

# SUBMITTAL DATA

## Flexmaster U.S.A.® Flex Duct Kits

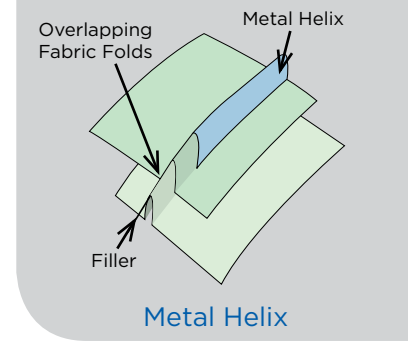
### Flex Duct Kits



(B) Black Polyethylene Vapor Barrier



(M) Reinforced Metalized Vapor Barrier



Technical Data	
Standard Lengths (ft)	5', 6', 7', Special lengths on request
Inside Diameter (in)	3", 4", 5", 6", 7", 8", 9", 10", 12", 14", 15", 16", 18", 20"
Inside Bend Radius (in)	1 x I.D. (all sizes)
Vapor Barrier Permeance	B - (.10) perm, M - (.05) perm A.S.T.M. E96, Procedure A
Test Standard	UL181
Tested By	Intertek/ETL
Certifications Met	Class 1 Air Duct, NFPA 90A and 90B, BOCA, SBBC, HUD/FHA, MIN Property Std.
Internal Working Pressure (w.g.)	See Liner Spec Sheet
Rated Velocity	5500 F.P.M.
Operating Temperature Range	-20° to +250°F
Flame/Smoke	25/50
Like the UL Mark, the ETL Listed Mark shows that our product has been independently tested by a Nationally Recognized Testing Laboratory (NRTL). It shows that it has met the requirements of widely accepted product safety standards and that we have agreed to periodic follow-up inspections to verify continued compliance.	

### Construction Features

The Flexmaster U.S.A.® Flex Duct Kits are manufactured to meet the highest quality standards in strength, permeability and fire resistance required in a flexible air duct. The Flex Duct Kits can be fabricated with a variety of different liners, including acoustical liners, which allow sound energy to penetrate the duct wall. Tested to UL standard 181, all Flex Duct Kit assemblies meet the ETL attachment requirements for flexible duct to sheet metal collars.

### Duct Helix

Made from corrosive resistant galvanized steel, the duct helix is mechanically formed to attach the duct fabric without the use of adhesives.

### Vapor Barrier

Available in a black polyethylene or reinforced aluminum material. Both are fire retardant, have excellent strength at low temperatures, and will not age harden.

### Insulation

Formaldehyde-free fiberglass insulation by Johns Manville.

### Optional Features

#### Liner Options:

- Type 1
- Type 3
- Type 4
- Type 5
- Type 6
- MGA TL

#### Vapor Barrier Options:

- (B) Black Polyethylene
- (M) Reinforced Metalized

#### Insulation Options:

- R6.0
- R8.0

Collar Options: standard 26

#### gauge

- |  |       |       |
|--|-------|-------|
| <input type="checkbox"/> Male          | End A | End B |
| <input type="checkbox"/> Female (std.) | _____ | _____ |
| <input type="checkbox"/> Worm Gear     | _____ | _____ |
| <input type="checkbox"/> Other         | _____ | _____ |

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