

## Fab 4T FLEXIBLE FABRIC DUCTING

### Fab 4T

This high pressure insulated flexible duct consists of a core made from vinyl coated fiberglass cloth which is mechanically locked together by a corrosive resistant galvanized steel helix. The core is covered with thick fiberglass insulation and covered by a flame retardant, non-toxic polyethylene vapor barrier. 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 4T by Flexmaster. It will be constructed of a vinyl coated 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, non-toxic polyethylene vapour barrier. This duct shall be listed in accordance with ULC-S110 specification as a Class 1 Air Duct. For increased protection against punctures and overall duct strength, also available with mylar vapour barrier sleeve, Fab 4M.



- Mechanically bonded
- Fiberglass insulation
- Vapour barrier
- ULC Listed as a Class 1 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
- High pressure duct

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. W.C)
Maximum Negative Pressure:	0.13 kPa (0.5 in. W.C)
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.

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).