

- Dimension & Weight Decoration Pipe-

ASTM A554, ROUND TUBE															
Thickness		mm	0.33	0.4	0.5	0.7	0.8	1	1.1	1.5	1.65	2	3	4	5
Outside Diameter (O.D)		in													
in	mm		x	x	x	x	x	x							
3/8"	9.5		x	x	x	x	x	x							
1/2"	12.7		x	x	x	x	x	x	x	x					
5/8"	15.9		x	x	x	x	x	x	x	x					
3/4"	19.05		x	x	x	x	x	x	x	x					
7/8"	22.2		x	x	x	x	x	x	x	x					
1"	25.4			x	x	x	x	x	x	x					
1-1/14"	27.2				x	x	x	x	x	x					
1-1/4"	31.8				x	x	x	x	x	x	x	x			
1-1/2"	38.1				x	x	x	x	x	x	x	x			
	42.7					x	x	x	x	x					
2"	50.8					x	x	x	x	x	x	x			
	60.5						x	x	x	x	x	x			
2-1/2"	63.5						x	x	x	x					
3"	76.2						x	x	x	x					

ASTM A554, SQUARE TUBE									
Thickness		mm	0.5	0.7	0.8	1	1.1	1.5	1.8
		in	0.0197	0.0276	0.0315	0.0394	0.0433	0.059	0.07
Outside Diameter									
in	mm								
	10 x 10		x	x	x				
	12.7 x 12.7		x	x	x	x	x		
1/2" x 1/2"	15 x 15		x	x	x	x	x	x	
	19 x 19		x	x	x	x	x	x	
3/4" x 3/4"	20 x 20		x	x	x	x	x	x	
	25 x 25		x	x	x	x	x	x	x
	30 x 30		x	x	x	x	x	x	x
	40 x 40			x	x	x	x	x	x
	50 x 50			x	x	x			

ASTM A554, RECTANGULAR TUBE								
Thickness		mm	0.5	0.9	4	1.2	1.5	2
		in	0.0197	0.035	0.039	0.047	0.059	0.0787
Outside Diameter								
in	mm							
	10 x 20		x	x	x			
	13 x 26		x	x	x	x	x	
	20 x 40		x	x	x	x	x	
	25 x 50			x	x	x	x	
	30 x 60			x	x	x	x	
	40 x 80			x	x	x	x	

TOLERANCE ASTM A554 SQUARE AND RECTANGULAR TUBE				
Item		Wall Thickness	Straightness	Length
Specification	Side Length	+/- 10%	12.6mm/6m	+50mm -0mm
ASTM	Length of Longest			
	Side x 0.006			

TOLERANCE ASTM A554, TUBE				
Item		Wall Thickness	Straightness	Length
Specification	Outside Diameter	+/- 10%	5.07mm/6m	+50mm -0mm
ASTM	< 12.7 mm +/- 0.10 mm			
	12.7 - 25.4 mm +/- 0.13 mm			
	25.4 - 31.8 mm +/- 0.20 mm			
	31.8 - 50.8 mm +/- 0.25 mm			
	50.8 - 63.5 mm +/- 0.30 mm			
	63.5 - 88.9 mm +/- 0.36 mm			
	88.9 - 127.0 mm +/- 0.51 mm			

- Chemical Composition -

Specifications- Type	Chemical Composition % (Maximum unless range is shown)							
	C	Si	Mn	P	S	Ni	Cr	Mo
ASTM A312								
TP304	0.080	1.00	2.00	0.045	0.030	8.00 - 11.00	18.00 - 20.00	-
TP304L	0.035	1.00	2.00	0.045	0.030	8.00 - 13.00	18.00 - 20.00	-
TP316	0.080	1.00	2.00	0.045	0.030	11.00 - 14.00	16.00 - 18.00	2.00 - 3.00
TP316L	0.035	1.00	2.00	0.045	0.030	10.00 - 14.00	16.00 - 18.00	2.00 - 3.00