,840	4,260
	0.219			19.68	51.95	B	35,500	60,200	1,080	1,350	3,060
	0.219			19.68	51.95	C	40,000	70,000	1,220		3,550
	0.219			19.68	51.95	X42	42,100	60,200	1,600	1,600	3,060
	0.219			19.68	51.95	X46	46,400	63,100	1,770	1,770	3,200
	0.219			19.68	51.95	X52	52,200	66,700	1,990	1,990	3,390
	0.219			19.68	51.95	X56	56,600	71,100	2,160	2,160	3,610
	0.219			19.68	51.95	X60	60,200	75,400	2,290	2,290	3,830
	0.219			19.68	51.95	X65	65,300	77,600	2,490	2,490	3,940
	0.219			19.68	51.95	X70	70,300	82,700	2,680	2,680	4,200

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 8 OD 8.625 Seamless & ERW	0.219			19.68	51.95	X80	80,500	90,600	3,000	3,070	4,600
	0.250	20		22.38	59.09	B	35,500	60,200	1,230	1,540	3,490
	0.250	20		22.38	59.09	C	40,000	70,000	1,390		4,060
	0.250	20		22.38	59.09	X42	42,100	60,200	1,830	1,830	3,490
	0.250	20		22.38	59.09	X46	46,400	63,100	2,020	2,020	3,660
	0.250	20		22.38	59.09	X52	52,200	66,700	2,270	2,270	3,870
	0.250	20		22.38	59.09	X56	56,600	71,100	2,460	2,460	4,120
	0.250	20		22.38	59.09	X60	60,200	75,400	2,620	2,620	4,370
	0.250	20		22.38	59.09	X65	65,300	77,600	2,840	2,840	4,500
	0.250	20		22.38	59.09	X70	70,300	82,700	3,000	3,060	4,790
	0.250	20		22.38	59.09	X80	80,500	90,600	3,000	3,500	5,250
	0.277	30		24.72	65.26	B	35,500	60,200	1,370	1,710	3,870
	0.277	30		24.72	65.26	C	40,000	70,000	1,540		4,500
	0.277	30		24.72	65.26	X42	42,100	60,200	2,030	2,030	3,870
	0.277	30		24.72	65.26	X46	46,400	63,100	2,240	2,240	4,050
	0.277	30		24.72	65.26	X52	52,200	66,700	2,510	2,510	4,280
	0.277	30		24.72	65.26	X56	56,600	71,100	2,730	2,730	4,570
	0.277	30		24.72	65.26	X60	60,200	75,400	2,900	2,900	4,840
	0.277	30		24.72	65.26	X65	65,300	77,600	3,000	3,150	4,980
	0.277	30		24.72	65.26	X70	70,300	82,700	3,000	3,390	5,310
	0.277	30		24.72	65.26	X80	80,500	90,600	3,000	3,880	5,820
	0.312			27.73	73.20	B	35,500	60,200	1,540	1,930	4,360
	0.312			27.73	73.20	C	40,000	70,000	1,740		5,060
	0.312			27.73	73.20	X42	42,100	60,200	2,280	2,280	4,360
	0.312			27.73	73.20	X46	46,400	63,100	2,520	2,520	4,570
	0.312			27.73	73.20	X52	52,200	66,700	2,830	2,830	4,830
	0.312			27.73	73.20	X56	56,600	71,100	3,000	3,070	5,140
	0.312			27.73	73.20	X60	60,200	75,400	3,000	3,270	5,460
	0.312			27.73	73.20	X65	65,300	77,600	3,000	3,540	5,610
	0.312			27.73	73.20	X70	70,300	82,700	3,000	3,810	5,980
	0.312			27.73	73.20	X80	80,500	90,600	3,000	4,370	6,550
	0.322	40	STD	28.58	75.45	B	35,500	60,200	1,590	1,990	4,490
	0.322	40	STD	28.58	75.45	C	40,000	70,000	1,790		5,230
	0.322	40	STD	28.58	75.45	X42	42,100	60,200	2,360	2,360	4,490
	0.322	40	STD	28.58	75.45	X46	46,400	63,100	2,600	2,600	4,710
	0.322	40	STD	28.58	75.45	X52	52,200	66,700	2,920	2,920	4,980
	0.322	40	STD	28.58	75.45	X56	56,600	71,100	3,000	3,170	5,310
	0.322	40	STD	28.58	75.45	X60	60,200	75,400	3,000	3,370	5,630
	0.322	40	STD	28.58	75.45	X65	65,300	77,600	3,000	3,660	5,790
	0.322	40	STD	28.58	75.45	X70	70,300	82,700	3,000	3,940	6,170
	0.322	40	STD	28.58	75.45	X80	80,500	90,600	3,000	4,510	6,760
	0.344			30.45	80.39	B	35,500	60,200	1,700	2,120	4,800
	0.344			30.45	80.39	C	40,000	70,000	1,910		5,580
	0.344			30.45	80.39	X42	42,100	60,200	2,520	2,520	4,800
	0.344			30.45	80.39	X46	46,400	63,100	2,780	2,780	5,030
	0.344			30.45	80.39	X52	52,200	66,700	3,000	3,120	5,320
	0.344			30.45	80.39	X56	56,600	71,100	3,000	3,390	5,670
	0.344			30.45	80.39	X60	60,200	75,400	3,000	3,600	6,010
	0.344			30.45	80.39	X65	65,300	77,600	3,000	3,910	6,190
	0.344			30.45	80.39	X70	70,300	82,700	3,000	4,210	6,600
	0.344			30.45	80.39	X80	80,500	90,600	3,000	4,820	7,230
	0.375			33.07	87.31	B	35,500	60,200	1,850	2,320	5,230
	0.375			33.07	87.31	C	40,000	70,000	2,090		6,090
	0.375			33.07	87.31	X42	42,100	60,200	2,750	2,750	5,230
	0.375			33.07	87.31	X46	46,400	63,100	3,000	3,030	5,490
	0.375			33.07	87.31	X52	52,200	66,700	3,000	3,400	5,800
	0.375			33.07	87.31	X56	56,600	71,100	3,000	3,690	6,180
	0.375			33.07	87.31	X60	60,200	75,400	3,000	3,930	6,560
	0.375			33.07	87.31	X65	65,300	77,600	3,000	4,260	6,750
	0.375			33.07	87.31	X70	70,300	82,700	3,000	4,580	7,190
	0.375			33.07	87.31	X80	80,500	90,600	3,000	5,250	7,880
	0.406	60		35.67	94.17	B	35,500	60,200	2,010	2,510	5,670
	0.406	60		35.67	94.17	C	40,000	70,000	2,260		6,590
	0.406	60		35.67	94.17	X42	42,100	60,200	2,970	2,970	5,670
	0.406	60		35.67	94.17	X46	46,400	63,100	3,000	3,280	5,940

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 8 OD 8.625 Seamless & ERW	0.406	60		35.67	94.17	X52	52,200	66,700	3,000	3,690	6,280
	0.406	60		35.67	94.17	X56	56,600	71,100	3,000	4,000	6,690
	0.406	60		35.67	94.17	X60	60,200	75,400	3,000	4,250	7,100
	0.406	60		35.67	94.17	X65	65,300	77,600	3,000	4,610	7,310
	0.406	60		35.67	94.17	X70	70,300	82,700	3,000	4,960	7,790
	0.406	60		35.67	94.17	X80	80,500	90,600	3,000	5,680	8,530
	0.438			38.33	101.20	B	35,500	60,200	2,160	2,700	6,110
	0.438			38.33	101.20	C	40,000	70,000	2,440		7,110
	0.438			38.33	101.20	X42	42,100	60,200	3,000	3,210	6,110
	0.438			38.33	101.20	X46	46,400	63,100	3,000	3,530	6,410
	0.438			38.33	101.20	X52	52,200	66,700	3,000	3,980	6,770
	0.438			38.33	101.20	X56	56,600	71,100	3,000	4,310	7,220
	0.438			38.33	101.20	X60	60,200	75,400	3,000	4,590	7,660
	0.438			38.33	101.20	X65	65,300	77,600	3,000	4,970	7,880
	0.438			38.33	101.20	X70	70,300	82,700	3,000	5,360	8,400
	0.438			38.33	101.20	X80	80,500	90,600	3,000	6,130	9,200
	0.500	80	XS	43.43	114.65	B	35,500	60,200	2,470	2,800	6,980
	0.500	80	XS	43.43	114.65	C	40,000	70,000	2,800		8,120
	0.500	80	XS	43.43	114.65	X42	42,100	60,200	3,000	3,660	6,980
	0.500	80	XS	43.43	114.65	X46	46,400	63,100	3,000	4,030	7,320
	0.500	80	XS	43.43	114.65	X52	52,200	66,700	3,000	4,540	7,730
	0.500	80	XS	43.43	114.65	X56	56,600	71,100	3,000	4,920	8,240
	0.500	80	XS	43.43	114.65	X60	60,200	75,400	3,000	5,230	8,740
	0.500	80	XS	43.43	114.65	X65	65,300	77,600	3,000	5,680	9,000
	0.500	80	XS	43.43	114.65	X70	70,300	82,700	3,000	6,110	9,590
	0.500	80	XS	43.43	114.65	X80	80,500	90,600	3,000	7,000	10,500
	0.562			48.44	127.88	B	35,500	60,200	2,800	2,800	7,850
	0.562			48.44	127.88	C	40,000	70,000	2,800		9,120
	0.562			48.44	127.88	X42	42,100	60,200	3,000	4,110	7,850
	0.562			48.44	127.88	X46	46,400	63,100	3,000	4,540	8,220
	0.562			48.44	127.88	X52	52,200	66,700	3,000	5,100	8,690
	0.562			48.44	127.88	X56	56,600	71,100	3,000	5,530	9,270
	0.562			48.44	127.88	X60	60,200	75,400	3,000	5,880	9,830
	0.562			48.44	127.88	X65	65,300	77,600	3,000	6,380	10,110
	0.562			48.44	127.88	X70	70,300	82,700	3,000	6,870	10,780
	0.562			48.44	127.88	X80	80,500	90,600	3,000	7,260	11,810
	0.594	100		51.00	134.63	B	35,500	60,200	2,800	2,800	8,290
	0.594	100		51.00	134.63	C	40,000	70,000	2,800		9,640
	0.594	100		51.00	134.63	X42	42,100	60,200	3,000	4,350	8,290
	0.594	100		51.00	134.63	X46	46,400	63,100	3,000	4,790	8,690
	0.594	100		51.00	134.63	X52	52,200	66,700	3,000	5,390	9,190
	0.594	100		51.00	134.63	X56	56,600	71,100	3,000	5,850	9,790
	0.594	100		51.00	134.63	X60	60,200	75,400	3,000	6,220	10,390
	0.594	100		51.00	134.63	X65	65,300	77,600	3,000	6,750	10,690
	0.594	100		51.00	134.63	X70	70,300	82,700	3,000	7,260	11,390
	0.594	100		51.00	134.63	X80	80,500	90,600	3,000	7,260	12,480
	0.625			53.45	141.11	B	35,500	60,200	2,800	2,800	8,720
	0.625			53.45	141.11	C	40,000	70,000	2,800		10,140
	0.625			53.45	141.11	X42	42,100	60,200	3,000	4,580	8,720
	0.625			53.45	141.11	X46	46,400	63,100	3,000	5,040	9,140
	0.625			53.45	141.11	X52	52,200	66,700	3,000	5,670	9,670
	0.625			53.45	141.11	X56	56,600	71,100	3,000	6,150	10,300
	0.625			53.45	141.11	X60	60,200	75,400	3,000	6,540	10,930
	0.625			53.45	141.11	X65	65,300	77,600	3,000	7,100	11,250
	0.625			53.45	141.11	X70	70,300	82,700	3,000	7,260	11,990
	0.625			53.45	141.11	X80	80,500	90,600	3,000	7,260	13,130
	0.719	120		60.77	160.42	B	35,500	60,200	2,800	2,800	10,040
	0.719	120		60.77	160.42	C	40,000	70,000	2,800		11,670
	0.719	120		60.77	160.42	X42	42,100	60,200	3,000	5,260	10,040
	0.719	120		60.77	160.42	X46	46,400	63,100	3,000	5,800	10,520
	0.719	120		60.77	160.42	X52	52,200	66,700	3,000	6,530	11,120
	0.719	120		60.77	160.42	X56	56,600	71,100	3,000	7,080	11,850
	0.719	120		60.77	160.42	X60	60,200	75,400	3,000	7,260	12,570
	0.719	120		60.77	160.42	X65	65,300	77,600	3,000	7,260	12,940
	0.719	120		60.77	160.42	X70	70,300	82,700	3,000	7,260	13,790

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 8 OD 8.625 Seamless & ERW	0.719	120		60.77	160.42	X80	80,500	90,600	3,000	7,260	15,110
	0.812	140		67.82	179.04	B	35,500	60,200	2,800	2,800	11,340
	0.812	140		67.82	179.04	C	40,000	70,000	2,800		13,180
	0.812	140		67.82	179.04	X42	42,100	60,200	3,000	5,950	11,340
	0.812	140		67.82	179.04	X46	46,400	63,100	3,000	6,550	11,880
	0.812	140		67.82	179.04	X52	52,200	66,700	3,000	7,260	12,560
	0.812	140		67.82	179.04	X56	56,600	71,100	3,000	7,260	13,390
	0.812	140		67.82	179.04	X60	60,200	75,400	3,000	7,260	14,200
	0.812	140		67.82	179.04	X65	65,300	77,600	3,000	7,260	14,610
	0.812	140		67.82	179.04	X70	70,300	82,700	3,000	7,260	15,570
	0.812	140		67.82	179.04	X80	80,500	90,600	3,000	7,260	17,060
	0.875		XXS	72.49	191.38	B	35,500	60,200	2,800	2,800	12,210
	0.875		XXS	72.49	191.38	C	40,000	70,000	2,800		14,200
	0.875		XXS	72.49	191.38	X42	42,100	60,200	3,000	6,410	12,210
	0.875		XXS	72.49	191.38	X46	46,400	63,100	3,000	7,060	12,800
	0.875		XXS	72.49	191.38	X52	52,200	66,700	3,000	7,260	13,530
	0.875		XXS	72.49	191.38	X56	56,600	71,100	3,000	7,260	14,430
	0.875		XXS	72.49	191.38	X60	60,200	75,400	3,000	7,260	15,300
	0.875		XXS	72.49	191.38	X65	65,300	77,600	3,000	7,260	15,740
	0.875		XXS	72.49	191.38	X70	70,300	82,700	3,000	7,260	16,780
	0.875		XXS	72.49	191.38	X80	80,500	90,600	3,000	7,260	18,380
	0.906	160		74.76	197.37	B	35,500	60,200	2,800	2,800	12,650
	0.906	160		74.76	197.37	C	40,000	70,000	2,800		14,710
	0.906	160		74.76	197.37	X42	42,100	60,200	3,000	6,630	12,650
	0.906	160		74.76	197.37	X46	46,400	63,100	3,000	7,260	13,260
	0.906	160		74.76	197.37	X52	52,200	66,700	3,000	7,260	14,010
	0.906	160		74.76	197.37	X56	56,600	71,100	3,000	7,260	14,940
	0.906	160		74.76	197.37	X60	60,200	75,400	3,000	7,260	15,840
	0.906	160		74.76	197.37	X65	65,300	77,600	3,000	7,260	16,300
	0.906	160		74.76	197.37	X70	70,300	82,700	3,000	7,260	17,370
	0.906	160		74.76	197.37	X80	80,500	90,600	3,000	7,260	19,030
NPS 10 OD 10.750 Seamless & ERW	0.188			21.23	56.04	B	35,500	60,200	750	930	2,110
	0.188			21.23	56.04	C	40,000	70,000	840		2,450
	0.188			21.23	56.04	X42	42,100	60,200	1,250	1,250	2,110
	0.188			21.23	56.04	X46	46,400	63,100	1,380	1,380	2,210
	0.188			21.23	56.04	X52	52,200	66,700	1,550	1,550	2,330
	0.188			21.23	56.04	X56	56,600	71,100	1,680	1,680	2,490
	0.188			21.23	56.04	X60	60,200	75,400	1,790	1,790	2,640
	0.188			21.23	56.04	X65	65,300	77,600	1,940	1,940	2,710
	0.188			21.23	56.04	X70	70,300	82,700	2,090	2,090	2,890
	0.188			21.23	56.04	X80	80,500	90,600	2,390	2,390	3,170
	0.203			22.89	60.42	B	35,500	60,200	800	1,010	2,270
	0.203			22.89	60.42	C	40,000	70,000	910		2,640
	0.203			22.89	60.42	X42	42,100	60,200	1,350	1,350	2,270
	0.203			22.89	60.42	X46	46,400	63,100	1,490	1,490	2,380
	0.203			22.89	60.42	X52	52,200	66,700	1,680	1,680	2,520
	0.203			22.89	60.42	X56	56,600	71,100	1,820	1,820	2,690
	0.203			22.89	60.42	X60	60,200	75,400	1,930	1,930	2,850
	0.203			22.89	60.42	X65	65,300	77,600	2,100	2,100	2,930
	0.203			22.89	60.42	X70	70,300	82,700	2,260	2,260	3,120
	0.203			22.89	60.42	X80	80,500	90,600	2,580	2,580	3,420
	0.219			24.65	65.09	B	35,500	60,200	870	1,080	2,450
	0.219			24.65	65.09	C	40,000	70,000	980		2,850
	0.219			24.65	65.09	X42	42,100	60,200	1,460	1,460	2,450
	0.219			24.65	65.09	X46	46,400	63,100	1,610	1,610	2,570
	0.219			24.65	65.09	X52	52,200	66,700	1,810	1,810	2,720
	0.219			24.65	65.09	X56	56,600	71,100	1,960	1,960	2,900
	0.219			24.65	65.09	X60	60,200	75,400	2,080	2,080	3,070
	0.219			24.65	65.09	X65	65,300	77,600	2,260	2,260	3,160
	0.219			24.65	65.09	X70	70,300	82,700	2,430	2,430	3,370
	0.219			24.65	65.09	X80	80,500	90,600	2,790	2,790	3,690
	0.250	20		28.06	74.08	B	35,500	60,200	990	1,240	2,800
	0.250	20		28.06	74.08	C	40,000	70,000	1,120		3,260
	0.250	20		28.06	74.08	X42	42,100	60,200	1,660	1,660	2,800
	0.250	20		28.06	74.08	X46	46,400	63,100	1,830	1,830	2,930

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 10 OD 10.750 Seamless & ERW	0.250	20		28.06	74.08	X52	52,200	66,700	2,060	2,060	3,100
	0.250	20		28.06	74.08	X56	56,600	71,100	2,240	2,240	3,310
	0.250	20		28.06	74.08	X60	60,200	75,400	2,380	2,380	3,510
	0.250	20		28.06	74.08	X65	65,300	77,600	2,580	2,580	3,610
	0.250	20		28.06	74.08	X70	70,300	82,700	2,780	2,780	3,850
	0.250	20		28.06	74.08	X80	80,500	90,600	3,000	3,180	4,210
	0.279			31.23	82.45	B	35,500	60,200	1,110	1,380	3,120
	0.279			31.23	82.45	C	40,000	70,000	1,250		3,630
	0.279			31.23	82.45	X42	42,100	60,200	1,860	1,860	3,120
	0.279			31.23	82.45	X46	46,400	63,100	2,050	2,050	3,280
	0.279			31.23	82.45	X52	52,200	66,700	2,300	2,300	3,460
	0.279			31.23	82.45	X56	56,600	71,100	2,500	2,500	3,690
	0.279			31.23	82.45	X60	60,200	75,400	2,660	2,660	3,910
	0.279			31.23	82.45	X65	65,300	77,600	2,880	2,880	4,030
	0.279			31.23	82.45	X70	70,300	82,700	3,000	3,100	4,290
	0.279			31.23	82.45	X80	80,500	90,600	3,000	3,550	4,700
	0.307	30		34.27	90.48	B	35,500	60,200	1,220	1,520	3,440
	0.307	30		34.27	90.48	C	40,000	70,000	1,370		4,000
	0.307	30		34.27	90.48	X42	42,100	60,200	2,040	2,040	3,440
	0.307	30		34.27	90.48	X46	46,400	63,100	2,250	2,250	3,600
	0.307	30		34.27	90.48	X52	52,200	66,700	2,530	2,530	3,810
	0.307	30		34.27	90.48	X56	56,600	71,100	2,750	2,750	4,060
	0.307	30		34.27	90.48	X60	60,200	75,400	2,920	2,920	4,310
	0.307	30		34.27	90.48	X65	65,300	77,600	3,000	3,170	4,430
	0.307	30		34.27	90.48	X70	70,300	82,700	3,000	3,410	4,720
	0.307	30		34.27	90.48	X80	80,500	90,600	3,000	3,910	5,170
	0.344			38.27	101.02	B	35,500	60,200	1,360	1,700	3,850
	0.344			38.27	101.02	C	40,000	70,000	1,540		4,480
	0.344			38.27	101.02	X42	42,100	60,200	2,290	2,290	3,850
	0.344			38.27	101.02	X46	46,400	63,100	2,520	2,520	4,040
	0.344			38.27	101.02	X52	52,200	66,700	2,840	2,840	4,270
	0.344			38.27	101.02	X56	56,600	71,100	3,000	3,080	4,550
	0.344			38.27	101.02	X60	60,200	75,400	3,000	3,270	4,830
	0.344			38.27	101.02	X65	65,300	77,600	3,000	3,550	4,970
	0.344			38.27	101.02	X70	70,300	82,700	3,000	3,820	5,290
	0.344			38.27	101.02	X80	80,500	90,600	3,000	4,380	5,800
	0.365	40	STD	40.52	106.97	B	35,500	60,200	1,450	1,810	4,090
	0.365	40	STD	40.52	106.97	C	40,000	70,000	1,630		4,750
	0.365	40	STD	40.52	106.97	X42	42,100	60,200	2,430	2,430	4,090
	0.365	40	STD	40.52	106.97	X46	46,400	63,100	2,680	2,680	4,280
	0.365	40	STD	40.52	106.97	X52	52,200	66,700	3,000	3,010	4,530
	0.365	40	STD	40.52	106.97	X56	56,600	71,100	3,000	3,270	4,830
	0.365	40	STD	40.52	106.97	X60	60,200	75,400	3,000	3,470	5,120
	0.365	40	STD	40.52	106.97	X65	65,300	77,600	3,000	3,770	5,270
	0.365	40	STD	40.52	106.97	X70	70,300	82,700	3,000	4,060	5,620
	0.365	40	STD	40.52	106.97	X80	80,500	90,600	3,000	4,650	6,150
	0.438			48.28	127.47	B	35,500	60,200	1,740	2,170	4,910
	0.438			48.28	127.47	C	40,000	70,000	1,960		5,700
	0.438			48.28	127.47	X42	42,100	60,200	2,920	2,920	4,910
	0.438			48.28	127.47	X46	46,400	63,100	3,000	3,210	5,140
	0.438			48.28	127.47	X52	52,200	66,700	3,000	3,620	5,440
	0.438			48.28	127.47	X56	56,600	71,100	3,000	3,920	5,790
	0.438			48.28	127.47	X60	60,200	75,400	3,000	4,170	6,140
	0.438			48.28	127.47	X65	65,300	77,600	3,000	4,520	6,320
	0.438			48.28	127.47	X70	70,300	82,700	3,000	4,870	6,740
	0.438			48.28	127.47	X80	80,500	90,600	3,000	5,580	7,380
	0.500	60	XS	54.79	144.64	B	35,500	60,200	1,980	2,480	5,600
	0.500	60	XS	54.79	144.64	C	40,000	70,000	2,230		6,510
	0.500	60	XS	54.79	144.64	X42	42,100	60,200	3,000	3,330	5,600
	0.500	60	XS	54.79	144.64	X46	46,400	63,100	3,000	3,670	5,870
	0.500	60	XS	54.79	144.64	X52	52,200	66,700	3,000	4,130	6,200
	0.500	60	XS	54.79	144.64	X56	56,600	71,100	3,000	4,480	6,610
	0.500	60	XS	54.79	144.64	X60	60,200	75,400	3,000	4,760	7,010
	0.500	60	XS	54.79	144.64	X65	65,300	77,600	3,000	5,160	7,220
	0.500	60	XS	54.79	144.64	X70	70,300	82,700	3,000	5,560	7,690

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 10 OD 10.750 Seamless & ERW	0.500	60	XS	54.79	144.64	X80	80,500	90,600	3,000	6,370	8,430
	0.562			61.21	161.59	B	35,500	60,200	2,230	2,800	6,290
	0.562			61.21	161.59	C	40,000	70,000	2,510		7,320
	0.562			61.21	161.59	X42	42,100	60,200	3,000	3,740	6,290
	0.562			61.21	161.59	X46	46,400	63,100	3,000	4,120	6,600
	0.562			61.21	161.59	X52	52,200	66,700	3,000	4,640	6,970
	0.562			61.21	161.59	X56	56,600	71,100	3,000	5,030	7,430
	0.562			61.21	161.59	X60	60,200	75,400	3,000	5,350	7,880
	0.562			61.21	161.59	X65	65,300	77,600	3,000	5,800	8,110
	0.562			61.21	161.59	X70	70,300	82,700	3,000	6,250	8,650
	0.562			61.21	161.59	X80	80,500	90,600	3,000	7,150	9,470
	0.594	80		64.49	170.25	B	35,500	60,200	2,350	2,800	6,650
	0.594	80		64.49	170.25	C	40,000	70,000	2,650		7,740
	0.594	80		64.49	170.25	X42	42,100	60,200	3,000	3,950	6,650
	0.594	80		64.49	170.25	X46	46,400	63,100	3,000	4,360	6,970
	0.594	80		64.49	170.25	X52	52,200	66,700	3,000	4,900	7,370
	0.594	80		64.49	170.25	X56	56,600	71,100	3,000	5,320	7,860
	0.594	80		64.49	170.25	X60	60,200	75,400	3,000	5,650	8,330
	0.594	80		64.49	170.25	X65	65,300	77,600	3,000	6,130	8,580
	0.594	80		64.49	170.25	X70	70,300	82,700	3,000	6,600	9,140
	0.594	80		64.49	170.25	X80	80,500	90,600	3,000	7,260	10,010
	0.625			67.65	178.59	B	35,500	60,200	2,480	2,800	7,000
	0.625			67.65	178.59	C	40,000	70,000	2,800		8,140
	0.625			67.65	178.59	X42	42,100	60,200	3,000	4,160	7,000
	0.625			67.65	178.59	X46	46,400	63,100	3,000	4,590	7,340
	0.625			67.65	178.59	X52	52,200	66,700	3,000	5,160	7,760
	0.625			67.65	178.59	X56	56,600	71,100	3,000	5,590	8,270
	0.625			67.65	178.59	X60	60,200	75,400	3,000	5,950	8,770
	0.625			67.65	178.59	X65	65,300	77,600	3,000	6,450	9,020
	0.625			67.65	178.59	X70	70,300	82,700	3,000	6,950	9,620
	0.625			67.65	178.59	X80	80,500	90,600	3,000	7,260	10,530
	0.719	100		77.10	203.54	B	35,500	60,200	2,800	2,800	8,050
	0.719	100		77.10	203.54	C	40,000	70,000	2,800		9,360
	0.719	100		77.10	203.54	X42	42,100	60,200	3,000	4,790	8,050
	0.719	100		77.10	203.54	X46	46,400	63,100	3,000	5,280	8,440
	0.719	100		77.10	203.54	X52	52,200	66,700	3,000	5,940	8,920
	0.719	100		77.10	203.54	X56	56,600	71,100	3,000	6,440	9,510
	0.719	100		77.10	203.54	X60	60,200	75,400	3,000	6,840	10,090
	0.719	100		77.10	203.54	X65	65,300	77,600	3,000	7,260	10,380
	0.719	100		77.10	203.54	X70	70,300	82,700	3,000	7,260	11,060
	0.719	100		77.10	203.54	X80	80,500	90,600	3,000	7,260	12,120
	0.812			86.26	227.74	B	35,500	60,200	2,800	2,800	9,090
	0.812			86.26	227.74	C	40,000	70,000	2,800		10,570
	0.812			86.26	227.74	X42	42,100	60,200	3,000	5,410	9,090
	0.812			86.26	227.74	X46	46,400	63,100	3,000	5,960	9,530
	0.812			86.26	227.74	X52	52,200	66,700	3,000	6,700	10,080
	0.812			86.26	227.74	X56	56,600	71,100	3,000	7,260	10,740
	0.812			86.26	227.74	X60	60,200	75,400	3,000	7,260	11,390
	0.812			86.26	227.74	X65	65,300	77,600	3,000	7,260	11,720
	0.812			86.26	227.74	X70	70,300	82,700	3,000	7,260	12,490
	0.812			86.26	227.74	X80	80,500	90,600	3,000	7,260	13,690
	0.844	120		89.38	235.95	B	35,500	60,200	2,800	2,800	9,450
	0.844	120		89.38	235.95	C	40,000	70,000	2,800		10,990
	0.844	120		89.38	235.95	X42	42,100	60,200	3,000	5,620	9,450
	0.844	120		89.38	235.95	X46	46,400	63,100	3,000	6,190	9,910
	0.844	120		89.38	235.95	X52	52,200	66,700	3,000	6,970	10,470
	0.844	120		89.38	235.95	X56	56,600	71,100	3,000	7,260	11,160
	0.844	120		89.38	235.95	X60	60,200	75,400	3,000	7,260	11,840
	0.844	120		89.38	235.95	X65	65,300	77,600	3,000	7,260	12,190
	0.844	120		89.38	235.95	X70	70,300	82,700	3,000	7,260	12,990
	0.844	120		89.38	235.95	X80	80,500	90,600	3,000	7,260	14,230
	1.000	140	XXS	104.23	275.16	B	35,500	60,200	2,800	2,800	11,200
	1.000	140	XXS	104.23	275.16	C	40,000	70,000	2,800		13,020
	1.000	140	XXS	104.23	275.16	X42	42,100	60,200	3,000	6,660	11,200
	1.000	140	XXS	104.23	275.16	X46	46,400	63,100	3,000	7,260	11,740

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 10 OD 10.750 Seamless & ERW	1.000	140	XXS	104.23	275.16	X52	52,200	66,700	3,000	7,260	12,410
	1.000	140	XXS	104.23	275.16	X56	56,600	71,100	3,000	7,260	13,230
	1.000	140	XXS	104.23	275.16	X60	60,200	75,400	3,000	7,260	14,030
	1.000	140	XXS	104.23	275.16	X65	65,300	77,600	3,000	7,260	14,440
	1.000	140	XXS	104.23	275.16	X70	70,300	82,700	3,000	7,260	15,390
	1.000	140	XXS	104.23	275.16	X80	80,500	90,600	3,000	7,260	16,860
	1.125	160		115.75	305.59	B	35,500	60,200	2,800	2,800	12,600
	1.125	160		115.75	305.59	C	40,000	70,000	2,800		14,650
	1.125	160		115.75	305.59	X42	42,100	60,200	3,000	7,260	12,600
	1.125	160		115.75	305.59	X46	46,400	63,100	3,000	7,260	13,210
	1.125	160		115.75	305.59	X52	52,200	66,700	3,000	7,260	13,960
	1.125	160		115.75	305.59	X56	56,600	71,100	3,000	7,260	14,880
	1.125	160		115.75	305.59	X60	60,200	75,400	3,000	7,260	15,780
	1.125	160		115.75	305.59	X65	65,300	77,600	3,000	7,260	16,240
	1.125	160		115.75	305.59	X70	70,300	82,700	3,000	7,260	17,310
	1.125	160		115.75	305.59	X80	80,500	90,600	3,000	7,260	18,960
NPS 12 OD 12.750 Seamless & ERW	0.188			25.25	66.65	B	35,500	60,200	630	790	1,780
	0.188			25.25	66.65	C	40,000	70,000	710		2,060
	0.188			25.25	66.65	X42	42,100	60,200	1,060	1,060	1,780
	0.188			25.25	66.65	X46	46,400	63,100	1,160	1,160	1,860
	0.188			25.25	66.65	X52	52,200	66,700	1,310	1,310	1,970
	0.188			25.25	66.65	X56	56,600	71,100	1,420	1,420	2,100
	0.188			25.25	66.65	X60	60,200	75,400	1,510	1,510	2,220
	0.188			25.25	66.65	X65	65,300	77,600	1,640	1,640	2,290
	0.188			25.25	66.65	X70	70,300	82,700	1,760	1,760	2,440
	0.188			25.25	66.65	X80	80,500	90,600	2,020	2,020	2,670
	0.203			27.23	71.88	B	35,500	60,200	680	850	1,920
	0.203			27.23	71.88	C	40,000	70,000	760		2,230
	0.203			27.23	71.88	X42	42,100	60,200	1,140	1,140	1,920
	0.203			27.23	71.88	X46	46,400	63,100	1,260	1,260	2,010
	0.203			27.23	71.88	X52	52,200	66,700	1,410	1,410	2,120
	0.203			27.23	71.88	X56	56,600	71,100	1,530	1,530	2,260
	0.203			27.23	71.88	X60	60,200	75,400	1,630	1,630	2,400
	0.203			27.23	71.88	X65	65,300	77,600	1,770	1,770	2,470
	0.203			27.23	71.88	X70	70,300	82,700	1,900	1,900	2,630
	0.203			27.23	71.88	X80	80,500	90,600	2,180	2,180	2,880
	0.219			29.34	77.45	B	35,500	60,200	730	910	2,070
	0.219			29.34	77.45	C	40,000	70,000	820		2,400
	0.219			29.34	77.45	X42	42,100	60,200	1,230	1,230	2,070
	0.219			29.34	77.45	X46	46,400	63,100	1,350	1,350	2,170
	0.219			29.34	77.45	X52	52,200	66,700	1,520	1,520	2,290
	0.219			29.34	77.45	X56	56,600	71,100	1,650	1,650	2,440
	0.219			29.34	77.45	X60	60,200	75,400	1,760	1,760	2,590
	0.219			29.34	77.45	X65	65,300	77,600	1,910	1,910	2,670
	0.219			29.34	77.45	X70	70,300	82,700	2,050	2,050	2,840
	0.219			29.34	77.45	X80	80,500	90,600	2,350	2,350	3,110
	0.250	20		33.41	88.19	B	35,500	60,200	840	1,040	2,360
	0.250	20		33.41	88.19	C	40,000	70,000	940		2,750
	0.250	20		33.41	88.19	X42	42,100	60,200	1,400	1,400	2,360
	0.250	20		33.41	88.19	X46	46,400	63,100	1,550	1,550	2,470
	0.250	20		33.41	88.19	X52	52,200	66,700	1,740	1,740	2,620
	0.250	20		33.41	88.19	X56	56,600	71,100	1,890	1,890	2,790
	0.250	20		33.41	88.19	X60	60,200	75,400	2,010	2,010	2,960
	0.250	20		33.41	88.19	X65	65,300	77,600	2,180	2,180	3,040
	0.250	20		33.41	88.19	X70	70,300	82,700	2,340	2,340	3,240
	0.250	20		33.41	88.19	X80	80,500	90,600	2,680	2,680	3,550
	0.281			37.46	98.88	B	35,500	60,200	940	1,170	2,650
	0.281			37.46	98.88	C	40,000	70,000	1,060		3,090
	0.281			37.46	98.88	X42	42,100	60,200	1,580	1,580	2,650
	0.281			37.46	98.88	X46	46,400	63,100	1,740	1,740	2,780
	0.281			37.46	98.88	X52	52,200	66,700	1,960	1,960	2,940
	0.281			37.46	98.88	X56	56,600	71,100	2,120	2,120	3,130
	0.281			37.46	98.88	X60	60,200	75,400	2,260	2,260	3,320
	0.281			37.46	98.88	X65	65,300	77,600	2,450	2,450	3,420
	0.281			37.46	98.88	X70	70,300	82,700	2,630	2,630	3,650

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 12 OD 12.750 Seamless & ERW	0.281			37.46	98.88	X80	80,500	90,600	3,000	3,020	3,990
	0.312			41.48	109.52	B	35,500	60,200	1,040	1,300	2,950
	0.312			41.48	109.52	C	40,000	70,000	1,170		3,430
	0.312			41.48	109.52	X42	42,100	60,200	1,750	1,750	2,950
	0.312			41.48	109.52	X46	46,400	63,100	1,930	1,930	3,090
	0.312			41.48	109.52	X52	52,200	66,700	2,170	2,170	3,260
	0.312			41.48	109.52	X56	56,600	71,100	2,350	2,350	3,480
	0.312			41.48	109.52	X60	60,200	75,400	2,500	2,500	3,690
	0.312			41.48	109.52	X65	65,300	77,600	2,720	2,720	3,800
	0.312			41.48	109.52	X70	70,300	82,700	2,920	2,920	4,050
	0.312			41.48	109.52	X80	80,500	90,600	3,000	3,350	4,430
	0.330	30		43.81	115.67	B	35,500	60,200	1,100	1,380	3,120
	0.330	30		43.81	115.67	C	40,000	70,000	1,240		3,620
	0.330	30		43.81	115.67	X42	42,100	60,200	1,850	1,850	3,120
	0.330	30		43.81	115.67	X46	46,400	63,100	2,040	2,040	3,270
	0.330	30		43.81	115.67	X52	52,200	66,700	2,300	2,300	3,450
	0.330	30		43.81	115.67	X56	56,600	71,100	2,490	2,490	3,680
	0.330	30		43.81	115.67	X60	60,200	75,400	2,650	2,650	3,900
	0.330	30		43.81	115.67	X65	65,300	77,600	2,870	2,870	4,020
	0.330	30		43.81	115.67	X70	70,300	82,700	3,000	3,090	4,280
	0.330	30		43.81	115.67	X80	80,500	90,600	3,000	3,540	4,690
	0.344			45.62	120.44	B	35,500	60,200	1,150	1,440	3,250
	0.344			45.62	120.44	C	40,000	70,000	1,300		3,780
	0.344			45.62	120.44	X42	42,100	60,200	1,930	1,930	3,250
	0.344			45.62	120.44	X46	46,400	63,100	2,130	2,130	3,400
	0.344			45.62	120.44	X52	52,200	66,700	2,390	2,390	3,600
	0.344			45.62	120.44	X56	56,600	71,100	2,600	2,600	3,840
	0.344			45.62	120.44	X60	60,200	75,400	2,760	2,760	4,070
	0.344			45.62	120.44	X65	65,300	77,600	3,000	3,000	4,190
	0.344			45.62	120.44	X70	70,300	82,700	3,000	3,220	4,460
	0.344			45.62	120.44	X80	80,500	90,600	3,000	3,690	4,890
	0.375		STD	49.61	130.97	B	35,500	60,200	1,250	1,570	3,540
	0.375		STD	49.61	130.97	C	40,000	70,000	1,410		4,120
	0.375		STD	49.61	130.97	X42	42,100	60,200	2,110	2,110	3,540
	0.375		STD	49.61	130.97	X46	46,400	63,100	2,320	2,320	3,710
	0.375		STD	49.61	130.97	X52	52,200	66,700	2,610	2,610	3,920
	0.375		STD	49.61	130.97	X56	56,600	71,100	2,830	2,830	4,180
	0.375		STD	49.61	130.97	X60	60,200	75,400	3,000	3,010	4,440
	0.375		STD	49.61	130.97	X65	65,300	77,600	3,000	3,270	4,560
	0.375		STD	49.61	130.97	X70	70,300	82,700	3,000	3,520	4,860
	0.375		STD	49.61	130.97	X80	80,500	90,600	3,000	4,030	5,330
	0.406	40		53.57	141.44	B	35,500	60,200	1,360	1,700	3,830
	0.406	40		53.57	141.44	C	40,000	70,000	1,530		4,460
	0.406	40		53.57	141.44	X42	42,100	60,200	2,280	2,280	3,830
	0.406	40		53.57	141.44	X46	46,400	63,100	2,510	2,510	4,020
	0.406	40		53.57	141.44	X52	52,200	66,700	2,830	2,830	4,250
	0.406	40		53.57	141.44	X56	56,600	71,100	3,000	3,060	4,530
	0.406	40		53.57	141.44	X60	60,200	75,400	3,000	3,260	4,800
	0.406	40		53.57	141.44	X65	65,300	77,600	3,000	3,530	4,940
	0.406	40		53.57	141.44	X70	70,300	82,700	3,000	3,810	5,270
	0.406	40		53.57	141.44	X80	80,500	90,600	3,000	4,360	5,770
	0.438			57.65	152.19	B	35,500	60,200	1,460	1,830	4,140
	0.438			57.65	152.19	C	40,000	70,000	1,650		4,810
	0.438			57.65	152.19	X42	42,100	60,200	2,460	2,460	4,140
	0.438			57.65	152.19	X46	46,400	63,100	2,710	2,710	4,340
	0.438			57.65	152.19	X52	52,200	66,700	3,000	3,050	4,580
	0.438			57.65	152.19	X56	56,600	71,100	3,000	3,310	4,880
	0.438			57.65	152.19	X60	60,200	75,400	3,000	3,520	5,180
	0.438			57.65	152.19	X65	65,300	77,600	3,000	3,810	5,330
	0.438			57.65	152.19	X70	70,300	82,700	3,000	4,110	5,680
	0.438			57.65	152.19	X80	80,500	90,600	3,000	4,700	6,220
	0.500		XS	65.48	172.86	B	35,500	60,200	1,670	2,090	4,720
	0.500		XS	65.48	172.86	C	40,000	70,000	1,880		5,490
	0.500		XS	65.48	172.86	X42	42,100	60,200	2,810	2,810	4,720
	0.500		XS	65.48	172.86	X46	46,400	63,100	3,000	3,090	4,950

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 12 OD 12.750 Seamless & ERW	0.500		XS	65.48	172.86	X52	52,200	66,700	3,000	3,480	5,230
	0.500		XS	65.48	172.86	X56	56,600	71,100	3,000	3,770	5,580
	0.500		XS	65.48	172.86	X60	60,200	75,400	3,000	4,010	5,910
	0.500		XS	65.48	172.86	X65	65,300	77,600	3,000	4,350	6,090
	0.500		XS	65.48	172.86	X70	70,300	82,700	3,000	4,690	6,490
	0.500		XS	65.48	172.86	X80	80,500	90,600	3,000	5,370	7,110
	0.562	60		73.22	193.31	B	35,500	60,200	1,880	2,350	5,310
	0.562	60		73.22	193.31	C	40,000	70,000	2,120		6,170
	0.562	60		73.22	193.31	X42	42,100	60,200	3,000	3,150	5,310
	0.562	60		73.22	193.31	X46	46,400	63,100	3,000	3,480	5,560
	0.562	60		73.22	193.31	X52	52,200	66,700	3,000	3,910	5,880
	0.562	60		73.22	193.31	X56	56,600	71,100	3,000	4,240	6,270
	0.562	60		73.22	193.31	X60	60,200	75,400	3,000	4,510	6,650
	0.562	60		73.22	193.31	X65	65,300	77,600	3,000	4,890	6,840
	0.562	60		73.22	193.31	X70	70,300	82,700	3,000	5,270	7,290
	0.562	60		73.22	193.31	X80	80,500	90,600	3,000	6,030	7,990
	0.625			81.01	213.87	B	35,500	60,200	2,090	2,610	5,900
	0.625			81.01	213.87	C	40,000	70,000	2,350		6,860
	0.625			81.01	213.87	X42	42,100	60,200	3,000	3,510	5,900
	0.625			81.01	213.87	X46	46,400	63,100	3,000	3,870	6,190
	0.625			81.01	213.87	X52	52,200	66,700	3,000	4,350	6,540
	0.625			81.01	213.87	X56	56,600	71,100	3,000	4,720	6,970
	0.625			81.01	213.87	X60	60,200	75,400	3,000	5,020	7,390
	0.625			81.01	213.87	X65	65,300	77,600	3,000	5,440	7,610
	0.625			81.01	213.87	X70	70,300	82,700	3,000	5,860	8,110
	0.625			81.01	213.87	X80	80,500	90,600	3,000	6,710	8,880
	0.688	80		88.71	234.20	B	35,500	60,200	2,300	2,800	6,500
	0.688	80		88.71	234.20	C	40,000	70,000	2,590		7,550
	0.688	80		88.71	234.20	X42	42,100	60,200	3,000	3,860	6,500
	0.688	80		88.71	234.20	X46	46,400	63,100	3,000	4,260	6,810
	0.688	80		88.71	234.20	X52	52,200	66,700	3,000	4,790	7,200
	0.688	80		88.71	234.20	X56	56,600	71,100	3,000	5,190	7,670
	0.688	80		88.71	234.20	X60	60,200	75,400	3,000	5,520	8,140
	0.688	80		88.71	234.20	X65	65,300	77,600	3,000	5,990	8,370
	0.688	80		88.71	234.20	X70	70,300	82,700	3,000	6,450	8,930
	0.688	80		88.71	234.20	X80	80,500	90,600	3,000	7,260	9,780
	0.750			96.21	253.99	B	35,500	60,200	2,510	2,800	7,080
	0.750			96.21	253.99	C	40,000	70,000	2,800		8,240
	0.750			96.21	253.99	X42	42,100	60,200	3,000	4,210	7,080
	0.750			96.21	253.99	X46	46,400	63,100	3,000	4,640	7,420
	0.750			96.21	253.99	X52	52,200	66,700	3,000	5,220	7,850
	0.750			96.21	253.99	X56	56,600	71,100	3,000	5,660	8,360
	0.750			96.21	253.99	X60	60,200	75,400	3,000	6,020	8,870
	0.750			96.21	253.99	X65	65,300	77,600	3,000	6,530	9,130
	0.750			96.21	253.99	X70	70,300	82,700	3,000	7,030	9,730
	0.750			96.21	253.99	X80	80,500	90,600	3,000	7,260	10,660
	0.844	100		107.42	283.59	B	35,500	60,200	2,800	2,800	7,970
	0.844	100		107.42	283.59	C	40,000	70,000	2,800		9,270
	0.844	100		107.42	283.59	X42	42,100	60,200	3,000	4,740	7,970
	0.844	100		107.42	283.59	X46	46,400	63,100	3,000	5,220	8,350
	0.844	100		107.42	283.59	X52	52,200	66,700	3,000	5,870	8,830
	0.844	100		107.42	283.59	X56	56,600	71,100	3,000	6,370	9,410
	0.844	100		107.42	283.59	X60	60,200	75,400	3,000	6,770	9,980
	0.844	100		107.42	283.59	X65	65,300	77,600	3,000	7,260	10,270
	0.844	100		107.42	283.59	X70	70,300	82,700	3,000	7,260	10,950
	0.844	100		107.42	283.59	X80	80,500	90,600	3,000	7,260	11,990
	1.000	120	XXS	125.61	331.60	B	35,500	60,200	2,800	2,800	9,440
	1.000	120	XXS	125.61	331.60	C	40,000	70,000	2,800		10,980
	1.000	120	XXS	125.61	331.60	X42	42,100	60,200	3,000	5,610	9,440
	1.000	120	XXS	125.61	331.60	X46	46,400	63,100	3,000	6,190	9,900
	1.000	120	XXS	125.61	331.60	X52	52,200	66,700	3,000	6,960	10,460
	1.000	120	XXS	125.61	331.60	X56	56,600	71,100	3,000	7,260	11,150
	1.000	120	XXS	125.61	331.60	X60	60,200	75,400	3,000	7,260	11,830
	1.000	120	XXS	125.61	331.60	X65	65,300	77,600	3,000	7,260	12,170
	1.000	120	XXS	125.61	331.60	X70	70,300	82,700	3,000	7,260	12,970

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 12 OD 12.750 Seamless & ERW	1.000	120	XXS	125.61	331.60	X80	80,500	90,600	3,000	7,260	14,210
	1.125	140		139.81	369.09	B	35,500	60,200	2,800	2,800	10,620
	1.125	140		139.81	369.09	C	40,000	70,000	2,800		12,350
	1.125	140		139.81	369.09	X42	42,100	60,200	3,000	6,320	10,620
	1.125	140		139.81	369.09	X46	46,400	63,100	3,000	6,960	11,140
	1.125	140		139.81	369.09	X52	52,200	66,700	3,000	7,260	11,770
	1.125	140		139.81	369.09	X56	56,600	71,100	3,000	7,260	12,550
	1.125	140		139.81	369.09	X60	60,200	75,400	3,000	7,260	13,310
	1.125	140		139.81	369.09	X65	65,300	77,600	3,000	7,260	13,690
	1.125	140		139.81	369.09	X70	70,300	82,700	3,000	7,260	14,590
	1.125	140		139.81	369.09	X80	80,500	90,600	3,000	7,260	15,990
	1.312	160		160.42	423.51	B	35,500	60,200	2,800	2,800	12,390
	1.312	160		160.42	423.51	C	40,000	70,000	2,800		14,410
	1.312	160		160.42	423.51	X42	42,100	60,200	3,000	7,260	12,390
	1.312	160		160.42	423.51	X46	46,400	63,100	3,000	7,260	12,990
	1.312	160		160.42	423.51	X52	52,200	66,700	3,000	7,260	13,730
	1.312	160		160.42	423.51	X56	56,600	71,100	3,000	7,260	14,630
	1.312	160		160.42	423.51	X60	60,200	75,400	3,000	7,260	15,520
	1.312	160		160.42	423.51	X65	65,300	77,600	3,000	7,260	15,970
	1.312	160		160.42	423.51	X70	70,300	82,700	3,000	7,260	17,020
	1.312	160		160.42	423.51	X80	80,500	90,600	3,000	7,260	18,650
NPS 14 OD 14.000 Seamless & ERW	0.219			32.26	85.17	B	35,500	60,200	670	830	1,880
	0.219			32.26	85.17	C	40,000	70,000	750		2,190
	0.219			32.26	85.17	X42	42,100	60,200	1,120	1,120	1,880
	0.219			32.26	85.17	X46	46,400	63,100	1,230	1,230	1,970
	0.219			32.26	85.17	X52	52,200	66,700	1,390	1,390	2,090
	0.219			32.26	85.17	X56	56,600	71,100	1,510	1,510	2,220
	0.219			32.26	85.17	X60	60,200	75,400	1,600	1,600	2,360
	0.219			32.26	85.17	X65	65,300	77,600	1,740	1,740	2,430
	0.219			32.26	85.17	X70	70,300	82,700	1,870	1,870	2,590
	0.219			32.26	85.17	X80	80,500	90,600	2,140	2,140	2,830
	0.250			36.75	97.01	B	35,500	60,200	760	950	2,150
	0.250			36.75	97.01	C	40,000	70,000	860		2,500
	0.250			36.75	97.01	X42	42,100	60,200	1,280	1,280	2,150
	0.250			36.75	97.01	X46	46,400	63,100	1,410	1,410	2,250
	0.250			36.75	97.01	X52	52,200	66,700	1,580	1,580	2,380
	0.250			36.75	97.01	X56	56,600	71,100	1,720	1,720	2,540
	0.250			36.75	97.01	X60	60,200	75,400	1,830	1,830	2,690
	0.250			36.75	97.01	X65	65,300	77,600	1,980	1,980	2,770
	0.250			36.75	97.01	X70	70,300	82,700	2,130	2,130	2,950
	0.250			36.75	97.01	X80	80,500	90,600	2,440	2,440	3,240
	0.281			41.21	108.80	B	35,500	60,200	860	1,070	2,420
	0.281			41.21	108.80	C	40,000	70,000	960		2,810
	0.281			41.21	108.80	X42	42,100	60,200	1,440	1,440	2,420
	0.281			41.21	108.80	X46	46,400	63,100	1,580	1,580	2,530
	0.281			41.21	108.80	X52	52,200	66,700	1,780	1,780	2,680
	0.281			41.21	108.80	X56	56,600	71,100	1,930	1,930	2,850
	0.281			41.21	108.80	X60	60,200	75,400	2,050	2,050	3,030
	0.281			41.21	108.80	X65	65,300	77,600	2,230	2,230	3,120
	0.281			41.21	108.80	X70	70,300	82,700	2,400	2,400	3,320
	0.281			41.21	108.80	X80	80,500	90,600	2,750	2,750	3,640
	0.312	20		45.65	120.52	B	35,500	60,200	950	1,190	2,680
	0.312	20		45.65	120.52	C	40,000	70,000	1,070		3,120
	0.312	20		45.65	120.52	X42	42,100	60,200	1,590	1,590	2,680
	0.312	20		45.65	120.52	X46	46,400	63,100	1,760	1,760	2,810
	0.312	20		45.65	120.52	X52	52,200	66,700	1,980	1,980	2,970
	0.312	20		45.65	120.52	X56	56,600	71,100	2,140	2,140	3,170
	0.312	20		45.65	120.52	X60	60,200	75,400	2,280	2,280	3,360
	0.312	20		45.65	120.52	X65	65,300	77,600	2,470	2,470	3,460
	0.312	20		45.65	120.52	X70	70,300	82,700	2,660	2,660	3,690
	0.312	20		45.65	120.52	X80	80,500	90,600	3,000	3,050	4,040
	0.344			50.22	132.58	B	35,500	60,200	1,050	1,310	2,960
	0.344			50.22	132.58	C	40,000	70,000	1,180		3,440
	0.344			50.22	132.58	X42	42,100	60,200	1,760	1,760	2,960
	0.344			50.22	132.58	X46	46,400	63,100	1,940	1,940	3,100

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 14 OD 14.000 Seamless & ERW	0.344			50.22	132.58	X52	52,200	66,700	2,180	2,180	3,280
	0.344			50.22	132.58	X56	56,600	71,100	2,360	2,360	3,490
	0.344			50.22	132.58	X60	60,200	75,400	2,510	2,510	3,710
	0.344			50.22	132.58	X65	65,300	77,600	2,730	2,730	3,810
	0.344			50.22	132.58	X70	70,300	82,700	2,940	2,940	4,060
	0.344			50.22	132.58	X80	80,500	90,600	3,000	3,360	4,450
	0.375	30	STD	54.62	144.19	B	35,500	60,200	1,140	1,430	3,230
	0.375	30	STD	54.62	144.19	C	40,000	70,000	1,290		3,750
	0.375	30	STD	54.62	144.19	X42	42,100	60,200	1,920	1,920	3,230
	0.375	30	STD	54.62	144.19	X46	46,400	63,100	2,110	2,110	3,380
	0.375	30	STD	54.62	144.19	X52	52,200	66,700	2,380	2,380	3,570
	0.375	30	STD	54.62	144.19	X56	56,600	71,100	2,580	2,580	3,810
	0.375	30	STD	54.62	144.19	X60	60,200	75,400	2,740	2,740	4,040
	0.375	30	STD	54.62	144.19	X65	65,300	77,600	2,970	2,970	4,160
	0.375	30	STD	54.62	144.19	X70	70,300	82,700	3,000	3,200	4,430
	0.375	30	STD	54.62	144.19	X80	80,500	90,600	3,000	3,670	4,850
	0.406			59.00	155.76	B	35,500	60,200	1,240	1,540	3,490
	0.406			59.00	155.76	C	40,000	70,000	1,390		4,060
	0.406			59.00	155.76	X42	42,100	60,200	2,080	2,080	3,490
	0.406			59.00	155.76	X46	46,400	63,100	2,290	2,290	3,660
	0.406			59.00	155.76	X52	52,200	66,700	2,570	2,570	3,870
	0.406			59.00	155.76	X56	56,600	71,100	2,790	2,790	4,120
	0.406			59.00	155.76	X60	60,200	75,400	2,970	2,970	4,370
	0.406			59.00	155.76	X65	65,300	77,600	3,000	3,220	4,500
	0.406			59.00	155.76	X70	70,300	82,700	3,000	3,470	4,800
	0.406			59.00	155.76	X80	80,500	90,600	3,000	3,970	5,250
	0.438	40		63.50	167.64	B	35,500	60,200	1,330	1,670	3,770
	0.438	40		63.50	167.64	C	40,000	70,000	1,500		4,380
	0.438	40		63.50	167.64	X42	42,100	60,200	2,240	2,240	3,770
	0.438	40		63.50	167.64	X46	46,400	63,100	2,470	2,470	3,950
	0.438	40		63.50	167.64	X52	52,200	66,700	2,780	2,780	4,170
	0.438	40		63.50	167.64	X56	56,600	71,100	3,000	3,010	4,450
	0.438	40		63.50	167.64	X60	60,200	75,400	3,000	3,200	4,720
	0.438	40		63.50	167.64	X65	65,300	77,600	3,000	3,470	4,860
	0.438	40		63.50	167.64	X70	70,300	82,700	3,000	3,740	5,170
	0.438	40		63.50	167.64	X80	80,500	90,600	3,000	4,280	5,670
	0.469			67.84	179.10	B	35,500	60,200	1,430	1,780	4,030
	0.469			67.84	179.10	C	40,000	70,000	1,610		4,690
	0.469			67.84	179.10	X42	42,100	60,200	2,400	2,400	4,030
	0.469			67.84	179.10	X46	46,400	63,100	2,640	2,640	4,230
	0.469			67.84	179.10	X52	52,200	66,700	2,970	2,970	4,470
	0.469			67.84	179.10	X56	56,600	71,100	3,000	3,220	4,760
	0.469			67.84	179.10	X60	60,200	75,400	3,000	3,430	5,050
	0.469			67.84	179.10	X65	65,300	77,600	3,000	3,720	5,200
	0.469			67.84	179.10	X70	70,300	82,700	3,000	4,000	5,540
	0.469			67.84	179.10	X80	80,500	90,600	3,000	4,580	6,070
	0.500		XS	72.16	190.50	B	35,500	60,200	1,520	1,900	4,300
	0.500		XS	72.16	190.50	C	40,000	70,000	1,710		5,000
	0.500		XS	72.16	190.50	X42	42,100	60,200	2,560	2,560	4,300
	0.500		XS	72.16	190.50	X46	46,400	63,100	2,820	2,820	4,510
	0.500		XS	72.16	190.50	X52	52,200	66,700	3,000	3,170	4,760
	0.500		XS	72.16	190.50	X56	56,600	71,100	3,000	3,440	5,080
	0.500		XS	72.16	190.50	X60	60,200	75,400	3,000	3,660	5,390
	0.500		XS	72.16	190.50	X65	65,300	77,600	3,000	3,960	5,540
	0.500		XS	72.16	190.50	X70	70,300	82,700	3,000	4,270	5,910
	0.500		XS	72.16	190.50	X80	80,500	90,600	3,000	4,890	6,470
	0.562			80.73	213.13	B	35,500	60,200	1,710	2,140	4,830
	0.562			80.73	213.13	C	40,000	70,000	1,930		5,620
	0.562			80.73	213.13	X42	42,100	60,200	2,870	2,870	4,830
	0.562			80.73	213.13	X46	46,400	63,100	3,000	3,170	5,070
	0.562			80.73	213.13	X52	52,200	66,700	3,000	3,560	5,360
	0.562			80.73	213.13	X56	56,600	71,100	3,000	3,860	5,710
	0.562			80.73	213.13	X60	60,200	75,400	3,000	4,110	6,050
	0.562			80.73	213.13	X65	65,300	77,600	3,000	4,460	6,230
	0.562			80.73	213.13	X70	70,300	82,700	3,000	4,800	6,640

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 14 OD 14.000 Seamless & ERW	0.562			80.73	213.13	X80	80,500	90,600	3,000	5,490	7,270
	0.594	60		85.13	224.73	B	35,500	60,200	1,810	2,260	5,110
	0.594	60		85.13	224.73	C	40,000	70,000	2,040		5,940
	0.594	60		85.13	224.73	X42	42,100	60,200	3,000	3,040	5,110
	0.594	60		85.13	224.73	X46	46,400	63,100	3,000	3,350	5,350
	0.594	60		85.13	224.73	X52	52,200	66,700	3,000	3,770	5,660
	0.594	60		85.13	224.73	X56	56,600	71,100	3,000	4,080	6,030
	0.594	60		85.13	224.73	X60	60,200	75,400	3,000	4,340	6,400
	0.594	60		85.13	224.73	X65	65,300	77,600	3,000	4,710	6,580
	0.594	60		85.13	224.73	X70	70,300	82,700	3,000	5,070	7,020
	0.594	60		85.13	224.73	X80	80,500	90,600	3,000	5,810	7,690
	0.625			89.36	235.91	B	35,500	60,200	1,900	2,380	5,380
	0.625			89.36	235.91	C	40,000	70,000	2,140		6,250
	0.625			89.36	235.91	X42	42,100	60,200	3,000	3,200	5,380
	0.625			89.36	235.91	X46	46,400	63,100	3,000	3,520	5,630
	0.625			89.36	235.91	X52	52,200	66,700	3,000	3,960	5,960
	0.625			89.36	235.91	X56	56,600	71,100	3,000	4,300	6,350
	0.625			89.36	235.91	X60	60,200	75,400	3,000	4,570	6,730
	0.625			89.36	235.91	X65	65,300	77,600	3,000	4,960	6,930
	0.625			89.36	235.91	X70	70,300	82,700	3,000	5,340	7,380
	0.625			89.36	235.91	X80	80,500	90,600	3,000	6,110	8,090
	0.688			97.91	258.47	B	35,500	60,200	2,090	2,620	5,920
	0.688			97.91	258.47	C	40,000	70,000	2,360		6,880
	0.688			97.91	258.47	X42	42,100	60,200	3,000	3,520	5,920
	0.688			97.91	258.47	X46	46,400	63,100	3,000	3,880	6,200
	0.688			97.91	258.47	X52	52,200	66,700	3,000	4,360	6,560
	0.688			97.91	258.47	X56	56,600	71,100	3,000	4,730	6,990
	0.688			97.91	258.47	X60	60,200	75,400	3,000	5,030	7,410
	0.688			97.91	258.47	X65	65,300	77,600	3,000	5,460	7,630
	0.688			97.91	258.47	X70	70,300	82,700	3,000	5,870	8,130
	0.688			97.91	258.47	X80	80,500	90,600	3,000	6,730	8,900
	0.750	80		106.23	280.45	B	35,500	60,200	2,280	2,800	6,450
	0.750	80		106.23	280.45	C	40,000	70,000	2,570		7,500
	0.750	80		106.23	280.45	X42	42,100	60,200	3,000	3,830	6,450
	0.750	80		106.23	280.45	X46	46,400	63,100	3,000	4,230	6,760
	0.750	80		106.23	280.45	X52	52,200	66,700	3,000	4,750	7,150
	0.750	80		106.23	280.45	X56	56,600	71,100	3,000	5,150	7,620
	0.750	80		106.23	280.45	X60	60,200	75,400	3,000	5,480	8,080
	0.750	80		106.23	280.45	X65	65,300	77,600	3,000	5,950	8,310
	0.750	80		106.23	280.45	X70	70,300	82,700	3,000	6,400	8,860
	0.750	80		106.23	280.45	X80	80,500	90,600	3,000	7,260	9,710
	0.812			114.48	302.22	B	35,500	60,200	2,470	2,800	6,980
	0.812			114.48	302.22	C	40,000	70,000	2,800		8,120
	0.812			114.48	302.22	X42	42,100	60,200	3,000	4,150	6,980
	0.812			114.48	302.22	X46	46,400	63,100	3,000	4,580	7,320
	0.812			114.48	302.22	X52	52,200	66,700	3,000	5,150	7,740
	0.812			114.48	302.22	X56	56,600	71,100	3,000	5,580	8,250
	0.812			114.48	302.22	X60	60,200	75,400	3,000	5,940	8,750
	0.812			114.48	302.22	X65	65,300	77,600	3,000	6,440	9,000
	0.812			114.48	302.22	X70	70,300	82,700	3,000	6,930	9,590
	0.812			114.48	302.22	X80	80,500	90,600	3,000	7,260	10,510
	0.938	100		130.98	345.78	B	35,500	60,200	2,800	2,800	8,070
	0.938	100		130.98	345.78	C	40,000	70,000	2,800		9,380
	0.938	100		130.98	345.78	X42	42,100	60,200	3,000	4,800	8,070
	0.938	100		130.98	345.78	X46	46,400	63,100	3,000	5,280	8,460
	0.938	100		130.98	345.78	X52	52,200	66,700	3,000	5,950	8,940
	0.938	100		130.98	345.78	X56	56,600	71,100	3,000	6,450	9,530
	0.938	100		130.98	345.78	X60	60,200	75,400	3,000	6,860	10,100
	0.938	100		130.98	345.78	X65	65,300	77,600	3,000	7,260	10,400
	0.938	100		130.98	345.78	X70	70,300	82,700	3,000	7,260	11,080
	0.938	100		130.98	345.78	X80	80,500	90,600	3,000	7,260	12,140
	1.094	120		150.93	398.47	B	35,500	60,200	2,800	2,800	9,410
	1.094	120		150.93	398.47	C	40,000	70,000	2,800		10,940
	1.094	120		150.93	398.47	X42	42,100	60,200	3,000	5,590	9,410
	1.094	120		150.93	398.47	X46	46,400	63,100	3,000	6,160	9,860

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 14 OD 14.000 Seamless & ERW	1.094	120		150.93	398.47	X52	52,200	66,700	3,000	6,930	10,420
	1.094	120		150.93	398.47	X56	56,600	71,100	3,000	7,260	11,110
	1.094	120		150.93	398.47	X60	60,200	75,400	3,000	7,260	11,780
	1.094	120		150.93	398.47	X65	65,300	77,600	3,000	7,260	12,130
	1.094	120		150.93	398.47	X70	70,300	82,700	3,000	7,260	12,920
	1.094	120		150.93	398.47	X80	80,500	90,600	3,000	7,260	14,160
	1.250	140		170.37	449.78	B	35,500	60,200	2,800	2,800	10,750
	1.250	140		170.37	449.78	C	40,000	70,000	2,800		12,500
	1.250	140		170.37	449.78	X42	42,100	60,200	3,000	6,390	10,750
	1.250	140		170.37	449.78	X46	46,400	63,100	3,000	7,040	11,270
	1.250	140		170.37	449.78	X52	52,200	66,700	3,000	7,260	11,910
	1.250	140		170.37	449.78	X56	56,600	71,100	3,000	7,260	12,700
	1.250	140		170.37	449.78	X60	60,200	75,400	3,000	7,260	13,460
	1.250	140		170.37	449.78	X65	65,300	77,600	3,000	7,260	13,860
	1.250	140		170.37	449.78	X70	70,300	82,700	3,000	7,260	14,770
	1.250	140		170.37	449.78	X80	80,500	90,600	3,000	7,260	16,180
	1.406	160		189.29	499.72	B	35,500	60,200	2,800	2,800	12,090
	1.406	160		189.29	499.72	C	40,000	70,000	2,800		14,060
	1.406	160		189.29	499.72	X42	42,100	60,200	3,000	7,190	12,090
	1.406	160		189.29	499.72	X46	46,400	63,100	3,000	7,260	12,670
	1.406	160		189.29	499.72	X52	52,200	66,700	3,000	7,260	13,400
	1.406	160		189.29	499.72	X56	56,600	71,100	3,000	7,260	14,280
	1.406	160		189.29	499.72	X60	60,200	75,400	3,000	7,260	15,140
	1.406	160		189.29	499.72	X65	65,300	77,600	3,000	7,260	15,590
	1.406	160		189.29	499.72	X70	70,300	82,700	3,000	7,260	16,610
	1.406	160		189.29	499.72	X80	80,500	90,600	3,000	7,260	18,200
NPS 16 OD 16.000 Seamless & ERW	0.219			36.95	97.53	B	35,500	60,200	580	730	1,650
	0.219			36.95	97.53	C	40,000	70,000	660		1,920
	0.219			36.95	97.53	X42	42,100	60,200	980	980	1,650
	0.219			36.95	97.53	X46	46,400	63,100	1,080	1,080	1,730
	0.219			36.95	97.53	X52	52,200	66,700	1,210	1,210	1,830
	0.219			36.95	97.53	X56	56,600	71,100	1,320	1,320	1,950
	0.219			36.95	97.53	X60	60,200	75,400	1,400	1,400	2,060
	0.219			36.95	97.53	X65	65,300	77,600	1,520	1,520	2,120
	0.219			36.95	97.53	X70	70,300	82,700	1,640	1,640	2,260
	0.219			36.95	97.53	X80	80,500	90,600	1,870	1,870	2,480
	0.250			42.09	111.12	B	35,500	60,200	670	830	1,880
	0.250			42.09	111.12	C	40,000	70,000	750		2,190
	0.250			42.09	111.12	X42	42,100	60,200	1,120	1,120	1,880
	0.250			42.09	111.12	X46	46,400	63,100	1,230	1,230	1,970
	0.250			42.09	111.12	X52	52,200	66,700	1,390	1,390	2,080
	0.250			42.09	111.12	X56	56,600	71,100	1,500	1,500	2,220
	0.250			42.09	111.12	X60	60,200	75,400	1,600	1,600	2,360
	0.250			42.09	111.12	X65	65,300	77,600	1,730	1,730	2,430
	0.250			42.09	111.12	X70	70,300	82,700	1,870	1,870	2,580
	0.250			42.09	111.12	X80	80,500	90,600	2,140	2,140	2,830
	0.281			47.22	124.66	B	35,500	60,200	750	940	2,110
	0.281			47.22	124.66	C	40,000	70,000	840		2,460
	0.281			47.22	124.66	X42	42,100	60,200	1,260	1,260	2,110
	0.281			47.22	124.66	X46	46,400	63,100	1,390	1,390	2,220
	0.281			47.22	124.66	X52	52,200	66,700	1,560	1,560	2,340
	0.281			47.22	124.66	X56	56,600	71,100	1,690	1,690	2,500
	0.281			47.22	124.66	X60	60,200	75,400	1,800	1,800	2,650
	0.281			47.22	124.66	X65	65,300	77,600	1,950	1,950	2,730
	0.281			47.22	124.66	X70	70,300	82,700	2,100	2,100	2,900
	0.281			47.22	124.66	X80	80,500	90,600	2,400	2,400	3,180
	0.312	20		52.32	138.14	B	35,500	60,200	830	1,040	2,350
	0.312	20		52.32	138.14	C	40,000	70,000	940		2,730
	0.312	20		52.32	138.14	X42	42,100	60,200	1,400	1,400	2,350
	0.312	20		52.32	138.14	X46	46,400	63,100	1,540	1,540	2,460
	0.312	20		52.32	138.14	X52	52,200	66,700	1,730	1,730	2,600
	0.312	20		52.32	138.14	X56	56,600	71,100	1,880	1,880	2,770
	0.312	20		52.32	138.14	X60	60,200	75,400	2,000	2,000	2,940
	0.312	20		52.32	138.14	X65	65,300	77,600	2,160	2,160	3,030
	0.312	20		52.32	138.14	X70	70,300	82,700	2,330	2,330	3,230

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 16 OD 16.000 Seamless & ERW	0.312	20		52.32	138.14	X80	80,500	90,600	2,670	2,670	3,530
	0.344			57.57	151.99	B	35,500	60,200	920	1,140	2,590
	0.344			57.57	151.99	C	40,000	70,000	1,030		3,010
	0.344			57.57	151.99	X42	42,100	60,200	1,540	1,540	2,590
	0.344			57.57	151.99	X46	46,400	63,100	1,700	1,700	2,710
	0.344			57.57	151.99	X52	52,200	66,700	1,910	1,910	2,870
	0.344			57.57	151.99	X56	56,600	71,100	2,070	2,070	3,060
	0.344			57.57	151.99	X60	60,200	75,400	2,200	2,200	3,240
	0.344			57.57	151.99	X65	65,300	77,600	2,390	2,390	3,340
	0.344			57.57	151.99	X70	70,300	82,700	2,570	2,570	3,560
	0.344			57.57	151.99	X80	80,500	90,600	2,940	2,940	3,900
	0.375	30	STD	62.64	165.36	B	35,500	60,200	1,000	1,250	2,820
	0.375	30	STD	62.64	165.36	C	40,000	70,000	1,130		3,280
	0.375	30	STD	62.64	165.36	X42	42,100	60,200	1,680	1,680	2,820
	0.375	30	STD	62.64	165.36	X46	46,400	63,100	1,850	1,850	2,960
	0.375	30	STD	62.64	165.36	X52	52,200	66,700	2,080	2,080	3,130
	0.375	30	STD	62.64	165.36	X56	56,600	71,100	2,260	2,260	3,330
	0.375	30	STD	62.64	165.36	X60	60,200	75,400	2,400	2,400	3,530
	0.375	30	STD	62.64	165.36	X65	65,300	77,600	2,600	2,600	3,640
	0.375	30	STD	62.64	165.36	X70	70,300	82,700	2,800	2,800	3,880
	0.375	30	STD	62.64	165.36	X80	80,500	90,600	3,000	3,210	4,250
	0.406			67.68	178.68	B	35,500	60,200	1,080	1,350	3,060
	0.406			67.68	178.68	C	40,000	70,000	1,220		3,550
	0.406			67.68	178.68	X42	42,100	60,200	1,820	1,820	3,060
	0.406			67.68	178.68	X46	46,400	63,100	2,000	2,000	3,200
	0.406			67.68	178.68	X52	52,200	66,700	2,250	2,250	3,390
	0.406			67.68	178.68	X56	56,600	71,100	2,440	2,440	3,610
	0.406			67.68	178.68	X60	60,200	75,400	2,600	2,600	3,830
	0.406			67.68	178.68	X65	65,300	77,600	2,820	2,820	3,940
	0.406			67.68	178.68	X70	70,300	82,700	3,000	3,030	4,200
	0.406			67.68	178.68	X80	80,500	90,600	3,000	3,470	4,600
	0.438			72.86	192.36	B	35,500	60,200	1,170	1,460	3,300
	0.438			72.86	192.36	C	40,000	70,000	1,310		3,830
	0.438			72.86	192.36	X42	42,100	60,200	1,960	1,960	3,300
	0.438			72.86	192.36	X46	46,400	63,100	2,160	2,160	3,450
	0.438			72.86	192.36	X52	52,200	66,700	2,430	2,430	3,650
	0.438			72.86	192.36	X56	56,600	71,100	2,630	2,630	3,890
	0.438			72.86	192.36	X60	60,200	75,400	2,800	2,800	4,130
	0.438			72.86	192.36	X65	65,300	77,600	3,000	3,040	4,250
	0.438			72.86	192.36	X70	70,300	82,700	3,000	3,270	4,530
	0.438			72.86	192.36	X80	80,500	90,600	3,000	3,750	4,960
	0.469			77.87	205.57	B	35,500	60,200	1,250	1,560	3,530
	0.469			77.87	205.57	C	40,000	70,000	1,410		4,100
	0.469			77.87	205.57	X42	42,100	60,200	2,100	2,100	3,530
	0.469			77.87	205.57	X46	46,400	63,100	2,310	2,310	3,700
	0.469			77.87	205.57	X52	52,200	66,700	2,600	2,600	3,910
	0.469			77.87	205.57	X56	56,600	71,100	2,820	2,820	4,170
	0.469			77.87	205.57	X60	60,200	75,400	3,000	3,000	4,420
	0.469			77.87	205.57	X65	65,300	77,600	3,000	3,250	4,550
	0.469			77.87	205.57	X70	70,300	82,700	3,000	3,500	4,850
	0.469			77.87	205.57	X80	80,500	90,600	3,000	4,010	5,310
	0.500	40	XS	82.85	218.72	B	35,500	60,200	1,330	1,660	3,760
	0.500	40	XS	82.85	218.72	C	40,000	70,000	1,500		4,380
	0.500	40	XS	82.85	218.72	X42	42,100	60,200	2,240	2,240	3,760
	0.500	40	XS	82.85	218.72	X46	46,400	63,100	2,470	2,470	3,940
	0.500	40	XS	82.85	218.72	X52	52,200	66,700	2,770	2,770	4,170
	0.500	40	XS	82.85	218.72	X56	56,600	71,100	3,000	3,010	4,440
	0.500	40	XS	82.85	218.72	X60	60,200	75,400	3,000	3,200	4,710
	0.500	40	XS	82.85	218.72	X65	65,300	77,600	3,000	3,470	4,850
	0.500	40	XS	82.85	218.72	X70	70,300	82,700	3,000	3,730	5,170
	0.500	40	XS	82.85	218.72	X80	80,500	90,600	3,000	4,280	5,660
	0.562			92.75	244.86	B	35,500	60,200	1,500	1,870	4,230
	0.562			92.75	244.86	C	40,000	70,000	1,690		4,920
	0.562			92.75	244.86	X42	42,100	60,200	2,510	2,510	4,230
	0.562			92.75	244.86	X46	46,400	63,100	2,770	2,770	4,430

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 16 OD 16.000 Seamless & ERW	0.562			92.75	244.86	X52	52,200	66,700	3,000	3,120	4,690
	0.562			92.75	244.86	X56	56,600	71,100	3,000	3,380	4,990
	0.562			92.75	244.86	X60	60,200	75,400	3,000	3,590	5,300
	0.562			92.75	244.86	X65	65,300	77,600	3,000	3,900	5,450
	0.562			92.75	244.86	X70	70,300	82,700	3,000	4,200	5,810
	0.562			92.75	244.86	X80	80,500	90,600	3,000	4,810	6,360
	0.625			102.72	271.19	B	35,500	60,200	1,660	2,080	4,700
	0.625			102.72	271.19	C	40,000	70,000	1,880		5,470
	0.625			102.72	271.19	X42	42,100	60,200	2,800	2,800	4,700
	0.625			102.72	271.19	X46	46,400	63,100	3,000	3,080	4,930
	0.625			102.72	271.19	X52	52,200	66,700	3,000	3,470	5,210
	0.625			102.72	271.19	X56	56,600	71,100	3,000	3,760	5,550
	0.625			102.72	271.19	X60	60,200	75,400	3,000	4,000	5,890
	0.625			102.72	271.19	X65	65,300	77,600	3,000	4,340	6,060
	0.625			102.72	271.19	X70	70,300	82,700	3,000	4,670	6,460
	0.625			102.72	271.19	X80	80,500	90,600	3,000	5,350	7,080
	0.656	60		107.60	284.07	B	35,500	60,200	1,750	2,180	4,940
	0.656	60		107.60	284.07	C	40,000	70,000	1,970		5,740
	0.656	60		107.60	284.07	X42	42,100	60,200	2,930	2,930	4,940
	0.656	60		107.60	284.07	X46	46,400	63,100	3,000	3,230	5,170
	0.656	60		107.60	284.07	X52	52,200	66,700	3,000	3,640	5,470
	0.656	60		107.60	284.07	X56	56,600	71,100	3,000	3,950	5,830
	0.656	60		107.60	284.07	X60	60,200	75,400	3,000	4,200	6,180
	0.656	60		107.60	284.07	X65	65,300	77,600	3,000	4,550	6,360
	0.656	60		107.60	284.07	X70	70,300	82,700	3,000	4,900	6,780
	0.656	60		107.60	284.07	X80	80,500	90,600	3,000	5,610	7,430
	0.688			112.62	297.30	B	35,500	60,200	1,830	2,290	5,180
	0.688			112.62	297.30	C	40,000	70,000	2,060		6,020
	0.688			112.62	297.30	X42	42,100	60,200	3,000	3,080	5,180
	0.688			112.62	297.30	X46	46,400	63,100	3,000	3,390	5,430
	0.688			112.62	297.30	X52	52,200	66,700	3,000	3,820	5,740
	0.688			112.62	297.30	X56	56,600	71,100	3,000	4,140	6,110
	0.688			112.62	297.30	X60	60,200	75,400	3,000	4,400	6,480
	0.688			112.62	297.30	X65	65,300	77,600	3,000	4,770	6,670
	0.688			112.62	297.30	X70	70,300	82,700	3,000	5,140	7,110
	0.688			112.62	297.30	X80	80,500	90,600	3,000	5,880	7,790
	0.750			122.27	322.78	B	35,500	60,200	2,000	2,500	5,640
	0.750			122.27	322.78	C	40,000	70,000	2,250		6,560
	0.750			122.27	322.78	X42	42,100	60,200	3,000	3,350	5,640
	0.750			122.27	322.78	X46	46,400	63,100	3,000	3,700	5,920
	0.750			122.27	322.78	X52	52,200	66,700	3,000	4,160	6,250
	0.750			122.27	322.78	X56	56,600	71,100	3,000	4,510	6,670
	0.750			122.27	322.78	X60	60,200	75,400	3,000	4,800	7,070
	0.750			122.27	322.78	X65	65,300	77,600	3,000	5,200	7,280
	0.750			122.27	322.78	X70	70,300	82,700	3,000	5,600	7,750
	0.750			122.27	322.78	X80	80,500	90,600	3,000	6,410	8,490
	0.812			131.84	348.05	B	35,500	60,200	2,160	2,700	6,110
	0.812			131.84	348.05	C	40,000	70,000	2,440		7,110
	0.812			131.84	348.05	X42	42,100	60,200	3,000	3,630	6,110
	0.812			131.84	348.05	X46	46,400	63,100	3,000	4,000	6,400
	0.812			131.84	348.05	X52	52,200	66,700	3,000	4,500	6,770
	0.812			131.84	348.05	X56	56,600	71,100	3,000	4,880	7,220
	0.812			131.84	348.05	X60	60,200	75,400	3,000	5,190	7,650
	0.812			131.84	348.05	X65	65,300	77,600	3,000	5,630	7,880
	0.812			131.84	348.05	X70	70,300	82,700	3,000	6,070	8,390
	0.812			131.84	348.05	X80	80,500	90,600	3,000	6,950	9,200
	0.844	80		136.74	361.00	B	35,500	60,200	2,250	2,800	6,350
	0.844	80		136.74	361.00	C	40,000	70,000	2,530		7,390
	0.844	80		136.74	361.00	X42	42,100	60,200	3,000	3,780	6,350
	0.844	80		136.74	361.00	X46	46,400	63,100	3,000	4,160	6,660
	0.844	80		136.74	361.00	X52	52,200	66,700	3,000	4,680	7,040
	0.844	80		136.74	361.00	X56	56,600	71,100	3,000	5,080	7,500
	0.844	80		136.74	361.00	X60	60,200	75,400	3,000	5,400	7,950
	0.844	80		136.74	361.00	X65	65,300	77,600	3,000	5,860	8,190
	0.844	80		136.74	361.00	X70	70,300	82,700	3,000	6,300	8,720

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 16 OD 16.000 Seamless & ERW	0.844	80		136.74	361.00	X80	80,500	90,600	3,000	7,220	9,560
	1.031	100		164.98	435.55	B	35,500	60,200	2,750	2,800	7,760
	1.031	100		164.98	435.55	C	40,000	70,000	2,800		9,020
	1.031	100		164.98	435.55	X42	42,100	60,200	3,000	4,610	7,760
	1.031	100		164.98	435.55	X46	46,400	63,100	3,000	5,080	8,130
	1.031	100		164.98	435.55	X52	52,200	66,700	3,000	5,720	8,600
	1.031	100		164.98	435.55	X56	56,600	71,100	3,000	6,200	9,160
	1.031	100		164.98	435.55	X60	60,200	75,400	3,000	6,590	9,720
	1.031	100		164.98	435.55	X65	65,300	77,600	3,000	7,150	10,000
	1.031	100		164.98	435.55	X70	70,300	82,700	3,000	7,260	10,660
	1.031	100		164.98	435.55	X80	80,500	90,600	3,000	7,260	11,680
	1.219	120		192.61	508.50	B	35,500	60,200	2,800	2,800	9,170
	1.219	120		192.61	508.50	C	40,000	70,000	2,800		10,670
	1.219	120		192.61	508.50	X42	42,100	60,200	3,000	5,450	9,170
	1.219	120		192.61	508.50	X46	46,400	63,100	3,000	6,010	9,610
	1.219	120		192.61	508.50	X52	52,200	66,700	3,000	6,760	10,160
	1.219	120		192.61	508.50	X56	56,600	71,100	3,000	7,260	10,830
	1.219	120		192.61	508.50	X60	60,200	75,400	3,000	7,260	11,490
	1.219	120		192.61	508.50	X65	65,300	77,600	3,000	7,260	11,820
	1.219	120		192.61	508.50	X70	70,300	82,700	3,000	7,260	12,600
	1.219	120		192.61	508.50	X80	80,500	90,600	3,000	7,260	13,810
	1.250			197.10	520.34	B	35,500	60,200	2,800	2,800	9,410
	1.250			197.10	520.34	C	40,000	70,000	2,800		10,940
	1.250			197.10	520.34	X42	42,100	60,200	3,000	5,590	9,410
	1.250			197.10	520.34	X46	46,400	63,100	3,000	6,160	9,860
	1.250			197.10	520.34	X52	52,200	66,700	3,000	6,930	10,420
	1.250			197.10	520.34	X56	56,600	71,100	3,000	7,260	11,110
	1.250			197.10	520.34	X60	60,200	75,400	3,000	7,260	11,780
	1.250			197.10	520.34	X65	65,300	77,600	3,000	7,260	12,130
	1.250			197.10	520.34	X70	70,300	82,700	3,000	7,260	12,920
	1.250			197.10	520.34	X80	80,500	90,600	3,000	7,260	14,160
	1.438	140		223.85	590.96	B	35,500	60,200	2,800	2,800	10,820
	1.438	140		223.85	590.96	C	40,000	70,000	2,800		12,580
	1.438	140		223.85	590.96	X42	42,100	60,200	3,000	6,430	10,820
	1.438	140		223.85	590.96	X46	46,400	63,100	3,000	7,090	11,340
	1.438	140		223.85	590.96	X52	52,200	66,700	3,000	7,260	11,990
	1.438	140		223.85	590.96	X56	56,600	71,100	3,000	7,260	12,780
	1.438	140		223.85	590.96	X60	60,200	75,400	3,000	7,260	13,550
	1.438	140		223.85	590.96	X65	65,300	77,600	3,000	7,260	13,950
	1.438	140		223.85	590.96	X70	70,300	82,700	3,000	7,260	14,870
	1.438	140		223.85	590.96	X80	80,500	90,600	3,000	7,260	16,290
	1.594	160		245.48	648.06	B	35,500	60,200	2,800	2,800	11,990
	1.594	160		245.48	648.06	C	40,000	70,000	2,800		13,950
	1.594	160		245.48	648.06	X42	42,100	60,200	3,000	7,130	11,990
	1.594	160		245.48	648.06	X46	46,400	63,100	3,000	7,260	12,570
	1.594	160		245.48	648.06	X52	52,200	66,700	3,000	7,260	13,290
	1.594	160		245.48	648.06	X56	56,600	71,100	3,000	7,260	14,170
	1.594	160		245.48	648.06	X60	60,200	75,400	3,000	7,260	15,020
	1.594	160		245.48	648.06	X65	65,300	77,600	3,000	7,260	15,460
	1.594	160		245.48	648.06	X70	70,300	82,700	3,000	7,260	16,480
	1.594	160		245.48	648.06	X80	80,500	90,600	3,000	7,260	18,050
NPS 18 OD 18.000 Seamless & ERW	0.250			47.44	125.23	B	35,500	60,200	590	740	1,670
	0.250			47.44	125.23	C	40,000	70,000	670		1,940
	0.250			47.44	125.23	X42	42,100	60,200	990	990	1,670
	0.250			47.44	125.23	X46	46,400	63,100	1,100	1,100	1,750
	0.250			47.44	125.23	X52	52,200	66,700	1,230	1,230	1,850
	0.250			47.44	125.23	X56	56,600	71,100	1,340	1,340	1,980
	0.250			47.44	125.23	X60	60,200	75,400	1,420	1,420	2,090
	0.250			47.44	125.23	X65	65,300	77,600	1,540	1,540	2,160
	0.250			47.44	125.23	X70	70,300	82,700	1,660	1,660	2,300
	0.250			47.44	125.23	X80	80,500	90,600	1,900	1,900	2,520
	0.281			53.23	140.52	B	35,500	60,200	670	830	1,880
	0.281			53.23	140.52	C	40,000	70,000	750		2,190
	0.281			53.23	140.52	X42	42,100	60,200	1,120	1,120	1,880
	0.281			53.23	140.52	X46	46,400	63,100	1,230	1,230	1,970

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 18 OD 18.000 Seamless & ERW	0.281			53.23	140.52	X52	52,200	66,700	1,390	1,390	2,080
	0.281			53.23	140.52	X56	56,600	71,100	1,500	1,500	2,220
	0.281			53.23	140.52	X60	60,200	75,400	1,600	1,600	2,350
	0.281			53.23	140.52	X65	65,300	77,600	1,730	1,730	2,420
	0.281			53.23	140.52	X70	70,300	82,700	1,870	1,870	2,580
	0.281			53.23	140.52	X80	80,500	90,600	2,140	2,140	2,830
	0.312	20		58.99	155.75	B	35,500	60,200	740	920	2,090
	0.312	20		58.99	155.75	C	40,000	70,000	830		2,430
	0.312	20		58.99	155.75	X42	42,100	60,200	1,240	1,240	2,090
	0.312	20		58.99	155.75	X46	46,400	63,100	1,370	1,370	2,190
	0.312	20		58.99	155.75	X52	52,200	66,700	1,540	1,540	2,310
	0.312	20		58.99	155.75	X56	56,600	71,100	1,670	1,670	2,460
	0.312	20		58.99	155.75	X60	60,200	75,400	1,770	1,770	2,610
	0.312	20		58.99	155.75	X65	65,300	77,600	1,920	1,920	2,690
	0.312	20		58.99	155.75	X70	70,300	82,700	2,070	2,070	2,870
	0.312	20		58.99	155.75	X80	80,500	90,600	2,370	2,370	3,140
	0.344			64.93	171.41	B	35,500	60,200	810	1,020	2,300
	0.344			64.93	171.41	C	40,000	70,000	920		2,680
	0.344			64.93	171.41	X42	42,100	60,200	1,370	1,370	2,300
	0.344			64.93	171.41	X46	46,400	63,100	1,510	1,510	2,410
	0.344			64.93	171.41	X52	52,200	66,700	1,700	1,700	2,550
	0.344			64.93	171.41	X56	56,600	71,100	1,840	1,840	2,720
	0.344			64.93	171.41	X60	60,200	75,400	1,960	1,960	2,880
	0.344			64.93	171.41	X65	65,300	77,600	2,120	2,120	2,970
	0.344			64.93	171.41	X70	70,300	82,700	2,280	2,280	3,160
	0.344			64.93	171.41	X80	80,500	90,600	2,620	2,620	3,460
	0.375		STD	70.65	186.53	B	35,500	60,200	890	1,110	2,510
	0.375		STD	70.65	186.53	C	40,000	70,000	1,000		2,920
	0.375		STD	70.65	186.53	X42	42,100	60,200	1,490	1,490	2,510
	0.375		STD	70.65	186.53	X46	46,400	63,100	1,640	1,640	2,630
	0.375		STD	70.65	186.53	X52	52,200	66,700	1,850	1,850	2,780
	0.375		STD	70.65	186.53	X56	56,600	71,100	2,000	2,000	2,960
	0.375		STD	70.65	186.53	X60	60,200	75,400	2,130	2,130	3,140
	0.375		STD	70.65	186.53	X65	65,300	77,600	2,310	2,310	3,230
	0.375		STD	70.65	186.53	X70	70,300	82,700	2,490	2,490	3,450
	0.375		STD	70.65	186.53	X80	80,500	90,600	2,850	2,850	3,780
	0.406			76.36	201.59	B	35,500	60,200	960	1,200	2,720
	0.406			76.36	201.59	C	40,000	70,000	1,080		3,160
	0.406			76.36	201.59	X42	42,100	60,200	1,610	1,610	2,720
	0.406			76.36	201.59	X46	46,400	63,100	1,780	1,780	2,850
	0.406			76.36	201.59	X52	52,200	66,700	2,000	2,000	3,010
	0.406			76.36	201.59	X56	56,600	71,100	2,170	2,170	3,210
	0.406			76.36	201.59	X60	60,200	75,400	2,310	2,310	3,400
	0.406			76.36	201.59	X65	65,300	77,600	2,500	2,500	3,500
	0.406			76.36	201.59	X70	70,300	82,700	2,700	2,700	3,730
	0.406			76.36	201.59	X80	80,500	90,600	3,000	3,090	4,090
	0.438	30		82.23	217.08	B	35,500	60,200	1,040	1,300	2,930
	0.438	30		82.23	217.08	C	40,000	70,000	1,170		3,410
	0.438	30		82.23	217.08	X42	42,100	60,200	1,740	1,740	2,930
	0.438	30		82.23	217.08	X46	46,400	63,100	1,920	1,920	3,070
	0.438	30		82.23	217.08	X52	52,200	66,700	2,160	2,160	3,250
	0.438	30		82.23	217.08	X56	56,600	71,100	2,340	2,340	3,460
	0.438	30		82.23	217.08	X60	60,200	75,400	2,490	2,490	3,670
	0.438	30		82.23	217.08	X65	65,300	77,600	2,700	2,700	3,780
	0.438	30		82.23	217.08	X70	70,300	82,700	2,910	2,910	4,020
	0.438	30		82.23	217.08	X80	80,500	90,600	3,000	3,330	4,410
	0.469			87.89	232.04	B	35,500	60,200	1,110	1,390	3,140
	0.469			87.89	232.04	C	40,000	70,000	1,250		3,650
	0.469			87.89	232.04	X42	42,100	60,200	1,860	1,860	3,140
	0.469			87.89	232.04	X46	46,400	63,100	2,060	2,060	3,290
	0.469			87.89	232.04	X52	52,200	66,700	2,310	2,310	3,480
	0.469			87.89	232.04	X56	56,600	71,100	2,510	2,510	3,710
	0.469			87.89	232.04	X60	60,200	75,400	2,670	2,670	3,930
	0.469			87.89	232.04	X65	65,300	77,600	2,890	2,890	4,040
	0.469			87.89	232.04	X70	70,300	82,700	3,000	3,110	4,310

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 18 OD 18.000 Seamless & ERW	0.469			87.89	232.04	X80	80,500	90,600	3,000	3,570	4,720
	0.500		XS	93.54	246.94	B	35,500	60,200	1,180	1,480	3,340
	0.500		XS	93.54	246.94	C	40,000	70,000	1,330		3,890
	0.500		XS	93.54	246.94	X42	42,100	60,200	1,990	1,990	3,340
	0.500		XS	93.54	246.94	X46	46,400	63,100	2,190	2,190	3,510
	0.500		XS	93.54	246.94	X52	52,200	66,700	2,470	2,470	3,710
	0.500		XS	93.54	246.94	X56	56,600	71,100	2,670	2,670	3,950
	0.500		XS	93.54	246.94	X60	60,200	75,400	2,840	2,840	4,190
	0.500		XS	93.54	246.94	X65	65,300	77,600	3,000	3,080	4,310
	0.500		XS	93.54	246.94	X70	70,300	82,700	3,000	3,320	4,590
	0.500		XS	93.54	246.94	X80	80,500	90,600	3,000	3,630	5,030
	0.562	40		104.76	276.58	B	35,500	60,200	1,330	1,660	3,760
	0.562	40		104.76	276.58	C	40,000	70,000	1,500		4,370
	0.562	40		104.76	276.58	X42	42,100	60,200	2,230	2,230	3,760
	0.562	40		104.76	276.58	X46	46,400	63,100	2,460	2,460	3,940
	0.562	40		104.76	276.58	X52	52,200	66,700	2,770	2,770	4,170
	0.562	40		104.76	276.58	X56	56,600	71,100	3,000	3,000	4,440
	0.562	40		104.76	276.58	X60	60,200	75,400	3,000	3,200	4,710
	0.562	40		104.76	276.58	X65	65,300	77,600	3,000	3,470	4,850
	0.562	40		104.76	276.58	X70	70,300	82,700	3,000	3,630	5,160
	0.562	40		104.76	276.58	X80	80,500	90,600	3,000	3,630	5,660
	0.625			116.09	306.47	B	35,500	60,200	1,480	1,850	4,180
	0.625			116.09	306.47	C	40,000	70,000	1,670		4,860
	0.625			116.09	306.47	X42	42,100	60,200	2,490	2,490	4,180
	0.625			116.09	306.47	X46	46,400	63,100	2,740	2,740	4,380
	0.625			116.09	306.47	X52	52,200	66,700	3,000	3,080	4,630
	0.625			116.09	306.47	X56	56,600	71,100	3,000	3,340	4,940
	0.625			116.09	306.47	X60	60,200	75,400	3,000	3,550	5,240
	0.625			116.09	306.47	X65	65,300	77,600	3,000	3,630	5,390
	0.625			116.09	306.47	X70	70,300	82,700	3,000	3,630	5,740
	0.625			116.09	306.47	X80	80,500	90,600	3,000	3,630	6,290
	0.688			127.32	336.14	B	35,500	60,200	1,630	2,040	4,600
	0.688			127.32	336.14	C	40,000	70,000	1,830		5,350
	0.688			127.32	336.14	X42	42,100	60,200	2,740	2,740	4,600
	0.688			127.32	336.14	X46	46,400	63,100	3,000	3,010	4,820
	0.688			127.32	336.14	X52	52,200	66,700	3,000	3,390	5,100
	0.688			127.32	336.14	X56	56,600	71,100	3,000	3,630	5,440
	0.688			127.32	336.14	X60	60,200	75,400	3,000	3,630	5,760
	0.688			127.32	336.14	X65	65,300	77,600	3,000	3,630	5,930
	0.688			127.32	336.14	X70	70,300	82,700	3,000	3,630	6,320
	0.688			127.32	336.14	X80	80,500	90,600	3,000	3,630	6,930
	0.750	60		138.30	365.12	B	35,500	60,200	1,780	2,220	5,020
	0.750	60		138.30	365.12	C	40,000	70,000	2,000		5,830
	0.750	60		138.30	365.12	X42	42,100	60,200	3,000	2,980	5,020
	0.750	60		138.30	365.12	X46	46,400	63,100	3,000	3,290	5,260
	0.750	60		138.30	365.12	X52	52,200	66,700	3,000	3,630	5,560
	0.750	60		138.30	365.12	X56	56,600	71,100	3,000	3,630	5,930
	0.750	60		138.30	365.12	X60	60,200	75,400	3,000	3,630	6,280
	0.750	60		138.30	365.12	X65	65,300	77,600	3,000	3,630	6,470
	0.750	60		138.30	365.12	X70	70,300	82,700	3,000	3,630	6,890
	0.750	60		138.30	365.12	X80	80,500	90,600	3,000	3,630	7,550
	0.812			149.20	393.88	B	35,500	60,200	1,920	2,400	5,430
	0.812			149.20	393.88	C	40,000	70,000	2,170		6,320
	0.812			149.20	393.88	X42	42,100	60,200	3,000	3,230	5,430
	0.812			149.20	393.88	X46	46,400	63,100	3,000	3,560	5,690
	0.812			149.20	393.88	X52	52,200	66,700	3,000	3,630	6,020
	0.812			149.20	393.88	X56	56,600	71,100	3,000	3,630	6,410
	0.812			149.20	393.88	X60	60,200	75,400	3,000	3,630	6,800
	0.812			149.20	393.88	X65	65,300	77,600	3,000	3,630	7,000
	0.812			149.20	393.88	X70	70,300	82,700	3,000	3,630	7,460
	0.812			149.20	393.88	X80	80,500	90,600	3,000	3,630	8,170
	0.938	80		171.08	451.66	B	35,500	60,200	2,220	2,800	6,270
	0.938	80		171.08	451.66	C	40,000	70,000	2,500		7,300
	0.938	80		171.08	451.66	X42	42,100	60,200	3,000	3,630	6,270
	0.938	80		171.08	451.66	X46	46,400	63,100	3,000	3,630	6,580

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 18 OD 18.000 Seamless & ERW	0.938	80		171.08	451.66	X52	52,200	66,700	3,000	3,630	6,950
	0.938	80		171.08	451.66	X56	56,600	71,100	3,000	3,630	7,410
	0.938	80		171.08	451.66	X60	60,200	75,400	3,000	3,630	7,860
	0.938	80		171.08	451.66	X65	65,300	77,600	3,000	3,630	8,090
	0.938	80		171.08	451.66	X70	70,300	82,700	3,000	3,630	8,620
	0.938	80		171.08	451.66	X80	80,500	90,600	3,000	3,630	9,440
	1.000			181.73	479.77	B	35,500	60,200	2,370	2,800	6,690
	1.000			181.73	479.77	C	40,000	70,000	2,670		7,780
	1.000			181.73	479.77	X42	42,100	60,200	3,000	3,630	6,690
	1.000			181.73	479.77	X46	46,400	63,100	3,000	3,630	7,010
	1.000			181.73	479.77	X52	52,200	66,700	3,000	3,630	7,410
	1.000			181.73	479.77	X56	56,600	71,100	3,000	3,630	7,900
	1.000			181.73	479.77	X60	60,200	75,400	3,000	3,630	8,380
	1.000			181.73	479.77	X65	65,300	77,600	3,000	3,630	8,620
	1.000			181.73	479.77	X70	70,300	82,700	3,000	3,630	9,190
	1.000			181.73	479.77	X80	80,500	90,600	3,000	3,630	10,070
	1.156	100		208.15	549.52	B	35,500	60,200	2,740	2,800	7,730
	1.156	100		208.15	549.52	C	40,000	70,000	2,800		8,990
	1.156	100		208.15	549.52	X42	42,100	60,200	3,000	3,630	7,730
	1.156	100		208.15	549.52	X46	46,400	63,100	3,000	3,630	8,100
	1.156	100		208.15	549.52	X52	52,200	66,700	3,000	3,630	8,570
	1.156	100		208.15	549.52	X56	56,600	71,100	3,000	3,630	9,130
	1.156	100		208.15	549.52	X60	60,200	75,400	3,000	3,630	9,680
	1.156	100		208.15	549.52	X65	65,300	77,600	3,000	3,630	9,970
	1.156	100		208.15	549.52	X70	70,300	82,700	3,000	3,630	10,620
	1.156	100		208.15	549.52	X80	80,500	90,600	3,000	3,630	11,640
	1.375	120		244.37	645.13	B	35,500	60,200	2,800	2,800	9,200
	1.375	120		244.37	645.13	C	40,000	70,000	2,800		10,690
	1.375	120		244.37	645.13	X42	42,100	60,200	3,000	3,630	9,200
	1.375	120		244.37	645.13	X46	46,400	63,100	3,000	3,630	9,640
	1.375	120		244.37	645.13	X52	52,200	66,700	3,000	3,630	10,190
	1.375	120		244.37	645.13	X56	56,600	71,100	3,000	3,630	10,860
	1.375	120		244.37	645.13	X60	60,200	75,400	3,000	3,630	11,520
	1.375	120		244.37	645.13	X65	65,300	77,600	3,000	3,630	11,860
	1.375	120		244.37	645.13	X70	70,300	82,700	3,000	3,630	12,630
	1.375	120		244.37	645.13	X80	80,500	90,600	3,000	3,630	13,840
	1.562	140		274.48	724.62	B	35,500	60,200	2,800	2,800	10,450
	1.562	140		274.48	724.62	C	40,000	70,000	2,800		12,150
	1.562	140		274.48	724.62	X42	42,100	60,200	3,000	3,630	10,450
	1.562	140		274.48	724.62	X46	46,400	63,100	3,000	3,630	10,950
	1.562	140		274.48	724.62	X52	52,200	66,700	3,000	3,630	11,580
	1.562	140		274.48	724.62	X56	56,600	71,100	3,000	3,630	12,340
	1.562	140		274.48	724.62	X60	60,200	75,400	3,000	3,630	13,090
	1.562	140		274.48	724.62	X65	65,300	77,600	3,000	3,630	13,470
	1.562	140		274.48	724.62	X70	70,300	82,700	3,000	3,630	14,350
	1.562	140		274.48	724.62	X80	80,500	90,600	3,000	3,630	15,720
NPS 20 OD 20.000 Seamless & ERW	0.250			52.78	139.34	B	35,500	60,200	530	670	1,510
	0.250			52.78	139.34	C	40,000	70,000	600		1,750
	0.250			52.78	139.34	X42	42,100	60,200	950	950	1,510
	0.250			52.78	139.34	X46	46,400	63,100	1,040	1,040	1,580
	0.250			52.78	139.34	X52	52,200	66,700	1,170	1,170	1,670
	0.250			52.78	139.34	X56	56,600	71,100	1,270	1,270	1,780
	0.250			52.78	139.34	X60	60,200	75,400	1,350	1,350	1,890
	0.250			52.78	139.34	X65	65,300	77,600	1,470	1,470	1,940
	0.250			52.78	139.34	X70	70,300	82,700	1,580	1,580	2,070
	0.250			52.78	139.34	X80	80,500	90,600	1,810	1,810	2,270
	0.281			59.23	156.38	B	35,500	60,200	600	750	1,690
	0.281			59.23	156.38	C	40,000	70,000	670		1,970
	0.281			59.23	156.38	X42	42,100	60,200	1,060	1,060	1,690
	0.281			59.23	156.38	X46	46,400	63,100	1,170	1,170	1,770
	0.281			59.23	156.38	X52	52,200	66,700	1,320	1,320	1,870
	0.281			59.23	156.38	X56	56,600	71,100	1,430	1,430	2,000
	0.281			59.23	156.38	X60	60,200	75,400	1,520	1,520	2,120
	0.281			59.23	156.38	X65	65,300	77,600	1,650	1,650	2,180
	0.281			59.23	156.38	X70	70,300	82,700	1,780	1,780	2,320

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 20 OD 20.000 Seamless & ERW	0.281			59.23	156.38	X80	80,500	90,600	2,040	2,040	2,550
	0.312			65.66	173.36	B	35,500	60,200	660	830	1,880
	0.312			65.66	173.36	C	40,000	70,000	750		2,180
	0.312			65.66	173.36	X42	42,100	60,200	1,180	1,180	1,880
	0.312			65.66	173.36	X46	46,400	63,100	1,300	1,300	1,970
	0.312			65.66	173.36	X52	52,200	66,700	1,470	1,470	2,080
	0.312			65.66	173.36	X56	56,600	71,100	1,590	1,590	2,220
	0.312			65.66	173.36	X60	60,200	75,400	1,690	1,690	2,350
	0.312			65.66	173.36	X65	65,300	77,600	1,830	1,830	2,420
	0.312			65.66	173.36	X70	70,300	82,700	1,970	1,970	2,580
	0.312			65.66	173.36	X80	80,500	90,600	2,260	2,260	2,830
	0.344			72.28	190.82	B	35,500	60,200	730	920	2,070
	0.344			72.28	190.82	C	40,000	70,000	830		2,410
	0.344			72.28	190.82	X42	42,100	60,200	1,300	1,300	2,070
	0.344			72.28	190.82	X46	46,400	63,100	1,440	1,440	2,170
	0.344			72.28	190.82	X52	52,200	66,700	1,620	1,620	2,290
	0.344			72.28	190.82	X56	56,600	71,100	1,750	1,750	2,450
	0.344			72.28	190.82	X60	60,200	75,400	1,860	1,860	2,590
	0.344			72.28	190.82	X65	65,300	77,600	2,020	2,020	2,670
	0.344			72.28	190.82	X70	70,300	82,700	2,180	2,180	2,840
	0.344			72.28	190.82	X80	80,500	90,600	2,490	2,490	3,120
	0.375	20	STD	78.67	207.69	B	35,500	60,200	800	1,000	2,260
	0.375	20	STD	78.67	207.69	C	40,000	70,000	900		2,630
	0.375	20	STD	78.67	207.69	X42	42,100	60,200	1,420	1,420	2,260
	0.375	20	STD	78.67	207.69	X46	46,400	63,100	1,570	1,570	2,370
	0.375	20	STD	78.67	207.69	X52	52,200	66,700	1,760	1,760	2,500
	0.375	20	STD	78.67	207.69	X56	56,600	71,100	1,910	1,910	2,670
	0.375	20	STD	78.67	207.69	X60	60,200	75,400	2,030	2,030	2,830
	0.375	20	STD	78.67	207.69	X65	65,300	77,600	2,200	2,200	2,910
	0.375	20	STD	78.67	207.69	X70	70,300	82,700	2,370	2,370	3,100
	0.375	20	STD	78.67	207.69	X80	80,500	90,600	2,720	2,720	3,400
	0.406			85.04	224.51	B	35,500	60,200	860	1,080	2,440
	0.406			85.04	224.51	C	40,000	70,000	970		2,840
	0.406			85.04	224.51	X42	42,100	60,200	1,540	1,540	2,440
	0.406			85.04	224.51	X46	46,400	63,100	1,700	1,700	2,560
	0.406			85.04	224.51	X52	52,200	66,700	1,910	1,910	2,710
	0.406			85.04	224.51	X56	56,600	71,100	2,070	2,070	2,890
	0.406			85.04	224.51	X60	60,200	75,400	2,200	2,200	3,060
	0.406			85.04	224.51	X65	65,300	77,600	2,390	2,390	3,150
	0.406			85.04	224.51	X70	70,300	82,700	2,570	2,570	3,360
	0.406			85.04	224.51	X80	80,500	90,600	2,940	2,940	3,680
	0.438			91.59	241.81	B	35,500	60,200	930	1,170	2,640
	0.438			91.59	241.81	C	40,000	70,000	1,050		3,070
	0.438			91.59	241.81	X42	42,100	60,200	1,660	1,660	2,640
	0.438			91.59	241.81	X46	46,400	63,100	1,830	1,830	2,760
	0.438			91.59	241.81	X52	52,200	66,700	2,060	2,060	2,920
	0.438			91.59	241.81	X56	56,600	71,100	2,230	2,230	3,110
	0.438			91.59	241.81	X60	60,200	75,400	2,370	2,370	3,300
	0.438			91.59	241.81	X65	65,300	77,600	2,570	2,570	3,400
	0.438			91.59	241.81	X70	70,300	82,700	2,770	2,770	3,620
	0.438			91.59	241.81	X80	80,500	90,600	3,000	3,170	3,970
	0.469			97.92	258.51	B	35,500	60,200	1,000	1,250	2,820
	0.469			97.92	258.51	C	40,000	70,000	1,130		3,280
	0.469			97.92	258.51	X42	42,100	60,200	1,780	1,780	2,820
	0.469			97.92	258.51	X46	46,400	63,100	1,960	1,960	2,960
	0.469			97.92	258.51	X52	52,200	66,700	2,200	2,200	3,130
	0.469			97.92	258.51	X56	56,600	71,100	2,390	2,390	3,330
	0.469			97.92	258.51	X60	60,200	75,400	2,540	2,540	3,540
	0.469			97.92	258.51	X65	65,300	77,600	2,760	2,760	3,640
	0.469			97.92	258.51	X70	70,300	82,700	2,970	2,970	3,880
	0.469			97.92	258.51	X80	80,500	90,600	3,000	3,400	4,250
	0.500	30	XS	104.23	275.16	B	35,500	60,200	1,070	1,330	3,010
	0.500	30	XS	104.23	275.16	C	40,000	70,000	1,200		3,500
	0.500	30	XS	104.23	275.16	X42	42,100	60,200	1,890	1,890	3,010
	0.500	30	XS	104.23	275.16	X46	46,400	63,100	2,090	2,090	3,160

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 20 OD 20.000 Seamless & ERW	0.500	30	XS	104.23	275.16	X52	52,200	66,700	2,350	2,350	3,340
	0.500	30	XS	104.23	275.16	X56	56,600	71,100	2,550	2,550	3,560
	0.500	30	XS	104.23	275.16	X60	60,200	75,400	2,710	2,710	3,770
	0.500	30	XS	104.23	275.16	X65	65,300	77,600	2,940	2,940	3,880
	0.500	30	XS	104.23	275.16	X70	70,300	82,700	3,000	3,160	4,140
	0.500	30	XS	104.23	275.16	X80	80,500	90,600	3,000	3,620	4,530
	0.562			116.78	308.30	B	35,500	60,200	1,200	1,500	3,380
	0.562			116.78	308.30	C	40,000	70,000	1,350		3,930
	0.562			116.78	308.30	X42	42,100	60,200	2,130	2,130	3,380
	0.562			116.78	308.30	X46	46,400	63,100	2,350	2,350	3,550
	0.562			116.78	308.30	X52	52,200	66,700	2,640	2,640	3,750
	0.562			116.78	308.30	X56	56,600	71,100	2,860	2,860	4,000
	0.562			116.78	308.30	X60	60,200	75,400	3,000	3,040	4,240
	0.562			116.78	308.30	X65	65,300	77,600	3,000	3,300	4,360
	0.562			116.78	308.30	X70	70,300	82,700	3,000	3,560	4,650
	0.562			116.78	308.30	X80	80,500	90,600	3,000	3,630	5,090
	0.594	40		123.23	325.32	B	35,500	60,200	1,270	1,580	3,580
	0.594	40		123.23	325.32	C	40,000	70,000	1,430		4,160
	0.594	40		123.23	325.32	X42	42,100	60,200	2,250	2,250	3,580
	0.594	40		123.23	325.32	X46	46,400	63,100	2,480	2,480	3,750
	0.594	40		123.23	325.32	X52	52,200	66,700	2,790	2,790	3,960
	0.594	40		123.23	325.32	X56	56,600	71,100	3,000	3,030	4,220
	0.594	40		123.23	325.32	X60	60,200	75,400	3,000	3,220	4,480
	0.594	40		123.23	325.32	X65	65,300	77,600	3,000	3,490	4,610
	0.594	40		123.23	325.32	X70	70,300	82,700	3,000	3,630	4,910
	0.594	40		123.23	325.32	X80	80,500	90,600	3,000	3,630	5,380
	0.625			129.45	341.75	B	35,500	60,200	1,330	1,660	3,760
	0.625			129.45	341.75	C	40,000	70,000	1,500		4,380
	0.625			129.45	341.75	X42	42,100	60,200	2,370	2,370	3,760
	0.625			129.45	341.75	X46	46,400	63,100	2,610	2,610	3,940
	0.625			129.45	341.75	X52	52,200	66,700	2,940	2,940	4,170
	0.625			129.45	341.75	X56	56,600	71,100	3,000	3,180	4,440
	0.625			129.45	341.75	X60	60,200	75,400	3,000	3,390	4,710
	0.625			129.45	341.75	X65	65,300	77,600	3,000	3,630	4,850
	0.625			129.45	341.75	X70	70,300	82,700	3,000	3,630	5,170
	0.625			129.45	341.75	X80	80,500	90,600	3,000	3,630	5,660
	0.688			142.03	374.97	B	35,500	60,200	1,470	1,830	4,140
	0.688			142.03	374.97	C	40,000	70,000	1,650		4,820
	0.688			142.03	374.97	X42	42,100	60,200	2,610	2,610	4,140
	0.688			142.03	374.97	X46	46,400	63,100	2,870	2,870	4,340
	0.688			142.03	374.97	X52	52,200	66,700	3,000	3,230	4,590
	0.688			142.03	374.97	X56	56,600	71,100	3,000	3,500	4,890
	0.688			142.03	374.97	X60	60,200	75,400	3,000	3,630	5,190
	0.688			142.03	374.97	X65	65,300	77,600	3,000	3,630	5,340
	0.688			142.03	374.97	X70	70,300	82,700	3,000	3,630	5,690
	0.688			142.03	374.97	X80	80,500	90,600	3,000	3,630	6,230
	0.750			154.34	407.45	B	35,500	60,200	1,600	2,000	4,520
	0.750			154.34	407.45	C	40,000	70,000	1,800		5,250
	0.750			154.34	407.45	X42	42,100	60,200	2,840	2,840	4,520
	0.750			154.34	407.45	X46	46,400	63,100	3,000	3,130	4,730
	0.750			154.34	407.45	X52	52,200	66,700	3,000	3,520	5,000
	0.750			154.34	407.45	X56	56,600	71,100	3,000	3,630	5,330
	0.750			154.34	407.45	X60	60,200	75,400	3,000	3,630	5,660
	0.750			154.34	407.45	X65	65,300	77,600	3,000	3,630	5,820
	0.750			154.34	407.45	X70	70,300	82,700	3,000	3,630	6,200
	0.750			154.34	407.45	X80	80,500	90,600	3,000	3,630	6,800
	0.812	60		166.56	439.71	B	35,500	60,200	1,730	2,160	4,890
	0.812	60		166.56	439.71	C	40,000	70,000	1,950		5,680
	0.812	60		166.56	439.71	X42	42,100	60,200	3,000	3,080	4,890
	0.812	60		166.56	439.71	X46	46,400	63,100	3,000	3,390	5,120
	0.812	60		166.56	439.71	X52	52,200	66,700	3,000	3,630	5,420
	0.812	60		166.56	439.71	X56	56,600	71,100	3,000	3,630	5,770
	0.812	60		166.56	439.71	X60	60,200	75,400	3,000	3,630	6,120
	0.812	60		166.56	439.71	X65	65,300	77,600	3,000	3,630	6,300
	0.812	60		166.56	439.71	X70	70,300	82,700	3,000	3,630	6,720

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 20 OD 20.000 Seamless & ERW	0.812	60		166.56	439.71	X80	80,500	90,600	3,000	3,630	7,360
	1.031	80		209.06	551.93	B	35,500	60,200	2,200	2,750	6,210
	1.031	80		209.06	551.93	C	40,000	70,000	2,470		7,220
	1.031	80		209.06	551.93	X42	42,100	60,200	3,000	3,630	6,210
	1.031	80		209.06	551.93	X46	46,400	63,100	3,000	3,630	6,510
	1.031	80		209.06	551.93	X52	52,200	66,700	3,000	3,630	6,880
	1.031	80		209.06	551.93	X56	56,600	71,100	3,000	3,630	7,330
	1.031	80		209.06	551.93	X60	60,200	75,400	3,000	3,630	7,770
	1.031	80		209.06	551.93	X65	65,300	77,600	3,000	3,630	8,000
	1.031	80		209.06	551.93	X70	70,300	82,700	3,000	3,630	8,530
	1.031	80		209.06	551.93	X80	80,500	90,600	3,000	3,630	9,340
	1.250			250.55	661.44	B	35,500	60,200	2,660	2,800	7,530
	1.250			250.55	661.44	C	40,000	70,000	2,800		8,750
	1.250			250.55	661.44	X42	42,100	60,200	3,000	3,630	7,530
	1.250			250.55	661.44	X46	46,400	63,100	3,000	3,630	7,890
	1.250			250.55	661.44	X52	52,200	66,700	3,000	3,630	8,340
	1.250			250.55	661.44	X56	56,600	71,100	3,000	3,630	8,890
	1.250			250.55	661.44	X60	60,200	75,400	3,000	3,630	9,430
	1.250			250.55	661.44	X65	65,300	77,600	3,000	3,630	9,700
	1.250			250.55	661.44	X70	70,300	82,700	3,000	3,630	10,340
	1.250			250.55	661.44	X80	80,500	90,600	3,000	3,630	11,330
	1.281	100		256.34	676.73	B	35,500	60,200	2,730	2,800	7,710
	1.281	100		256.34	676.73	C	40,000	70,000	2,800		8,970
	1.281	100		256.34	676.73	X42	42,100	60,200	3,000	3,630	7,710
	1.281	100		256.34	676.73	X46	46,400	63,100	3,000	3,630	8,080
	1.281	100		256.34	676.73	X52	52,200	66,700	3,000	3,630	8,540
	1.281	100		256.34	676.73	X56	56,600	71,100	3,000	3,630	9,110
	1.281	100		256.34	676.73	X60	60,200	75,400	3,000	3,630	9,660
	1.281	100		256.34	676.73	X65	65,300	77,600	3,000	3,630	9,940
	1.281	100		256.34	676.73	X70	70,300	82,700	3,000	3,630	10,590
	1.281	100		256.34	676.73	X80	80,500	90,600	3,000	3,630	11,610
	1.375			273.76	722.74	B	35,500	60,200	2,800	2,800	8,280
	1.375			273.76	722.74	C	40,000	70,000	2,800		9,630
	1.375			273.76	722.74	X42	42,100	60,200	3,000	3,630	8,280
	1.375			273.76	722.74	X46	46,400	63,100	3,000	3,630	8,680
	1.375			273.76	722.74	X52	52,200	66,700	3,000	3,630	9,170
	1.375			273.76	722.74	X56	56,600	71,100	3,000	3,630	9,780
	1.375			273.76	722.74	X60	60,200	75,400	3,000	3,630	10,370
	1.375			273.76	722.74	X65	65,300	77,600	3,000	3,630	10,670
	1.375			273.76	722.74	X70	70,300	82,700	3,000	3,630	11,370
	1.375			273.76	722.74	X80	80,500	90,600	3,000	3,630	12,460
	1.500			296.65	783.15	B	35,500	60,200	2,800	2,800	9,030
	1.500			296.65	783.15	C	40,000	70,000	2,800		10,500
	1.500			296.65	783.15	X42	42,100	60,200	3,000	3,630	9,030
	1.500			296.65	783.15	X46	46,400	63,100	3,000	3,630	9,470
	1.500			296.65	783.15	X52	52,200	66,700	3,000	3,630	10,010
	1.500			296.65	783.15	X56	56,600	71,100	3,000	3,630	10,670
	1.500			296.65	783.15	X60	60,200	75,400	3,000	3,630	11,310
	1.500			296.65	783.15	X65	65,300	77,600	3,000	3,630	11,640
	1.500			296.65	783.15	X70	70,300	82,700	3,000	3,630	12,410
	1.500			296.65	783.15	X80	80,500	90,600	3,000	3,630	13,590
NPS 22 OD 22.000 Seamless	0.375	20	STD	86.69	228.86	B	35,500	60,200	730	910	2,050
	0.375	20	STD	86.69	228.86	C	40,000	70,000	820		2,390
	0.375	20	STD	86.69	228.86	X42	42,100	60,200	1,290	1,290	2,050
	0.375	20	STD	86.69	228.86	X46	46,400	63,100	1,420	1,420	2,150
	0.375	20	STD	86.69	228.86	X52	52,200	66,700	1,600	1,600	2,270
	0.375	20	STD	86.69	228.86	X56	56,600	71,100	1,740	1,740	2,420
	0.375	20	STD	86.69	228.86	X60	60,200	75,400	1,850	1,850	2,570
	0.375	20	STD	86.69	228.86	X65	65,300	77,600	2,000	2,000	2,650
	0.375	20	STD	86.69	228.86	X70	70,300	82,700	2,160	2,160	2,820
	0.375	20	STD	86.69	228.86	X80	80,500	90,600	2,470	2,470	3,090
	0.406			93.72	247.42	B	35,500	60,200	790	980	2,220
	0.406			93.72	247.42	C	40,000	70,000	890		2,580
	0.406			93.72	247.42	X42	42,100	60,200	1,400	1,400	2,220
	0.406			93.72	247.42	X46	46,400	63,100	1,540	1,540	2,330

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 22 OD 22.000 Seamless	0.406			93.72	247.42	X52	52,200	66,700	1,730	1,730	2,460
	0.406			93.72	247.42	X56	56,600	71,100	1,880	1,880	2,620
	0.406			93.72	247.42	X60	60,200	75,400	2,000	2,000	2,780
	0.406			93.72	247.42	X65	65,300	77,600	2,170	2,170	2,860
	0.406			93.72	247.42	X70	70,300	82,700	2,340	2,340	3,050
	0.406			93.72	247.42	X80	80,500	90,600	2,670	2,670	3,340
	0.438			100.96	266.53	B	35,500	60,200	850	1,060	2,400
	0.438			100.96	266.53	C	40,000	70,000	960		2,790
	0.438			100.96	266.53	X42	42,100	60,200	1,510	1,510	2,400
	0.438			100.96	266.53	X46	46,400	63,100	1,660	1,660	2,510
	0.438			100.96	266.53	X52	52,200	66,700	1,870	1,870	2,660
	0.438			100.96	266.53	X56	56,600	71,100	2,030	2,030	2,830
	0.438			100.96	266.53	X60	60,200	75,400	2,160	2,160	3,000
	0.438			100.96	266.53	X65	65,300	77,600	2,340	2,340	3,090
	0.438			100.96	266.53	X70	70,300	82,700	2,520	2,520	3,290
	0.438			100.96	266.53	X80	80,500	90,600	2,880	2,880	3,610
	0.469			107.95	284.98	B	35,500	60,200	910	1,140	2,570
	0.469			107.95	284.98	C	40,000	70,000	1,020		2,980
	0.469			107.95	284.98	X42	42,100	60,200	1,620	1,620	2,570
	0.469			107.95	284.98	X46	46,400	63,100	1,780	1,780	2,690
	0.469			107.95	284.98	X52	52,200	66,700	2,000	2,000	2,840
	0.469			107.95	284.98	X56	56,600	71,100	2,170	2,170	3,030
	0.469			107.95	284.98	X60	60,200	75,400	2,310	2,310	3,210
	0.469			107.95	284.98	X65	65,300	77,600	2,510	2,510	3,310
	0.469			107.95	284.98	X70	70,300	82,700	2,700	2,700	3,530
	0.469			107.95	284.98	X80	80,500	90,600	3,000	3,090	3,860
	0.500	30	XS	114.92	303.38	B	35,500	60,200	970	1,210	2,740
	0.500	30	XS	114.92	303.38	C	40,000	70,000	1,090		3,180
	0.500	30	XS	114.92	303.38	X42	42,100	60,200	1,720	1,720	2,740
	0.500	30	XS	114.92	303.38	X46	46,400	63,100	1,900	1,900	2,870
	0.500	30	XS	114.92	303.38	X52	52,200	66,700	2,140	2,140	3,030
	0.500	30	XS	114.92	303.38	X56	56,600	71,100	2,320	2,320	3,230
	0.500	30	XS	114.92	303.38	X60	60,200	75,400	2,460	2,460	3,430
	0.500	30	XS	114.92	303.38	X65	65,300	77,600	2,670	2,670	3,530
	0.500	30	XS	114.92	303.38	X70	70,300	82,700	2,880	2,880	3,760
	0.500	30	XS	114.92	303.38	X80	80,500	90,600	3,000	3,290	4,120
	0.562			128.79	340.02	B	35,500	60,200	1,090	1,360	3,080
	0.562			128.79	340.02	C	40,000	70,000	1,230		3,580
	0.562			128.79	340.02	X42	42,100	60,200	1,940	1,940	3,080
	0.562			128.79	340.02	X46	46,400	63,100	2,130	2,130	3,220
	0.562			128.79	340.02	X52	52,200	66,700	2,400	2,400	3,410
	0.562			128.79	340.02	X56	56,600	71,100	2,600	2,600	3,630
	0.562			128.79	340.02	X60	60,200	75,400	2,770	2,770	3,850
	0.562			128.79	340.02	X65	65,300	77,600	3,000	3,000	3,960
	0.562			128.79	340.02	X70	70,300	82,700	3,000	3,230	4,230
	0.562			128.79	340.02	X80	80,500	90,600	3,000	3,630	4,630
	0.625			142.81	377.02	B	35,500	60,200	1,210	1,510	3,420
	0.625			142.81	377.02	C	40,000	70,000	1,360		3,980
	0.625			142.81	377.02	X42	42,100	60,200	2,150	2,150	3,420
	0.625			142.81	377.02	X46	46,400	63,100	2,370	2,370	3,590
	0.625			142.81	377.02	X52	52,200	66,700	2,670	2,670	3,790
	0.625			142.81	377.02	X56	56,600	71,100	2,890	2,890	4,040
	0.625			142.81	377.02	X60	60,200	75,400	3,000	3,080	4,280
	0.625			142.81	377.02	X65	65,300	77,600	3,000	3,340	4,410
	0.625			142.81	377.02	X70	70,300	82,700	3,000	3,590	4,700
	0.625			142.81	377.02	X80	80,500	90,600	3,000	3,630	5,150
	0.688			156.74	413.80	B	35,500	60,200	1,330	1,670	3,770
	0.688			156.74	413.80	C	40,000	70,000	1,500		4,380
	0.688			156.74	413.80	X42	42,100	60,200	2,370	2,370	3,770
	0.688			156.74	413.80	X46	46,400	63,100	2,610	2,610	3,950
	0.688			156.74	413.80	X52	52,200	66,700	2,940	2,940	4,170
	0.688			156.74	413.80	X56	56,600	71,100	3,000	3,190	4,450
	0.688			156.74	413.80	X60	60,200	75,400	3,000	3,390	4,720
	0.688			156.74	413.80	X65	65,300	77,600	3,000	3,630	4,850
	0.688			156.74	413.80	X70	70,300	82,700	3,000	3,630	5,170

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 22 OD 22.000 Seamless	0.688			156.74	413.80	X80	80,500	90,600	3,000	3,630	5,670
	0.750			170.37	449.78	B	35,500	60,200	1,450	1,820	4,100
	0.750			170.37	449.78	C	40,000	70,000	1,640		4,770
	0.750			170.37	449.78	X42	42,100	60,200	2,580	2,580	4,100
	0.750			170.37	449.78	X46	46,400	63,100	2,850	2,850	4,300
	0.750			170.37	449.78	X52	52,200	66,700	3,000	3,200	4,550
	0.750			170.37	449.78	X56	56,600	71,100	3,000	3,470	4,850
	0.750			170.37	449.78	X60	60,200	75,400	3,000	3,630	5,140
	0.750			170.37	449.78	X65	65,300	77,600	3,000	3,630	5,290
	0.750			170.37	449.78	X70	70,300	82,700	3,000	3,630	5,640
	0.750			170.37	449.78	X80	80,500	90,600	3,000	3,630	6,180
	0.812			183.92	485.54	B	35,500	60,200	1,570	1,970	4,440
	0.812			183.92	485.54	C	40,000	70,000	1,770		5,170
	0.812			183.92	485.54	X42	42,100	60,200	2,800	2,800	4,440
	0.812			183.92	485.54	X46	46,400	63,100	3,000	3,080	4,660
	0.812			183.92	485.54	X52	52,200	66,700	3,000	3,470	4,920
	0.812			183.92	485.54	X56	56,600	71,100	3,000	3,630	5,250
	0.812			183.92	485.54	X60	60,200	75,400	3,000	3,630	5,570
	0.812			183.92	485.54	X65	65,300	77,600	3,000	3,630	5,730
	0.812			183.92	485.54	X70	70,300	82,700	3,000	3,630	6,100
	0.812			183.92	485.54	X80	80,500	90,600	3,000	3,630	6,690
	0.875	60		197.60	521.66	B	35,500	60,200	1,690	2,120	4,790
	0.875	60		197.60	521.66	C	40,000	70,000	1,910		5,570
	0.875	60		197.60	521.66	X42	42,100	60,200	3,000	3,010	4,790
	0.875	60		197.60	521.66	X46	46,400	63,100	3,000	3,320	5,020
	0.875	60		197.60	521.66	X52	52,200	66,700	3,000	3,630	5,310
	0.875	60		197.60	521.66	X56	56,600	71,100	3,000	3,630	5,660
	0.875	60		197.60	521.66	X60	60,200	75,400	3,000	3,630	6,000
	0.875	60		197.60	521.66	X65	65,300	77,600	3,000	3,630	6,170
	0.875	60		197.60	521.66	X70	70,300	82,700	3,000	3,630	6,580
	0.875	60		197.60	521.66	X80	80,500	90,600	3,000	3,630	7,210
	1.000			224.49	592.65	B	35,500	60,200	1,940	2,420	5,470
	1.000			224.49	592.65	C	40,000	70,000	2,180		6,360
	1.000			224.49	592.65	X42	42,100	60,200	3,000	3,440	5,470
	1.000			224.49	592.65	X46	46,400	63,100	3,000	3,630	5,740
	1.000			224.49	592.65	X52	52,200	66,700	3,000	3,630	6,060
	1.000			224.49	592.65	X56	56,600	71,100	3,000	3,630	6,460
	1.000			224.49	592.65	X60	60,200	75,400	3,000	3,630	6,850
	1.000			224.49	592.65	X65	65,300	77,600	3,000	3,630	7,050
	1.000			224.49	592.65	X70	70,300	82,700	3,000	3,630	7,520
	1.000			224.49	592.65	X80	80,500	90,600	3,000	3,630	8,240
	1.125	80		251.05	662.77	B	35,500	60,200	2,180	2,720	6,160
	1.125	80		251.05	662.77	C	40,000	70,000	2,450		7,160
	1.125	80		251.05	662.77	X42	42,100	60,200	3,000	3,630	6,160
	1.125	80		251.05	662.77	X46	46,400	63,100	3,000	3,630	6,450
	1.125	80		251.05	662.77	X52	52,200	66,700	3,000	3,630	6,820
	1.125	80		251.05	662.77	X56	56,600	71,100	3,000	3,630	7,270
	1.125	80		251.05	662.77	X60	60,200	75,400	3,000	3,630	7,710
	1.125	80		251.05	662.77	X65	65,300	77,600	3,000	3,630	7,940
	1.125	80		251.05	662.77	X70	70,300	82,700	3,000	3,630	8,460
	1.125	80		251.05	662.77	X80	80,500	90,600	3,000	3,630	9,270
	1.219			270.80	714.91	B	35,500	60,200	2,360	2,800	6,670
	1.219			270.80	714.91	C	40,000	70,000	2,660		7,760
	1.219			270.80	714.91	X42	42,100	60,200	3,000	3,630	6,670
	1.219			270.80	714.91	X46	46,400	63,100	3,000	3,630	6,990
	1.219			270.80	714.91	X52	52,200	66,700	3,000	3,630	7,390
	1.219			270.80	714.91	X56	56,600	71,100	3,000	3,630	7,880
	1.219			270.80	714.91	X60	60,200	75,400	3,000	3,630	8,360
	1.219			270.80	714.91	X65	65,300	77,600	3,000	3,630	8,600
	1.219			270.80	714.91	X70	70,300	82,700	3,000	3,630	9,160
	1.219			270.80	714.91	X80	80,500	90,600	3,000	3,630	10,040
	1.250			277.27	732.00	B	35,500	60,200	2,420	2,800	6,840
	1.250			277.27	732.00	C	40,000	70,000	2,730		7,950
	1.250			277.27	732.00	X42	42,100	60,200	3,000	3,630	6,840
	1.250			277.27	732.00	X46	46,400	63,100	3,000	3,630	7,170

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 22 OD 22.000 Seamless	1.250			277.27	732.00	X52	52,200	66,700	3,000	3,630	7,580
	1.250			277.27	732.00	X56	56,600	71,100	3,000	3,630	8,080
	1.250			277.27	732.00	X60	60,200	75,400	3,000	3,630	8,570
	1.250			277.27	732.00	X65	65,300	77,600	3,000	3,630	8,820
	1.250			277.27	732.00	X70	70,300	82,700	3,000	3,630	9,400
	1.250			277.27	732.00	X80	80,500	90,600	3,000	3,630	10,300
NPS 24 OD 24.000 Seamless	0.375	20	STD	94.71	250.03	B	35,500	60,200	670	830	1,880
	0.375	20	STD	94.71	250.03	C	40,000	70,000	750		2,190
	0.375	20	STD	94.71	250.03	X42	42,100	60,200	1,180	1,180	1,880
	0.375	20	STD	94.71	250.03	X46	46,400	63,100	1,310	1,310	1,970
	0.375	20	STD	94.71	250.03	X52	52,200	66,700	1,470	1,470	2,080
	0.375	20	STD	94.71	250.03	X56	56,600	71,100	1,590	1,590	2,220
	0.375	20	STD	94.71	250.03	X60	60,200	75,400	1,690	1,690	2,360
	0.375	20	STD	94.71	250.03	X65	65,300	77,600	1,840	1,840	2,430
	0.375	20	STD	94.71	250.03	X70	70,300	82,700	1,980	1,980	2,580
	0.375	20	STD	94.71	250.03	X80	80,500	90,600	2,260	2,260	2,830
	0.406			102.40	270.34	B	35,500	60,200	720	900	2,040
	0.406			102.40	270.34	C	40,000	70,000	810		2,370
	0.406			102.40	270.34	X42	42,100	60,200	1,280	1,280	2,040
	0.406			102.40	270.34	X46	46,400	63,100	1,410	1,410	2,130
	0.406			102.40	270.34	X52	52,200	66,700	1,590	1,590	2,260
	0.406			102.40	270.34	X56	56,600	71,100	1,720	1,720	2,410
	0.406			102.40	270.34	X60	60,200	75,400	1,830	1,830	2,550
	0.406			102.40	270.34	X65	65,300	77,600	1,990	1,990	2,630
	0.406			102.40	270.34	X70	70,300	82,700	2,140	2,140	2,800
	0.406			102.40	270.34	X80	80,500	90,600	2,450	2,450	3,070
	0.438			110.32	291.25	B	35,500	60,200	780	970	2,200
	0.438			110.32	291.25	C	40,000	70,000	880		2,560
	0.438			110.32	291.25	X42	42,100	60,200	1,380	1,380	2,200
	0.438			110.32	291.25	X46	46,400	63,100	1,520	1,520	2,300
	0.438			110.32	291.25	X52	52,200	66,700	1,710	1,710	2,430
	0.438			110.32	291.25	X56	56,600	71,100	1,860	1,860	2,600
	0.438			110.32	291.25	X60	60,200	75,400	1,980	1,980	2,750
	0.438			110.32	291.25	X65	65,300	77,600	2,150	2,150	2,830
	0.438			110.32	291.25	X70	70,300	82,700	2,310	2,310	3,020
	0.438			110.32	291.25	X80	80,500	90,600	2,640	2,640	3,310
	0.469			117.98	311.45	B	35,500	60,200	830	1,040	2,350
	0.469			117.98	311.45	C	40,000	70,000	940		2,740
	0.469			117.98	311.45	X42	42,100	60,200	1,480	1,480	2,350
	0.469			117.98	311.45	X46	46,400	63,100	1,630	1,630	2,470
	0.469			117.98	311.45	X52	52,200	66,700	1,840	1,840	2,610
	0.469			117.98	311.45	X56	56,600	71,100	1,990	1,990	2,780
	0.469			117.98	311.45	X60	60,200	75,400	2,120	2,120	2,950
	0.469			117.98	311.45	X65	65,300	77,600	2,300	2,300	3,030
	0.469			117.98	311.45	X70	70,300	82,700	2,470	2,470	3,230
	0.469			117.98	311.45	X80	80,500	90,600	2,830	2,830	3,540
	0.500		XS	125.61	331.60	B	35,500	60,200	890	1,110	2,510
	0.500		XS	125.61	331.60	C	40,000	70,000	1,000		2,920
	0.500		XS	125.61	331.60	X42	42,100	60,200	1,580	1,580	2,510
	0.500		XS	125.61	331.60	X46	46,400	63,100	1,740	1,740	2,630
	0.500		XS	125.61	331.60	X52	52,200	66,700	1,960	1,960	2,780
	0.500		XS	125.61	331.60	X56	56,600	71,100	2,120	2,120	2,960
	0.500		XS	125.61	331.60	X60	60,200	75,400	2,260	2,260	3,140
	0.500		XS	125.61	331.60	X65	65,300	77,600	2,450	2,450	3,230
	0.500		XS	125.61	331.60	X70	70,300	82,700	2,640	2,640	3,450
	0.500		XS	125.61	331.60	X80	80,500	90,600	3,000	3,020	3,780
	0.562	30		140.81	371.74	B	35,500	60,200	1,000	1,250	2,820
	0.562	30		140.81	371.74	C	40,000	70,000	1,120		3,280
	0.562	30		140.81	371.74	X42	42,100	60,200	1,770	1,770	2,820
	0.562	30		140.81	371.74	X46	46,400	63,100	1,960	1,960	2,960
	0.562	30		140.81	371.74	X52	52,200	66,700	2,200	2,200	3,120
	0.562	30		140.81	371.74	X56	56,600	71,100	2,390	2,390	3,330
	0.562	30		140.81	371.74	X60	60,200	75,400	2,540	2,540	3,530
	0.562	30		140.81	371.74	X65	65,300	77,600	2,750	2,750	3,630
	0.562	30		140.81	371.74	X70	70,300	82,700	2,960	2,960	3,870

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 24 OD 24.000 Seamless	0.562	30		140.81	371.74	X80	80,500	90,600	3,000	3,390	4,240
	0.625			156.17	412.30	B	35,500	60,200	1,110	1,390	3,140
	0.625			156.17	412.30	C	40,000	70,000	1,250		3,650
	0.625			156.17	412.30	X42	42,100	60,200	1,970	1,970	3,140
	0.625			156.17	412.30	X46	46,400	63,100	2,180	2,180	3,290
	0.625			156.17	412.30	X52	52,200	66,700	2,450	2,450	3,470
	0.625			156.17	412.30	X56	56,600	71,100	2,650	2,650	3,700
	0.625			156.17	412.30	X60	60,200	75,400	2,820	2,820	3,930
	0.625			156.17	412.30	X65	65,300	77,600	3,000	3,060	4,040
	0.625			156.17	412.30	X70	70,300	82,700	3,000	3,300	4,310
	0.625			156.17	412.30	X80	80,500	90,600	3,000	3,630	4,720
	0.688	40		171.45	452.64	B	35,500	60,200	1,220	1,530	3,450
	0.688	40		171.45	452.64	C	40,000	70,000	1,380		4,010
	0.688	40		171.45	452.64	X42	42,100	60,200	2,170	2,170	3,450
	0.688	40		171.45	452.64	X46	46,400	63,100	2,390	2,390	3,620
	0.688	40		171.45	452.64	X52	52,200	66,700	2,690	2,690	3,820
	0.688	40		171.45	452.64	X56	56,600	71,100	2,920	2,920	4,080
	0.688	40		171.45	452.64	X60	60,200	75,400	3,000	3,110	4,320
	0.688	40		171.45	452.64	X65	65,300	77,600	3,000	3,370	4,450
	0.688	40		171.45	452.64	X70	70,300	82,700	3,000	3,630	4,740
	0.688	40		171.45	452.64	X80	80,500	90,600	3,000	3,630	5,190
	0.750			186.41	492.11	B	35,500	60,200	1,330	1,660	3,760
	0.750			186.41	492.11	C	40,000	70,000	1,500		4,380
	0.750			186.41	492.11	X42	42,100	60,200	2,370	2,370	3,760
	0.750			186.41	492.11	X46	46,400	63,100	2,610	2,610	3,940
	0.750			186.41	492.11	X52	52,200	66,700	2,940	2,940	4,170
	0.750			186.41	492.11	X56	56,600	71,100	3,000	3,180	4,440
	0.750			186.41	492.11	X60	60,200	75,400	3,000	3,390	4,710
	0.750			186.41	492.11	X65	65,300	77,600	3,000	3,630	4,850
	0.750			186.41	492.11	X70	70,300	82,700	3,000	3,630	5,170
	0.750			186.41	492.11	X80	80,500	90,600	3,000	3,630	5,660
	0.812			201.28	531.37	B	35,500	60,200	1,440	1,800	4,070
	0.812			201.28	531.37	C	40,000	70,000	1,620		4,740
	0.812			201.28	531.37	X42	42,100	60,200	2,560	2,560	4,070
	0.812			201.28	531.37	X46	46,400	63,100	2,830	2,830	4,270
	0.812			201.28	531.37	X52	52,200	66,700	3,000	3,180	4,510
	0.812			201.28	531.37	X56	56,600	71,100	3,000	3,450	4,810
	0.812			201.28	531.37	X60	60,200	75,400	3,000	3,630	5,100
	0.812			201.28	531.37	X65	65,300	77,600	3,000	3,630	5,250
	0.812			201.28	531.37	X70	70,300	82,700	3,000	3,630	5,600
	0.812			201.28	531.37	X80	80,500	90,600	3,000	3,630	6,130
	0.875			216.31	571.05	B	35,500	60,200	1,550	1,940	4,390
	0.875			216.31	571.05	C	40,000	70,000	1,750		5,100
	0.875			216.31	571.05	X42	42,100	60,200	2,760	2,760	4,390
	0.875			216.31	571.05	X46	46,400	63,100	3,000	3,050	4,600
	0.875			216.31	571.05	X52	52,200	66,700	3,000	3,430	4,860
	0.875			216.31	571.05	X56	56,600	71,100	3,000	3,630	5,180
	0.875			216.31	571.05	X60	60,200	75,400	3,000	3,630	5,500
	0.875			216.31	571.05	X65	65,300	77,600	3,000	3,630	5,660
	0.875			216.31	571.05	X70	70,300	82,700	3,000	3,630	6,030
	0.875			216.31	571.05	X80	80,500	90,600	3,000	3,630	6,610
	0.938			231.25	610.49	B	35,500	60,200	1,660	2,080	4,710
	0.938			231.25	610.49	C	40,000	70,000	1,880		5,470
	0.938			231.25	610.49	X42	42,100	60,200	2,960	2,960	4,710
	0.938			231.25	610.49	X46	46,400	63,100	3,000	3,260	4,930
	0.938			231.25	610.49	X52	52,200	66,700	3,000	3,630	5,210
	0.938			231.25	610.49	X56	56,600	71,100	3,000	3,630	5,560
	0.938			231.25	610.49	X60	60,200	75,400	3,000	3,630	5,890
	0.938			231.25	610.49	X65	65,300	77,600	3,000	3,630	6,070
	0.938			231.25	610.49	X70	70,300	82,700	3,000	3,630	6,460
	0.938			231.25	610.49	X80	80,500	90,600	3,000	3,630	7,080
	0.969	60		238.57	629.82	B	35,500	60,200	1,720	2,150	4,860
	0.969	60		238.57	629.82	C	40,000	70,000	1,940		5,650
	0.969	60		238.57	629.82	X42	42,100	60,200	3,000	3,060	4,860
	0.969	60		238.57	629.82	X46	46,400	63,100	3,000	3,370	5,100

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 24 OD 24.000 Seamless	0.969	60		238.57	629.82	X52	52,200	66,700	3,000	3,630	5,390
	0.969	60		238.57	629.82	X56	56,600	71,100	3,000	3,630	5,740
	0.969	60		238.57	629.82	X60	60,200	75,400	3,000	3,630	6,090
	0.969	60		238.57	629.82	X65	65,300	77,600	3,000	3,630	6,270
	0.969	60		238.57	629.82	X70	70,300	82,700	3,000	3,630	6,680
	0.969	60		238.57	629.82	X80	80,500	90,600	3,000	3,630	7,320
	1.000			245.87	649.10	B	35,500	60,200	1,780	2,220	5,020
	1.000			245.87	649.10	C	40,000	70,000	2,000		5,830
	1.000			245.87	649.10	X42	42,100	60,200	3,000	3,160	5,020
	1.000			245.87	649.10	X46	46,400	63,100	3,000	3,480	5,260
	1.000			245.87	649.10	X52	52,200	66,700	3,000	3,630	5,560
	1.000			245.87	649.10	X56	56,600	71,100	3,000	3,630	5,930
	1.000			245.87	649.10	X60	60,200	75,400	3,000	3,630	6,280
	1.000			245.87	649.10	X65	65,300	77,600	3,000	3,630	6,470
	1.000			245.87	649.10	X70	70,300	82,700	3,000	3,630	6,890
	1.000			245.87	649.10	X80	80,500	90,600	3,000	3,630	7,550
	1.031			253.15	668.32	B	35,500	60,200	1,830	2,290	5,170
	1.031			253.15	668.32	C	40,000	70,000	2,060		6,010
	1.031			253.15	668.32	X42	42,100	60,200	3,000	3,260	5,170
	1.031			253.15	668.32	X46	46,400	63,100	3,000	3,590	5,420
	1.031			253.15	668.32	X52	52,200	66,700	3,000	3,630	5,730
	1.031			253.15	668.32	X56	56,600	71,100	3,000	3,630	6,110
	1.031			253.15	668.32	X60	60,200	75,400	3,000	3,630	6,480
	1.031			253.15	668.32	X65	65,300	77,600	3,000	3,630	6,670
	1.031			253.15	668.32	X70	70,300	82,700	3,000	3,630	7,110
	1.031			253.15	668.32	X80	80,500	90,600	3,000	3,630	7,780
	1.062			260.41	687.48	B	35,500	60,200	1,890	2,360	5,330
	1.062			260.41	687.48	C	40,000	70,000	2,120		6,200
	1.062			260.41	687.48	X42	42,100	60,200	3,000	3,350	5,330
	1.062			260.41	687.48	X46	46,400	63,100	3,000	3,630	5,580
	1.062			260.41	687.48	X52	52,200	66,700	3,000	3,630	5,900
	1.062			260.41	687.48	X56	56,600	71,100	3,000	3,630	6,290
	1.062			260.41	687.48	X60	60,200	75,400	3,000	3,630	6,670
	1.062			260.41	687.48	X65	65,300	77,600	3,000	3,630	6,870
	1.062			260.41	687.48	X70	70,300	82,700	3,000	3,630	7,320
	1.062			260.41	687.48	X80	80,500	90,600	3,000	3,630	8,020
	1.219	80		296.86	783.71	B	35,500	60,200	2,160	2,700	6,120
	1.219	80		296.86	783.71	C	40,000	70,000	2,440		7,110
	1.219	80		296.86	783.71	X42	42,100	60,200	3,000	3,630	6,120
	1.219	80		296.86	783.71	X46	46,400	63,100	3,000	3,630	6,410
	1.219	80		296.86	783.71	X52	52,200	66,700	3,000	3,630	6,780
	1.219	80		296.86	783.71	X56	56,600	71,100	3,000	3,630	7,220
	1.219	80		296.86	783.71	X60	60,200	75,400	3,000	3,630	7,660
	1.219	80		296.86	783.71	X65	65,300	77,600	3,000	3,630	7,880
	1.219	80		296.86	783.71	X70	70,300	82,700	3,000	3,630	8,400
	1.219	80		296.86	783.71	X80	80,500	90,600	3,000	3,630	9,200
NPS 26 OD 26.000 Seamless	0.375		STD	102.72	271.19	B	35,500	60,200	610	770	1,740
	0.375		STD	102.72	271.19	C	40,000	70,000	690		2,020
	0.375		STD	102.72	271.19	X42	42,100	60,200	1,090	1,090	1,740
	0.375		STD	102.72	271.19	X46	46,400	63,100	1,200	1,200	1,820
	0.375		STD	102.72	271.19	X52	52,200	66,700	1,360	1,360	1,920
	0.375		STD	102.72	271.19	X56	56,600	71,100	1,470	1,470	2,050
	0.375		STD	102.72	271.19	X60	60,200	75,400	1,560	1,560	2,180
	0.375		STD	102.72	271.19	X65	65,300	77,600	1,700	1,700	2,240
	0.375		STD	102.72	271.19	X70	70,300	82,700	1,830	1,830	2,390
	0.375		STD	102.72	271.19	X80	80,500	90,600	2,090	2,090	2,610
	0.406			111.08	293.26	B	35,500	60,200	670	830	1,880
	0.406			111.08	293.26	C	40,000	70,000	750		2,190
	0.406			111.08	293.26	X42	42,100	60,200	1,180	1,180	1,880
	0.406			111.08	293.26	X46	46,400	63,100	1,300	1,300	1,970
	0.406			111.08	293.26	X52	52,200	66,700	1,470	1,470	2,080
	0.406			111.08	293.26	X56	56,600	71,100	1,590	1,590	2,220
	0.406			111.08	293.26	X60	60,200	75,400	1,690	1,690	2,350
	0.406			111.08	293.26	X65	65,300	77,600	1,840	1,840	2,420
	0.406			111.08	293.26	X70	70,300	82,700	1,980	1,980	2,580

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 26 OD 26.000 Seamless	0.406			111.08	293.26	X80	80,500	90,600	2,260	2,260	2,830
	0.438			119.69	315.97	B	35,500	60,200	720	900	2,030
	0.438			119.69	315.97	C	40,000	70,000	810		2,360
	0.438			119.69	315.97	X42	42,100	60,200	1,280	1,280	2,030
	0.438			119.69	315.97	X46	46,400	63,100	1,410	1,410	2,130
	0.438			119.69	315.97	X52	52,200	66,700	1,580	1,580	2,250
	0.438			119.69	315.97	X56	56,600	71,100	1,720	1,720	2,400
	0.438			119.69	315.97	X60	60,200	75,400	1,830	1,830	2,540
	0.438			119.69	315.97	X65	65,300	77,600	1,980	1,980	2,610
	0.438			119.69	315.97	X70	70,300	82,700	2,130	2,130	2,790
	0.438			119.69	315.97	X80	80,500	90,600	2,440	2,440	3,050
	0.469			128.00	337.93	B	35,500	60,200	770	960	2,170
	0.469			128.00	337.93	C	40,000	70,000	870		2,530
	0.469			128.00	337.93	X42	42,100	60,200	1,370	1,370	2,170
	0.469			128.00	337.93	X46	46,400	63,100	1,510	1,510	2,280
	0.469			128.00	337.93	X52	52,200	66,700	1,690	1,690	2,410
	0.469			128.00	337.93	X56	56,600	71,100	1,840	1,840	2,570
	0.469			128.00	337.93	X60	60,200	75,400	1,950	1,950	2,720
	0.469			128.00	337.93	X65	65,300	77,600	2,120	2,120	2,800
	0.469			128.00	337.93	X70	70,300	82,700	2,280	2,280	2,980
	0.469			128.00	337.93	X80	80,500	90,600	2,610	2,610	3,270
	0.500	20	XS	136.30	359.83	B	35,500	60,200	820	1,020	2,320
	0.500	20	XS	136.30	359.83	C	40,000	70,000	920		2,690
	0.500	20	XS	136.30	359.83	X42	42,100	60,200	1,460	1,460	2,320
	0.500	20	XS	136.30	359.83	X46	46,400	63,100	1,610	1,610	2,430
	0.500	20	XS	136.30	359.83	X52	52,200	66,700	1,810	1,810	2,570
	0.500	20	XS	136.30	359.83	X56	56,600	71,100	1,960	1,960	2,730
	0.500	20	XS	136.30	359.83	X60	60,200	75,400	2,080	2,080	2,900
	0.500	20	XS	136.30	359.83	X65	65,300	77,600	2,260	2,260	2,980
	0.500	20	XS	136.30	359.83	X70	70,300	82,700	2,430	2,430	3,180
	0.500	20	XS	136.30	359.83	X80	80,500	90,600	2,790	2,790	3,480
	0.562			152.83	403.46	B	35,500	60,200	920	1,150	2,600
	0.562			152.83	403.46	C	40,000	70,000	1,040		3,030
	0.562			152.83	403.46	X42	42,100	60,200	1,640	1,640	2,600
	0.562			152.83	403.46	X46	46,400	63,100	1,810	1,810	2,730
	0.562			152.83	403.46	X52	52,200	66,700	2,030	2,030	2,880
	0.562			152.83	403.46	X56	56,600	71,100	2,200	2,200	3,070
	0.562			152.83	403.46	X60	60,200	75,400	2,340	2,340	3,260
	0.562			152.83	403.46	X65	65,300	77,600	2,540	2,540	3,350
	0.562			152.83	403.46	X70	70,300	82,700	2,740	2,740	3,580
	0.562			152.83	403.46	X80	80,500	90,600	3,000	3,130	3,920
	0.625			169.54	447.58	B	35,500	60,200	1,020	1,280	2,890
	0.625			169.54	447.58	C	40,000	70,000	1,150		3,370
	0.625			169.54	447.58	X42	42,100	60,200	1,820	1,820	2,890
	0.625			169.54	447.58	X46	46,400	63,100	2,010	2,010	3,030
	0.625			169.54	447.58	X52	52,200	66,700	2,260	2,260	3,210
	0.625			169.54	447.58	X56	56,600	71,100	2,450	2,450	3,420
	0.625			169.54	447.58	X60	60,200	75,400	2,600	2,600	3,630
	0.625			169.54	447.58	X65	65,300	77,600	2,830	2,830	3,730
	0.625			169.54	447.58	X70	70,300	82,700	3,000	3,040	3,980
	0.625			169.54	447.58	X80	80,500	90,600	3,000	3,480	4,360
	0.688			186.16	491.47	B	35,500	60,200	1,130	1,410	3,190
	0.688			186.16	491.47	C	40,000	70,000	1,270		3,700
	0.688			186.16	491.47	X42	42,100	60,200	2,010	2,010	3,190
	0.688			186.16	491.47	X46	46,400	63,100	2,210	2,210	3,340
	0.688			186.16	491.47	X52	52,200	66,700	2,490	2,490	3,530
	0.688			186.16	491.47	X56	56,600	71,100	2,700	2,700	3,760
	0.688			186.16	491.47	X60	60,200	75,400	2,870	2,870	3,990
	0.688			186.16	491.47	X65	65,300	77,600	3,000	3,110	4,110
	0.688			186.16	491.47	X70	70,300	82,700	3,000	3,350	4,380
	0.688			186.16	491.47	X80	80,500	90,600	3,000	3,630	4,790
	0.750			202.44	534.45	B	35,500	60,200	1,230	1,540	3,470
	0.750			202.44	534.45	C	40,000	70,000	1,380		4,040
	0.750			202.44	534.45	X42	42,100	60,200	2,190	2,190	3,470
	0.750			202.44	534.45	X46	46,400	63,100	2,410	2,410	3,640

Outside Diameter NPS - inches	Wall			Weight		Grade	Specified Minimum Strength (psi)		Mill Hydrostatic Test Pressure (psi)		Ultimate Burst (psi)
	Inches	Schedule Number	Class	lb/ft Plain End	Tons/ Mile		Yield	Tensile	Standard	Alternate	
NPS 26 OD 26.000 Seamless	0.750			202.44	534.45	X52	52,200	66,700	2,710	2,710	3,850
	0.750			202.44	534.45	X56	56,600	71,100	2,940	2,940	4,100
	0.750			202.44	534.45	X60	60,200	75,400	3,000	3,130	4,350
	0.750			202.44	534.45	X65	65,300	77,600	3,000	3,390	4,480
	0.750			202.44	534.45	X70	70,300	82,700	3,000	3,630	4,770
	0.750			202.44	534.45	X80	80,500	90,600	3,000	3,630	5,230
	0.812			218.64	577.21	B	35,500	60,200	1,330	1,660	3,760
	0.812			218.64	577.21	C	40,000	70,000	1,500		4,370
	0.812			218.64	577.21	X42	42,100	60,200	2,370	2,370	3,760
	0.812			218.64	577.21	X46	46,400	63,100	2,610	2,610	3,940
	0.812			218.64	577.21	X52	52,200	66,700	2,930	2,930	4,170
	0.812			218.64	577.21	X56	56,600	71,100	3,000	3,180	4,440
	0.812			218.64	577.21	X60	60,200	75,400	3,000	3,380	4,710
	0.812			218.64	577.21	X65	65,300	77,600	3,000	3,630	4,850
	0.812			218.64	577.21	X70	70,300	82,700	3,000	3,630	5,170
	0.812			218.64	577.21	X80	80,500	90,600	3,000	3,630	5,660
	0.938			251.30	663.44	B	35,500	60,200	1,540	1,920	4,340
	0.938			251.30	663.44	C	40,000	70,000	1,730		5,050
	0.938			251.30	663.44	X42	42,100	60,200	2,730	2,730	4,340
	0.938			251.30	663.44	X46	46,400	63,100	3,000	3,010	4,550
	0.938			251.30	663.44	X52	52,200	66,700	3,000	3,390	4,810
	0.938			251.30	663.44	X56	56,600	71,100	3,000	3,630	5,130
	0.938			251.30	663.44	X60	60,200	75,400	3,000	3,630	5,440
	0.938			251.30	663.44	X65	65,300	77,600	3,000	3,630	5,600
	0.938			251.30	663.44	X70	70,300	82,700	3,000	3,630	5,970
	0.938			251.30	663.44	X80	80,500	90,600	3,000	3,630	6,540
	1.062			283.12	747.43	B	35,500	60,200	1,740	2,180	4,920
	1.062			283.12	747.43	C	40,000	70,000	1,960		5,720
	1.062			283.12	747.43	X42	42,100	60,200	3,000	3,100	4,920
	1.062			283.12	747.43	X46	46,400	63,100	3,000	3,410	5,150
	1.062			283.12	747.43	X52	52,200	66,700	3,000	3,630	5,450
	1.062			283.12	747.43	X56	56,600	71,100	3,000	3,630	5,810
	1.062			283.12	747.43	X60	60,200	75,400	3,000	3,630	6,160
	1.062			283.12	747.43	X65	65,300	77,600	3,000	3,630	6,340
	1.062			283.12	747.43	X70	70,300	82,700	3,000	3,630	6,760
	1.062			283.12	747.43	X80	80,500	90,600	3,000	3,630	7,400