

## Fab 4M FLEXIBLE FABRIC DUCTING

### Fab 4M

This high pressure insulated flexible duct consists of a core made from fiberglass cloth with flame retardant coating 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 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 fiberglass cloth with flame retardant coating 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 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

<b>Core Material:</b>	Basic Fab 4
<b>Thermal Resistance:</b>	Available R4.2, R6, R8
<b>Maximum Rated Velocity:</b>	(5500 fpm)
<b>Maximum Positive Pressure:</b>	25" w.g. positive
<b>Maximum Negative Pressure:</b>	10" w.g. negative thru 12" diameter 5" w.g. negative, 14" & 16" diameter 1" w.g. negative, 18" & 20" diameter
<b>Temperature Range:</b>	-20°F to +250°F
<b>Bend Radius:</b>	1 x diameter
<b>Available Sizes:</b>	3" to 20" (larger sizes on request)
<b>Standard Lengths:</b>	25ft
<b>UL Listing:</b>	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.

All products are warranted to be free from all defects in material and workmanship. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete **Terms and Conditions of Sale** located on our web sites at: [www.novaflex.com](http://www.novaflex.com) / [www.z-flex.com](http://www.z-flex.com) / [www.flexmaster.com](http://www.flexmaster.com).