




FABRICS

FABRIC COMPARISONS	Insulflex®*
UL Classified Listing #	n/a
Continuous Temp. Range	-40° F. to 180° F. (-40° C to 82° C)
Color	Black
Commercial Grade Weight	28 oz. (.47 mm) (composite weight)
Residential Grade Weight	28 oz. (.47 mm) (composite weight)
Abrasion Resistance¹	500 cycles
Leakage Resistance²	125
Tear Strength³	8 lbs. / 11 lbs. (39 N x 49 N)
Tensile Strength⁴	70 lbs. / 70 lbs. (311 N x 311 N)
Base Fabric	Polyester
Coating	Vinyl
Features	<ul style="list-style-type: none"> • Low Smoke Emission • Insulated 3-4-3 Configuration
Codes	
Metal-Fab® 3x3x3 Grip Loc 	IDC343 (#10173) *Gauge: 28 †Guard Loc
Super Metal-Fab® 3x6x3 Grip Loc 	Not Available
TDC / TDF 4x4x4 Grip Loc 	Not Available
*4x6x4 also noted	
Econ-O-Fab® Guard Loc	Not Available
Junior Guard Loc	Not Available
Fabric Only (100ft. length)	Not Available

All Metal-Fab, Super Metal-Fab and TDC/TDF Flexible Duct Connectors are manufactured with 24 gauge galvanized steel; other materials are available upon request. Stainless Steel configurations utilize 300 or 316 grade material. Aluminum configurations have an alloy and temp: 3003-H14 and thickness: .032".



Notes:

1. Abrasion resistance as per Federal Test Standard 191 Method #5306 using CS 17 wheel with 250 Gram load.
2. Leakage resistance as per Federal Test Standard 191 Method #5512. Results in P.S.I. (To convert inches of water multiply P.S.I. x 27.176.).
3. Tear strength in tongue pounds as per Federal Test Standard 191 Method #5134.1 (warp/fill).
4. Tensile strength in grab pounds as per Federal Test Standard 191 Method #5100 (warp/fill).
5. Standard Excelon is not LA city approved. Use Excelon-LA when LA city approval is necessary. (See Specification Form Excelon-LA - 203)
6. Duro Dyne Neoprene, Durolon, Teflon, Thermafab and Excelon fabrics were subjected to a 1000 hour accelerated weathering and UV test per ASTM G155