

STEEL & PIPES for AFRICA

Cape Town



Best Quality, Best Value, Best Service, Best Range

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Round Tubing

Outside diameter (mm)	Wall thickness t (mm)								
	1.6	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
15.8	0.564								
19.1	0.689	0.841							
21.4	0.783	0.959	1.17	1.36					
25.4	0.939	1.15	1.41						
26.9	1.00	1.23	1.51	1.78					
32.0	1.19	1.47	1.80	2.13					
34.1	1.28	1.59	1.95	2.30	2.64	2.97			
38.1	1.44	1.78	2.20	2.60	2.99				
42.8	1.63	2.02	2.49	2.95	3.39	3.83			
48.5	1.85	2.29	2.83	3.36	3.88	4.38	4.88		
50.8	1.91	2.37	2.93	3.48	4.08	4.62			
57.1	2.19	2.72	3.37	4.01	4.63	5.24			
60.3	2.32	2.88	3.57	4.24	4.91	5.56	6.20		
63.5	2.44	3.03	3.76	4.48	5.18	5.87	6.55		
76.2	2.94	3.66	4.55	5.42	6.28	7.12	7.96	8.78	10.39
88.9	3.46	4.29	5.33	6.36	7.37	8.38	9.37	10.35	12.27
101.6	3.95	4.91	6.11	7.30	8.47	9.63	10.78	11.91	14.15
114.3		5.54	6.89	8.24	9.57	10.88	12.19	13.48	16.03
127.0		6.17	7.68	9.18	10.66	12.14	13.60	15.05	17.91
139.7				10.12	11.76	13.39	15.01	16.61	19.79
152.4				11.06	12.85	14.64	16.41	18.18	21.67
165.1				12.00	13.95	15.89	17.83	19.74	23.55
177.8				12.93	15.05	17.07	19.15	21.31	25.42
193.7					16.42		21.00		27.78
219.1					18.60		23.81		31.52

Colour code relating to grade of steel

SAE 1008 (SI less than 0.03) SABS 1431 300WA (Modified)

Open Sections (Lipped Channel)

Size dxh (mm)	Wall thickness t (mm)								
	1.6	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
75x50x20		3.14	3.85	4.60					
100x50x20		3.53	4.34	5.19					
100x75x20		4.32	5.33	6.30					
125x50x20		3.93	4.84	5.72					
125x65x20		4.43	5.48	6.48					
125x75x20		4.71	5.82	6.89					
150x50x20		4.32	5.33	6.30					
150x65x20		4.82	5.96	7.07					
150x75x20		5.13	6.31	7.48					
175x50x20		4.74	5.82	6.89					
175x75x20			6.80	8.07					
200x75x20		5.95	7.29	8.66					
225x75x20			7.78	9.25					
250x75x20			8.31	9.90					

Rectangles

Size dxh (mm)	Wall thickness t (mm)								
	1.6	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
25x13	0.939								
32x19	1.19	1.47	1.84						
38x19	1.44	1.78	2.09	2.47	2.83	3.19			
38x25	1.52	1.88	2.33	2.76					
50x25	1.85	2.29	2.83	3.36	3.88	4.38			
50x38	2.19	2.72	3.37	4.01	4.57	5.17			
63x25	2.19	2.72	3.37	4.01	4.57	5.17			
76x25	2.44	3.03	3.76	4.48	5.18	5.87			
60x40	2.44	3.03	3.76	4.48	5.18	5.87	6.55		
76x38	2.82	3.50	4.35	5.18	6.00	6.81	7.60		
76x50	3.09	3.85	4.78	5.70	6.60	7.50	8.38		
80x40	2.94	3.66	4.55	5.42	6.28	7.12	7.96		
100x50	3.69	4.59	5.70	6.81	7.90	8.98	10.04	11.10	
120x60		5.54	6.89	8.24	9.57	10.88	12.19	13.48	16.03
120x80		6.17	7.68	9.18	10.66	12.14	13.60	15.05	17.91
160x80				11.06	12.85	14.64	16.41	18.18	21.67

Squares

Size dxh (mm)	Wall thickness t (mm)								
	1.6	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
13x13	0.56								
16x16	0.68								
19x19	0.94	1.15							
25x25	1.19	1.47	1.80	2.13					
32x32	1.52	1.88	2.31	2.74					
38x38	1.85	2.29	2.83	3.36	3.86	4.37			
50x50	2.44	3.03	3.76	4.48	5.18	5.87	6.55		
60x60	2.94	3.66	4.55	5.42	6.28	7.12	7.96		
63x63	3.09	3.85	4.78	5.70	6.60	7.50	8.38		
75x75	3.69	4.59	5.70	6.81	7.90	8.98	10.04	11.10	
80x80	3.85	4.91	6.11	7.30	8.47	9.63	10.78	11.91	
90x90	4.45	5.54	6.89	8.24	9.57	10.88	12.19	13.48	16.03
100x100		6.17	7.68	9.18	10.66	12.14	13.60	15.05	17.91
120x120				11.06	12.85	14.64	16.41	18.18	21.67
152x152					16.42		21.00		27.78

