

Round Duct **CONSTRUCTION STANDARDS**

METAL SHEETS SYSTEMS

MAX DIAMETER	POSITIVE PRESSURE					
	+2" w.g.		+4" w.g.		+10" w.g.	
	Spiral Seam	Long.Seam	Spiral Seam	Long.Seam	Spiral Seam	Long.Seam
6"	28	28	28	28	28	28
8"	28	28	28	28	28	26
10"	28	26	28	26	28	26
12"	28	26	28	26	26	24
14"	28	26	26	24	26	24
16"	26	24	26	24	24	22
18"	26	24	24	24	24	22
19-26"	26	24	24	22	24	22
27-36"	24	22	22	20	22	20
37-50"	22	20	20	20	20	20
51-60"	20	18	18	18	18	18
61-84"	18	16	18	16	18	16

GAUGE	US GAUGE CHART - NOMINAL THICKNESS					
	GAVANIZED STEEL (mm)			STAINLESS STEEL (mm)		
	Normal	Min.	Max.	Normal	Min.	Max.
28	0.4750	0.3950	0.5550	0.3962	0.3462	0.4462
26	0.5512	0.4712	0.6312	0.4775	0.3975	0.5575
24	0.7010	0.6010	0.8010	0.6350	0.5550	0.7150
22	0.8534	0.7534	0.9534	0.7950	0.6950	0.8950
20	1.006	0.906	1.106	0.9525	0.8525	1.0525
18	1.311	1.181	1.441	1.2700	1.1400	1.4000
16	1.613	1.463	1.763	1.5875	1.4375	1.7375
14	1.994	1.784	2.204	1.9837	1.8037	2.1637

Based on ASTM A525 (hot Dip Gavanized sheet) and Manufacturers' Standaeads.

ASTM-A167 - "Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip" (properties of the 300 series)

ASTM-A480 - "Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip"