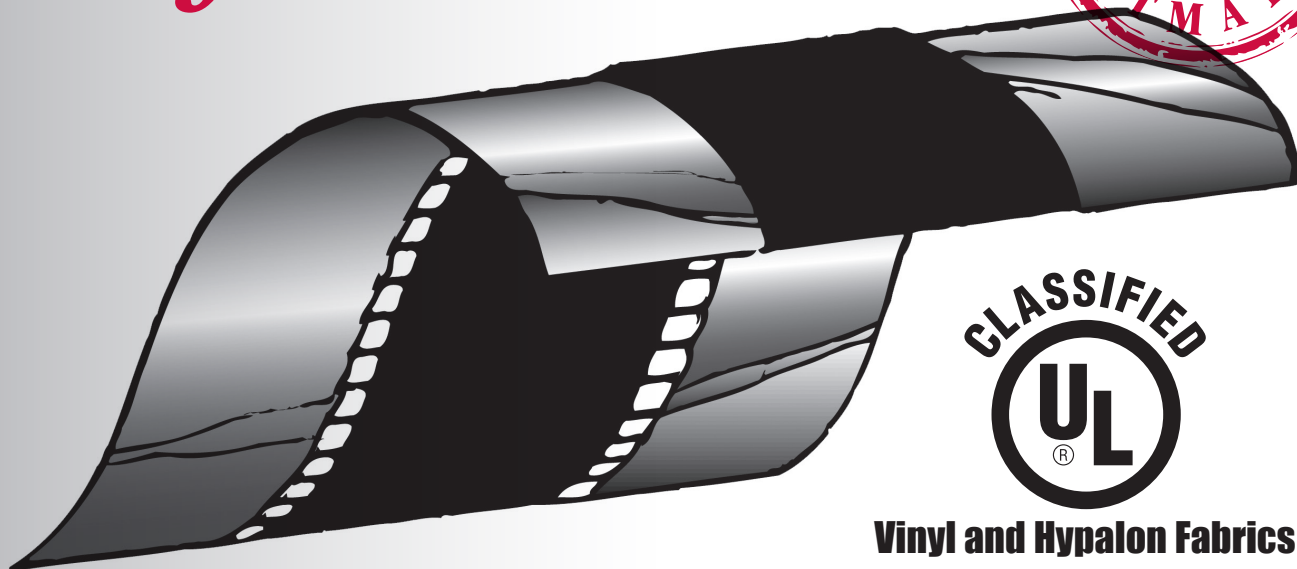


D U C T M A T E

Proflex™

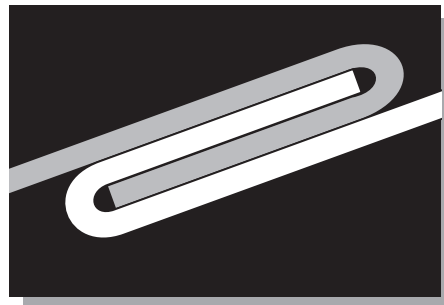
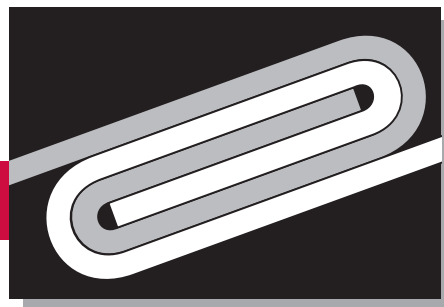
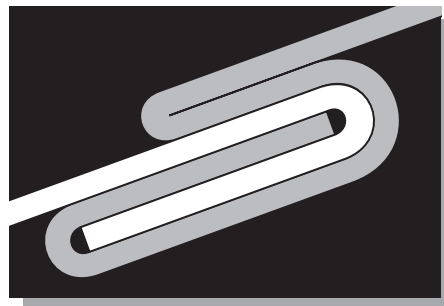


Vinyl and Hypalon Fabrics

Flexible Duct Connector

Vibration Dampening Duct Connector

- Commercial or residential applications
- Galvanized, galvanized, stainless steel, or aluminum metal
- Available in a variety of fabrics
- Pre-assembled with sheet metal permanently secured to fabric



DUCTMATE®
Industries
A DMI COMPANY

BASIC USE

Typically inserted between the machinery and the ductwork, Proflex is an airtight, flexible joint that isolates vibration to the source and reduces noise inside the duct system.

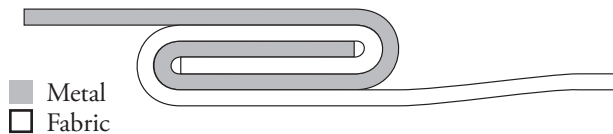


- Commercial or residential applications
- Galvanized, galvanized, stainless steel, or aluminum metal
- Available in a variety of fabrics
- Pre-assembled with sheet metal permanently secured to fabric

DESCRIPTION - Commercial

Flexible duct connector that eliminates duct system noises and vibrations for industrial and commercial applications.

Power Lock



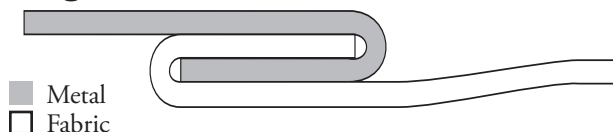
SPECIAL CHARACTERISTICS

- Double-lock gripping fingers of metal to fabric adds to holding power
- Airtight and waterproof at 10" positive w.g. to 10" negative w.g.
- 24 GA galvanized steel which meets ASTM-A-653-94-G60

DESCRIPTION - Single Fold

Flexible duct connector that eliminates duct system noises and vibrations for industrial, commercial and residential applications.

Single Fold



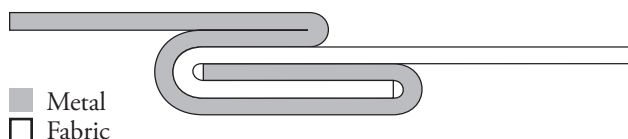
SPECIAL CHARACTERISTICS

- Airtight and waterproof at 10" positive w.g. to 10" negative w.g.
- 24 GA galvanized steel which meets ASTM-A-653-94-G60

DESCRIPTION - Residential

Flexible duct connector that eliminates duct system noises and vibrations for residential applications.

Protect Lock



SPECIAL CHARACTERISTICS

- Additional fold protects fabric when breaking
- Double-lock gripping fingers of metal to fabric adds to holding power
- Additional fold causes the fabric and metal to lay flat
- Airtight and waterproof at 10" positive w.g. to 10" negative w.g.
- 28 GA galvanized steel which meets ASTM-A-653-94-G60

ORDERING INFORMATION

Standard 100 ft. per carton.

Metal is available in galvanized, galvanized stainless and aluminum.

All fabrics are available without metal attached in various widths x 100 ft. per roll.

For other alloys, fabric sizes or chemical resistance information, consult your nearest Ductmate distributor or call Ductmate direct.

Commercial: 24 Gauge

Fabric	Size metal x fabric x metal	Part No.
Vinyl Super Duty	All fabrics available in: 3"x3"x3" 4"x4"x4" 3"x6"x3"	PFC*VS**
Neoprene		PFC*N**
Hypalon		PFC*H**
Silicone		PFC*S**
Teflon		PFC*T**

Single-Fold: 24 Gauge

Fabric	Size metal x fabric x metal	Part No.
Vinyl Super Duty	All fabrics available in: 4 1/2"x3"x4 1/2" 3"x6"x3" 3"x3"x3"	PFCS*VS**
Neoprene		PFCS*N**
Hypalon		PFCS*H**
Silicone		PFCS*S**
Teflon		PFCS*T**

Residential: 28 Gauge

Fabric	Size metal x fabric x metal	Part No.
Vinyl	All fabrics available in: 1 3/4"x3"x1 3/4"	PFRO3VSGA
Neoprene		PFRO3NGA
Hypalon		PFRO3HGA
Silicone		PFRO3SGA

Only available in galvanized

Part Number Key

*	Size	**	Alloy
3	3"x3"x3"	GA	Galvanized
T3	4 1/2"x3"x4 1/2"	GN	Galvanized
4	4"x4"x4"	AL	Aluminum
46	4"x6"x4"	S4	304 Stainless Steel
6	3"x6"x3"	S6	316 Stainless Steel

Fabric	LA Vinyl	Neoprene	Hypalon	Silicone
NFPA 90B	3x3x3 4x4x4	3x3x3 4x4x4 3x6x3	3x3x3 4x4x4	3x3x3 4x4x4 3x6x3

In accordance with NFPA 96, flexible duct connectors are not approved for use in grease duct applications.

FABRIC SPECIFICATIONS

VINYL SUPER DUTY (dual fabric)

Base Fabric:	Polyester/Polyester
Color:	Gray
Weight:	20 oz/sq.yd ± 2
Tearing Strength:	W: 65 lbs F: 70 lbs
Tensile Strength:	W: 425 lbs F: 280 lbs
Low Temperature:	-40°F
High Temperature:	200° F



Fabric
In Accordance With ANSI/NFPA701
Method 1
5UX2

- Strongest all-purpose fabric in the industry with excellent resistance to cuts, tears, and abrasion
- Flame resistant coating
- Resistant to weather and most chemicals
- Mildew resistant per ASTM G-21
- Meets NFPA 701

LA APPROVED VINYL SUPER DUTY (dual fabric)

Base Fabric:	Polyester/Polyester
Color:	Black
Weight:	20 oz/sq.yd ± 2
Tearing Strength:	W: 35 lbs F: 35 lbs
Tensile Strength:	W: 280 lbs F: 220 lbs
Low Temperature:	-40°F
High Temperature:	200° F

- Strongest all-purpose fabric in the industry with excellent resistance to cuts, tears, and abrasion
- Flame resistant coating
- Resistant to weather and most chemicals
- Mildew resistant per ASTM G-21
- Meets NFPA 701

HYPALON

Base Fabric:	Glass Cloth
Color:	White
Weight:	30 ± 2 oz/sq yd
Tearing Strength:	W: 25 lbs F: 20 lbs
Tensile Strength:	W: 475 lbs F: 375 lbs
Low Temperature:	-40°F
High Temperature:	200° F

- Ideal for outdoor applications and fume hoods
- Flame resistant coating
- Resistant to weather, most chemicals, fat, and oil
- UV Resistant
- Meets NFPA 701



Fabric
In Accordance With NFPA 701 (1999 Edition)
Method 2
5UX3

NEOPRENE

Base Fabric:	Glass Cloth
Color:	Black
Weight:	30 ± 2 oz/sq yd
Tearing Strength:	W: 40 lbs F: 30 lbs
Tensile Strength:	W: 395 lbs F: 255 lbs
Low Temperature:	-40°F
High Temperature:	200° F

- Ideal for fume hoods
- Flame resistant coating
- Resistant to weather, most chemicals, fat, and oil
- Mildew resistant per ASTM G-21
- Meets NFPA 701

SILICONE (silicone rubber coating)

Base Fabric:	Fiberglass Fabric
Color:	Silver
Weight:	30 oz/yd lbs +/- 2 oz/sq yd
Tearing Strength:	W: 90 lbs F: 90 lbs
Tensile Strength:	W: 372 lbs F: 372 lbs
Low Temperature:	-70°F
High Temperature:	500° F

- Highly durable
- Rubbery surface for grip
- Excellent flame resistance
- Non-combustible fabric
- Resistant to weather, most chemicals, water, and oil
- Meets NFPA 701
- Meets NFPA 90B

TEFLON

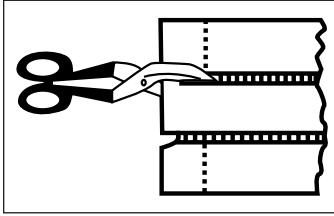
Base Fabric:	Glass Cloth
Color:	Gray
Weight:	18 +/- 1 oz/sq yd
Tearing Strength:	W: 20 lbs F: 20 lbs
Tensile Strength:	W: 410 lbs F: 355 lbs
Low Temperature:	-100°F
High Temperature:	600° F

- Excellent chemical resistance
- Excellent flexibility in extreme temperatures
- Flame resistant coating

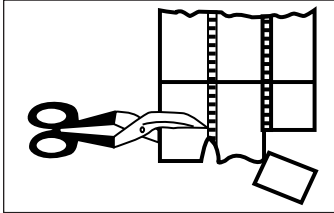
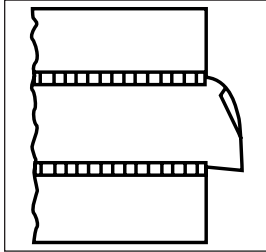
INSTALLATION

To seam flexible connector at corner of connector:

1. Cut through center of lock as indicated. Cut 1" to 1½" deep to allow sufficient lap.

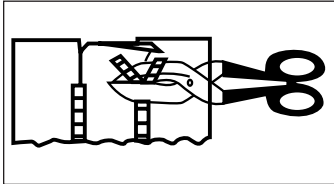
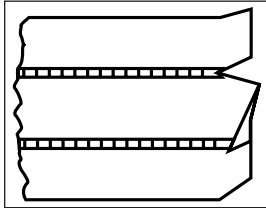


2. Option A:



Pull fabric free of lock. Snip severed lock as indicated. Ends of metal are now ready for bending and joining.

2. Option B:

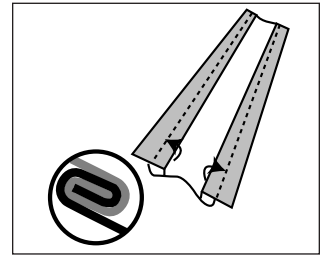


From edge of connector, cut away metal as indicated. Metal falls away exposing fabric ready for seaming.

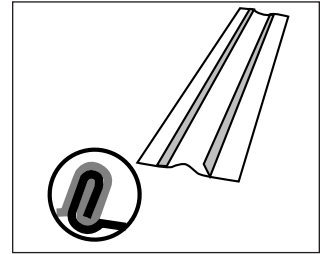
3. Put a liberal amount of sealant between the two fabric flaps and press the two pieces together to allow the sealant to spread out. Roll the flap ends together and staple the seal 1" O.C. (going through both pieces of fabric and the sealant). Allow a minimum of 24 hours curing time before flexing the connection.

To stiffen a flexible connector: (Recommended for Commercial applications)

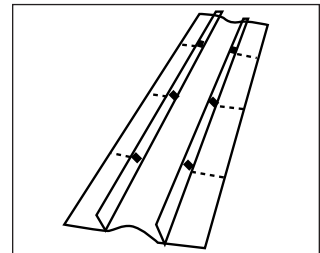
1. Lay out the connector as you normally do.



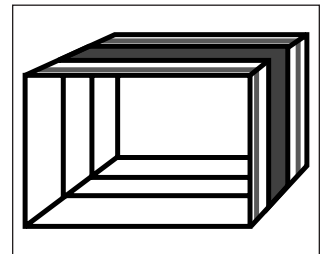
2. Bend seam up to 90° on brake as indicated in drawing.



3. Using heavy snips, notch standing seam at bend points.



4. Bend to form completed connector.



LIMITED PRODUCT WARRANTY

Ductmate warrants that PROflex, when properly installed and maintained, will be free from defects in material and workmanship, and will comply with all written specifications made by Ductmate at the time of sale. Ductmate's warranty shall run for a period of one year from the date of manufacture.

Warranty Limitation

The warranty stated above is in lieu of all other warranties, express or implied, including but not limited to the implied warranties of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Although Ductmate may have suggested the product, or provided written or oral advice to the Purchaser, it is the Purchaser's responsibility to test and determine the suitability of PROflex, or the intended use and purpose, and Purchaser and/or its customer assumes all risk and liability whatsoever regarding such suitability.

Limitation of Liability

In the event of a breach of the above warranty, Ductmate's sole obligation, and Purchaser's sole and exclusive remedy, shall be, at Ductmate's option, repair or replacement of any defective products, or refund of an applicable portion of the purchase price. Ductmate shall have no liability for costs of removal or reinstallation of the product. The Purchaser agrees that no other remedy, including but not limited to loss of profits, loss sales, injury to person or property, or any other special, incidental or consequential damages, shall be available to the Purchaser for any claim arising out of this Agreement, regardless of whether such claim is made in contract or in tort, including strict liability in tort. In no event will Ductmate be obligated to pay damages to the Purchaser in any amount exceeding the purchase price that the Purchaser paid to Ductmate for the allegedly defective product.



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