

ASTM A554, JIS 3446, CNC 5802 WELDED PIPES



STANDARD DIMENSIONS AND WEIGHT STAINLESS STEEL SQUARE TUBING (ASTM A554, JIS G3446, CNC5802)

Outside Dimension		Wall Thickness (mm)				
		1.0	1.2	1.5	2.0	3.0
(mm)	(inch)	Kg/m	Kg/m	Kg/m	Kg/m	Kg/m
12.7 x 12.7	½ x ½	0.371	0.438	0.533	-	-
19.1 x 19.2	¾ x ¾	0.572	0.68	0.836	1.10	1.60
25.4 x 25.4	1" x 1"	0.772	0.919	1.14	1.50	2.20
31.8 x 31.8	1¼ x 1¼	0.975	1.16	1.44	1.89	2.78
38.1 x 38.1	1½ x 1½	1.18	1.40	1.74	2.29	3.38
40 x 40	-	1.24	1.48	1.83	2.41	3.52
50.8 x 50.8	2" x 2"	-	1.89	2.34	3.09	4.55

TOLERANCE STAINLESS STEEL WELDED PIPE (ASTM A554)

ASTM A554						
Outside Diameter			Thickness	Length		
< 12.7mm		± 0.080mm	± 10%	Definite Cut Lengths		
> 12.7mm	< 25.4mm	± 0.10mm				
≥ 25.4mm	< 38.1mm	± 0.13mm				
≥ 38.1mm	< 50.8mm	± 0.15mm				
≥ 50.8mm	< 63.5mm	± 0.18mm				
≥ 63.5mm	< 88.9mm	± 0.25mm				
≥ 88.9mm	≤ 127mm	± 0.38mm				
> 127mm	≤ 406mm	Tolerance ± 0.03mm/inch				