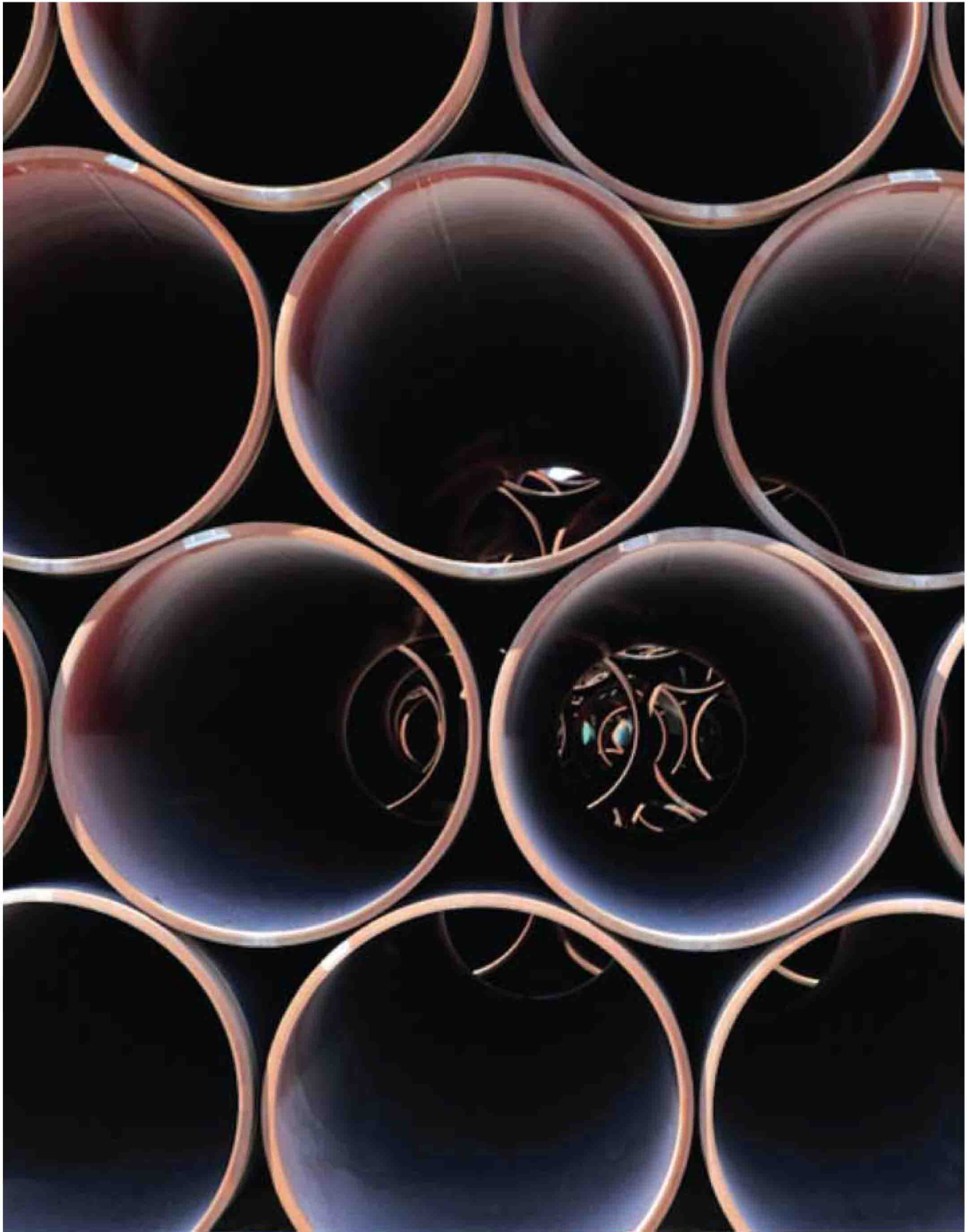


ERW PIPE



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ERW PIPE

STANDARD	GRADE	CHEMICAL COMPOSITION				MECHANICAL PROPERTIES		
		C (%)	Mn (%)	P (%)	S (%)	Min Yield Point (Mpa)	Tensile Strength (Mpa)	Minimum Elongation (%)
SNI	0039-2013	≤0.20	≤0.14	≤0.035	≤0.030	320-460	≥195	≥20

AVAILABLE SIZES AND THICKNESS :

ERW PIPE (LIGHT)						
Pipe Size		Outside Diameter			Wall Thickness	Weight Plain End
		Normal	Min	Max		
in	mm	mm	mm	mm	mm	Kg/6 m
1/2	15	21.4	21.0	21.8	2.0	5.68
3/4	20	26.8	26.4	27.2	2.3	8.28
1	25	33.6	33.2	34.0	2.6	11.88
1 1/4	32	42.3	41.9	42.7	2.6	15.24
1 1/2	40	48.2	47.8	48.6	2.9	19.38
2	50	60.2	59.6	60.8	2.9	24.48
2 1/2	65	76.0	75.2	76.7	3.2	34.26
3	80	88.8	87.9	89.7	3.2	40.32
4	100	114.1	113.0	115.3	3.6	58.50
5	125	139.7	137.7	140.5	3.6	72.48
6	150	165.1	163.4	166.8	3.6	86.04
8	200	219.1	216.9	221.3	5.0	158.40
10	250	273.0	270.3	275.7	5.0	198.24
12	300	323.8	320.6	327.0	5.0	235.86
14	350	355.6	352.0	359.2	5.6	289.98
16	400	406.4	402.3	410.5	5.6	332.10
18	450	457.0	452.4	461.6	6.4	426.72
20	500	508.0	502.9	513.1	6.4	474.96
24	600	610.0	603.9	616.1	6.4	571.56

Light Thickness Tolerance : +10%, -8%



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STANDARD	GRADE	CHEMICAL COMPOSITION				MECHANICAL PROPERTIES		
		C (%)	Mn (%)	P (%)	S (%)	Min Yield Point (Mpa)	Tensile Strength (Mpa)	Minimum Elongation (%)
SNI	0039-2013	≤0.20	≤0.14	≤0.035	≤0.030	320-460	≥195	≥20

AVAILABLE SIZES AND THICKNESS :

ERW PIPE (MEDIUM)						
Pipe Size		Outside Diameter			Wall Thickness	Weight Plain End
		Normal	Min	Max		
in	mm	mm	mm	mm	mm	Kg/6 m
1/2	15	21.3	21.0	21.8	2.6	7.26
3/4	20	26.9	26.5	27.3	2.6	9.36
1	25	33.7	33.3	34.2	3.2	14.46
1 1/4	32	42.4	42.0	42.9	3.2	18.60
1 1/2	40	48.3	47.9	48.8	3.2	21.36
2	50	60.3	59.7	60.8	3.6	30.18
2 1/2	65	76.1	75.3	76.6	3.6	38.52
3	80	88.9	88.0	89.5	4.0	50.16
4	100	114.3	113.1	115.0	4.5	73.20
5	125	139.7	138.5	140.8	5.0	99.60
6	150	165.1	163.9	166.5	5.0	118.80
8	200	219.1	216.9	221.3	6.4	199.92
10	250	273.0	270.3	275.7	6.4	250.50
12	300	323.8	320.6	327.0	6.4	298.26
14	350	355.6	352.0	359.2	6.4	328.14
16	400	406.4	402.3	410.5	6.4	375.84
18	450	457.0	452.4	461.6	9.5	630.60
20	500	508.0	502.9	513.1	9.5	702.12
24	600	610.0	603.9	616.1	9.5	845.28

Light Thickness Tolerance : +15%, -10%



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ERW PIPE

STANDARD	GRADE	CHEMICAL COMPOSITION				MECHANICAL PROPERTIES		
		C (%)	Mn (%)	P (%)	S (%)	Min Yield Point (Mpa)	Tensile Strength (Mpa)	Minimum Elongation (%)
SNI	0039-2013	≤0.20	≤0.14	≤0.035	≤0.030	320-460	≥195	≥20

AVAILABLE SIZES AND THICKNESS :

ERW PIPE (HEAVY)						
Pipe Size		Outside Diameter			Wall Thickness	Weight Plain End
		Normal	Min	Max		
in	mm	mm	mm	mm	mm	Kg/6 m
1/2	15	21.3	21.1	21.8	3.2	8.64
3/4	20	26.8	26.6	27.2	3.2	11.22
1	25	33.8	33.4	34.2	4.0	17.64
1 1/4	32	42.5	42.1	42.9	4.0	22.80
1 1/2	40	48.4	48.0	48.8	4.0	26.28
2	50	60.3	59.8	60.8	4.5	37.14
2 1/2	65	76.0	75.4	76.6	4.5	47.58
3	80	88.8	88.1	89.5	5.0	61.80
4	100	114.1	113.3	114.9	6.0	95.94
5	125	139.7	138.7	142.7	6.6	131.52
6	150	168.3	164.1	170.0	7.1	169.32
8	200	219.1	216.9	221.3	8.2	255.90
10	250	273.0	270.3	275.7	9.3	362.88
12	300	323.8	320.6	327.0	10.3	477.78
14	350	355.6	352.0	359.2	11.1	565.80
16	400	406.4	402.3	410.5	12.7	739.80
18	450	457.0	452.4	461.6	12.7	834.90
20	500	508.0	502.9	513.1	12.7	930.72
24	600	610.0	603.9	616.1	12.7	1122.36

Light Thickness Tolerance : +15%, -12.5%



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ERW PIPE

Standard	Grade	CHEMICAL COMPOSITION									MECHANICAL PROPERTIES	
		C (%)	Mn (%)	P (%)	S (%)	Cu (%)	Ni (%)	Mo (%)	Cr (%)	V (%)	Tensile Strength Mpa	Yield Strength Mpa
ASTM	A53-A	≤0.25	≤0.95	≤0.05	≤0.045	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥330	≥205
	A53-B	≤0.30	≤1.2	≤0.05	≤0.045	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥ 415	≥ 240

AVAILABLE SIZES AND THICKNESS :

Pipe Size		Outside Diameter	Wall Thickness (mm)						
			Weight (kg/m)						
mm	in	mm	SCH 10	SCH 20	SCH 30	SCH STD	SCH 40	SCH 60	SCH XS
15	1/2	21.3				2.77	2.77		
						1.27	1.27		
20	3/4	26.7				2.87	2.87		
						1.69	1.69		
25	1	33.4				3.38	3.38		
						2.50	2.50		
32	1 1/4	42.2				3.56	3.56		
						3.39	3.39		
40	1 1/2	48.3				3.68	3.68		
						4.05	4.05		
50	2	60.3				3.91	3.91		
						5.44	5.44		
65	2 1/2	73.0				5.16	5.16		
						8.63	8.63		
80	3	88.9				5.49	5.49		
						11.29	11.29		
100	4	114.3				6.02	6.02		
						16.07	16.07		
125	5	141.3				6.55	6.55		
						21.77	21.77		
150	6	168.3				7.11	7.11		
						28.26	28.26		
200	8	219.1		6.35	7.04	8.18	8.18	10.31	12.70
				33.31	36.81	42.55	42.55	53.08	64.64
250	10	273.1		6.35	7.80	9.27	9.27	12.70	12.70
				41.77	51.03	60.31	60.31	81.55	81.55
300	12	323.9		6.35	8.38	9.53	10.31	14.27	12.70
				49.73	65.20	73.88	79.73	108.96	97.46
350	14	355.6	6.35	7.92	9.53	9.53	11.13	15.09	12.70
			54.69	67.90	81.33	81.33	94.55	126.71	107.39
400	16	406.4	6.35	7.92	9.53	9.53	12.70	16.66	12.70
			62.64	77.83	93.27	93.27	123.30	160.12	123.30
450	18	457.2	6.35	7.92	11.13	9.53	14.27	19.05	12.70
			70.57	87.71	122.38	105.16	155.80	205.74	139.15
500	20	508.0	6.35	9.53	12.70	9.53	15.09	20.62	12.70
			78.55	117.15	155.12	117.15	183.42	247.83	155.12
550	22	558.0	6.35	9.53	12.70	9.53		22.23	12.70
			86.54	129.13	171.09	129.13		294.25	171.09
600	24	609.6	6.35	9.53	14.27	9.53	17.48	24.61	12.70
			94.53	141.12	209.64	141.12	255.41	355.26	187.06



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