

Fab 3M FLEXIBLE FABRIC DUCTING

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 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.



- Mechanically bonded
- Exterior galvanized steel helix
- Reinforced ducting
- UL 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

Material	Basic Fab 3, 1" insulation, Mylar vapour barrier
Maximum Rated Velocity	5500 FRM
Maximum Positive Pressure	20 in. WC
Maximum Negative Pressure (3" to 12")	10 in. WC
Maximum Negative Pressure (14" to 16")	5 in. WC
Maximum Negative Pressure (18" to 20")	1 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	25 ft
Insulation Ratings:	R6
UL Listing:	UL-181 Class 1 Air Duct

Note: This UL 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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