

## Fab 4M FLEXIBLE FABRIC DUCTING

### Fab 4M

This high pressure insulated flexible duct consists of a core made from PVC coated woven fiberglass cloth which is mechanically locked together without adhesives by a corrosive resistant galvanized steel helix. The core is covered with thick fiberglass insulation and covered by a flame retardant, scrim foil mylar sleeve. This ULC-S110 and UL-181 Class 1 product combines a rugged puncture resistant fabric with a highly dependable insulated vapor barrier to create a superior high pressure thermal duct ideal for commercial or institutional HVAC use.

#### Suggested Specification

Flexible duct shall be Fabriflex® Type 4M by Flexmaster. It will be constructed of a PVC coated woven fiberglass cloth which is 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 ULC-S110 specification as a Class 1 air duct.



- Mechanically bonded
- Fiberglass insulation
- Vapour barrier
- ULC Listed as a Class I Air Duct
- No adhesives
- Core will not aid mold & mildew growth
- Exceptional strength
- Low permeability barrier
- Air tight and leakproof
- Corrosive resistant helix
- Thermal reliability
- Tear resistant core
- High pressure rated

Core Material:	Basic Fab 4
Thermal Resistance:	Available: R4, 2, R6, R8
Maximum Rated Velocity:	20.3 m/s (4000 fpm)
Maximum Positive Pressure:	3.0 kPa (12 in. WC)
Maximum Negative Pressure:	0.13 kPa (0.5 in. WC)
Temperature Range:	-20°F to +250°F (-29°C to +122°C)
Bend Radius:	1 x diameter
Available Sizes:	3" to 20" (larger sizes on request)
Standard Lengths:	25ft
ULC Listing:	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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