



**Type 12FA**

ID Size		3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"
Weight oz/ft	Type 12	2.0	3.0	5.0	6.0	6.9	7.8	11.0	12.0	14.3	17.0	19.4
	Type 12FV, 12FA	2.9	4.1	6.3	7.6	8.3	9.6	12.5	13.5	16.1	19.8	22.6
Crush Strength - lbs/ft		150	140	140	125	110	100	110	100	90	100	90
Span - Max. Unsupported		4.0	5.0	6.0	7.0	7.0	8.0	9.0	10'	10'	10'	10'

Note: ID sizes are nominal and weights are approximate.

### CORE

- \* All metal, semi-rigid construction, consisting of 2-plys of aluminum permanently fused together and corrugated creating a continuous inner and outer surface that is air-tight, flexible and strong.
- \* Rated pressures per UL-181 and recommended maximum operating pressures:
- \* Working Pressure: 20" W.C. positive and negative for all sizes
- \* Burst Pressure: 88" W.C.
- \* Maximum Air Velocity : 5000 FPM

### THERMAL CHARACTERISTICS

- \* 1 1/2" thick, .5 lbs density R 4.5 insulation

### VAPOR BARRIER

- \* Fiberglass reinforced metalized polyester vapor barrier
- \* Perm rating of 0.05 perms when measured per ASTM E-96, Method A

### OPERATING TEMPERATURE RANGE

- \* 10 - 200 degrees Fahrenheit

### SIZE RANGE

- \* Standard lengths: 10 feet
- \* Standard I.D. available: 3", 4", 5", 6", 7", 8", 9", 10", 12", 14" & 16"

### APPROVALS

- \* UL 181, Flexible Air Duct Connectors, Class 1
- \* National Fire Protection Association, Bulletin 90A

Job Name:		Submitted By:		Date: 03/11/2004	SD-031104-12FA
Location:				Clevaflex Type 12FA	
Architect:				Insulated metal core flexible air duct	
Engineer:				Class 1, R 4.5	
Contractor:				Fiberglass reinforced metalized vapor barrier	