Fabriflex™

Submittal Data

Fab 3M flexible fabric ducting

Fab 3M

The high pressure insulated air duct is made of a reinforced aluminized trilaminate 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 timproves 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 trilaminate 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.

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| 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") | lin. 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 UL Class 1 product has a flame spread rating of not over 25 without evidence of | |

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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- 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