

# Fabriflex™

## Fab 3M FLEXIBLE FABRIC DUCTING



- Mechanically bonded
- Exterior galvanized steel helix
- Reinforced ducting
- ULC Listed
- No adhesives
- Core will not aid mold & mildew growth
- Exceptional strength
- Promotes scuff resistance
- Air tight and leakproof
- Corrosive resistant helix
- Lightweight
- Tear resistant
- High pressure rated
- Insulated
- Metallized vapour barrier

### Fab 3M

The high pressure insulated air duct is made of a reinforced aluminized trillaminate spirally wound and mechanically locked together by a corrosive resistant galvanized steel helix. The core is covered with thick fiberglass insulation, and sleeved by a flame retardant, scrim foil mylar sleeve. The reinforced metallized vapour barrier improves puncture resistance and overall duct strength. This high pressure ULC-S110 and UL-181 Class 1 product is excellent for most HVAC systems.

### Suggested Specification

Flexible duct shall be Fabriflex™ Type 3M by Flexmaster. It will be constructed of a reinforced aluminized trillaminate mechanically bonded to a corrosive resistant outside metal helix. The core will be factory wrapped with thick fiberglass insulation and covered by a flame retardant, scrim foil mylar sleeve. This duct shall be listed in accordance with UL-181 specification as a Class 1 air duct.

|                            |                                    |
|----------------------------|------------------------------------|
| Core Material:             | Basic Fab 3                        |
| Thermal Resistance:        | Available: R4.2, R6, R8            |
| Maximum Rated Velocity:    | 5000 FRM                           |
| Maximum Positive Pressure: | 3.0 kPa (12 in. WC)                |
| Maximum Negative Pressure: | 2.5 kPa (10 in. WC)                |
| Temperature Range:         | -20°F to +250°F (-29°C to +122°C ) |
| Bend Radius:               | 1 x diameter                       |
| Available Sizes:           | 3" to 24"                          |
| Standard Lengths:          | 25 ft                              |
| UL Listing:                | UL-181 Class 1 Air Duct            |

Note: This ULC Class 1 product has a flame spread rating of not over 25 without evidence of continued progressive combustion and a smoke developed rating of not over 50.

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#### Calgary, AB

Tel 403.277.3115  
Fax 403.276.1309

#### Delta, BC

Tel 604.940.6401  
Fax 604.940.6402

#### Etobicoke, ON

Tel 416.679.0045  
Fax 416.679.0051

#### Ottawa, ON

Tel 613.744.7360  
Fax 613.744.7366

#### Pointe Claire, QC

Tel 514.697.3701  
Fax 514.697.3767

#### Richmond Hill, ON

Tel 905.731.9411  
Fax 905.731.7086

FLEXMASTER CANADA LTD  
THE NOVA FLEX® GROUP



Email: sales@flexmaster.com  
Website: www.flexmaster.com