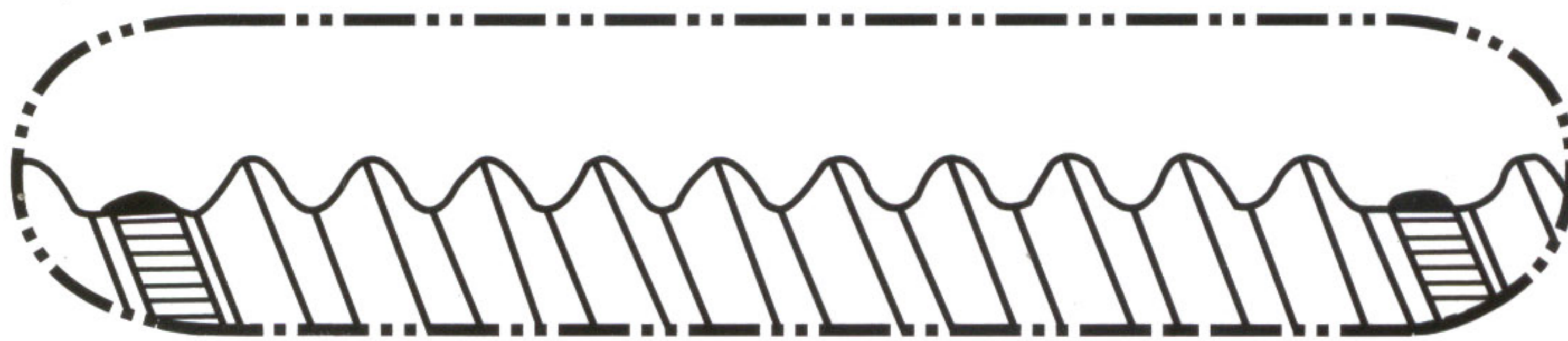




ZAMZAM

Air Quality Products

Z-AluFlex



Z-AluFlex is a bendable semi flexible pure Aluminum Round duct manufactured from pure alum. Strips preformed in 10 pillows to achieve max flexibility and spirally wounded to produce a tube with a triple overlapped joint. Which is crimped by a unique process to ensure pressure tightness up to 12" W.G (3000 Pascal) and air velocity up to 5900 ft/min (30mt / sec).

Z-AluFlex is suitable for low/medium/high pressure for H.V.A.C and exhaust systems.

Z-AluFlex features :

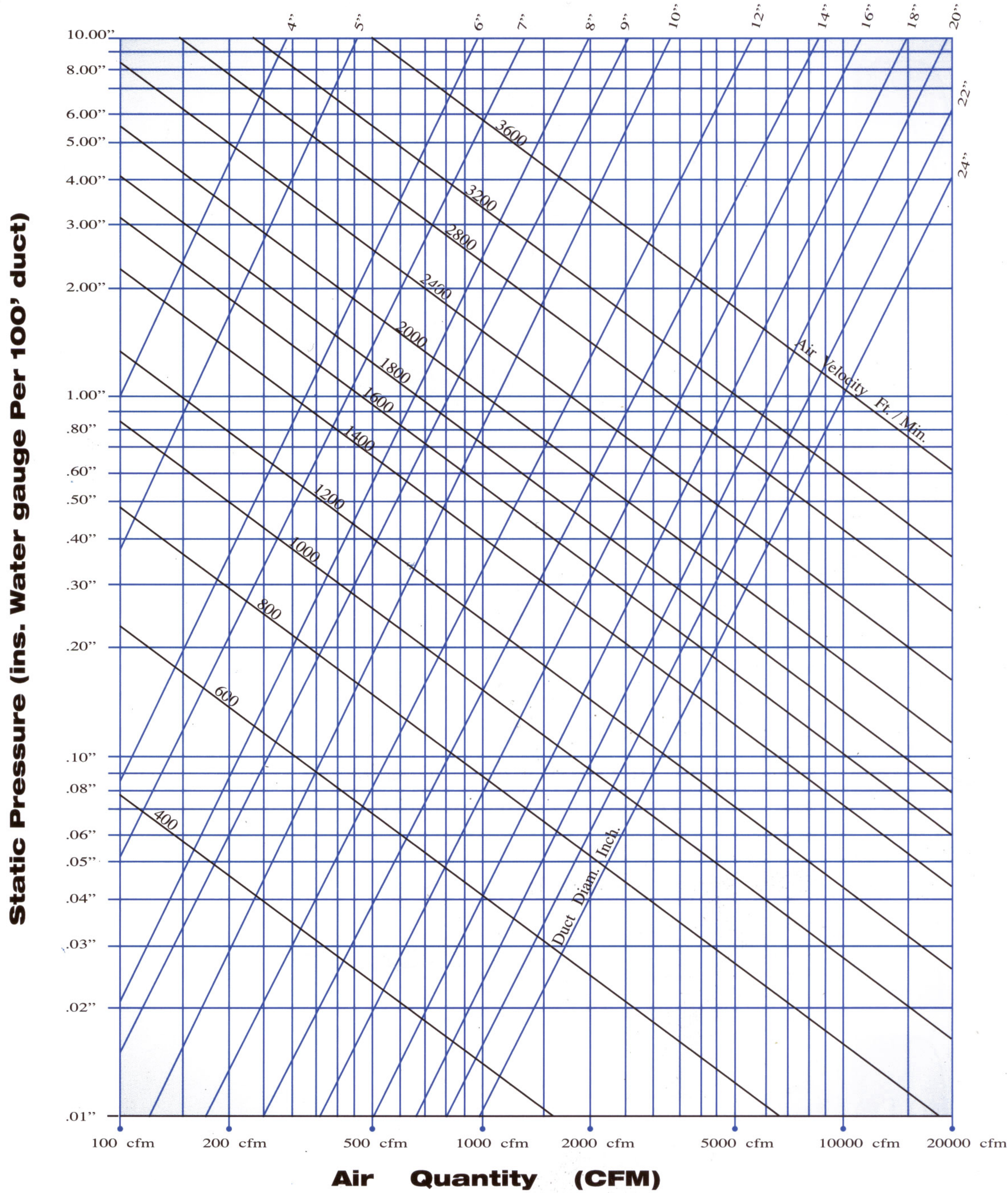
- ★ **Material :** pure aluminum 115 micron
- ★ **Diameters : D** 4",5",6",7",8",9",10",12",14",16",18",20",22",24"
- ★ **Temperature range :** -30 to 200C°
- ★ **Standard length :** 3 meter (other length's available upon request)
- ★ **min. bend Radius :**

D < 8"	R = 1D
D 8" to 12"	R = 1½D
D > 12"	R = 2D



Z-AluFlex

Flexible Duct Friction Diagramm



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Temperature (deg.F)	- 4	+32	+68	+104	+140	+176	+212	+248
Correction Factor	1.158	1.073	1.000	0.936	0.880	0.830	0.785	0.746

Actual Pressure Loss = Pressure Loss At 68 deg.F from the above chart x Correction Factor