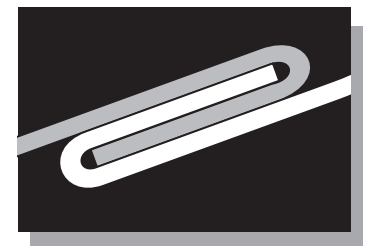
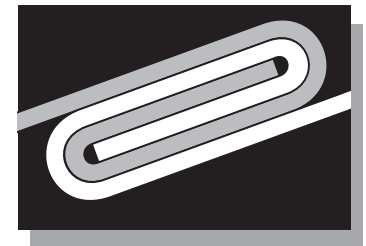
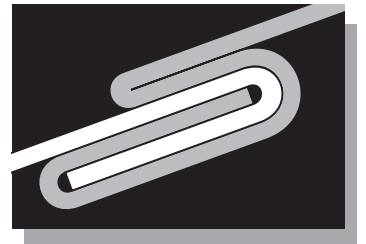
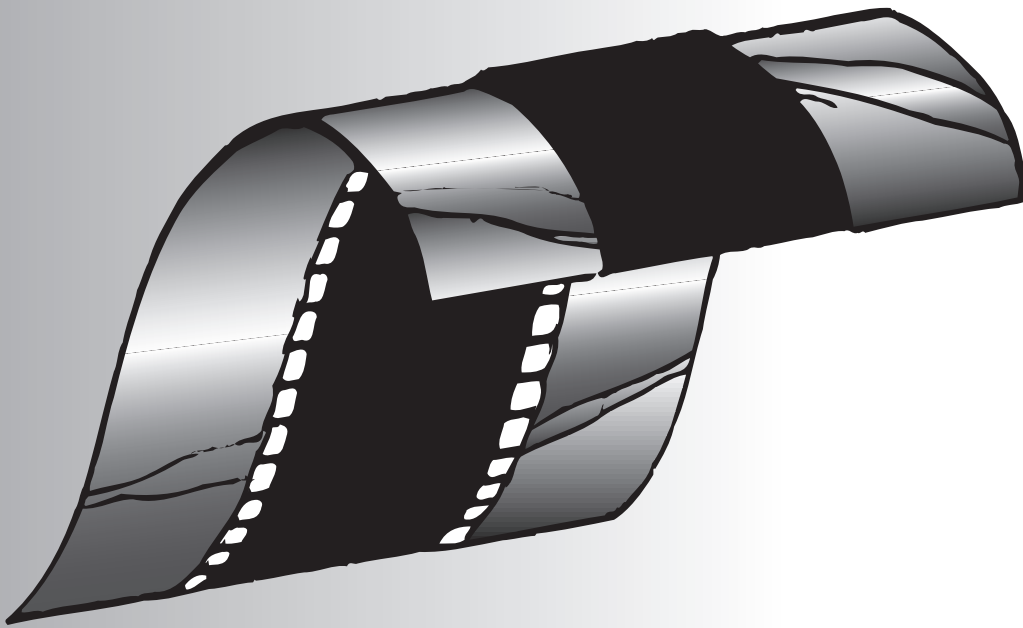


# Ductware

## PROFlex™

by Ductmate

### Flexible Duct Connector



#### Vibration Dampening Duct Connector

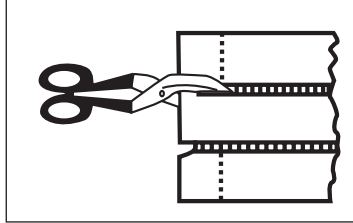
- Commercial or residential applications
- Galvanized, stainless steel or aluminum metal
- Available in a variety of fabrics
- Pre-assembled with sheet metal permanently secured to fabric

Ductware®  
Productivity solutions with green results

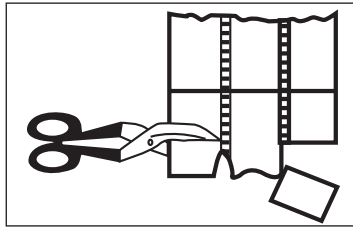
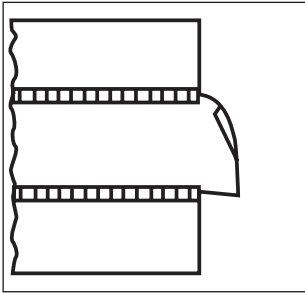
### INSTALLATION INSTRUCTIONS

To seam flexible connector at corner of connector:

1. Cut through center of lock as indicated. Cut 25mm to 38mm deep to allow sufficient lap.

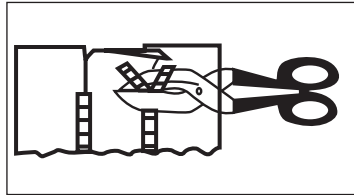
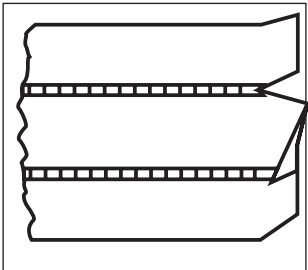


2. Option A:



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

2. Option B:



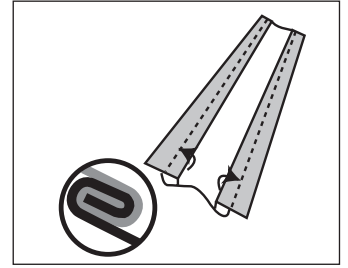
From edge of connector, cut away metal as indicated. Metal falls away exposing fabric ready for seaming.

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 25mm O.C. (going through both pieces of fabric and the sealant). Allow a minimum of 24 hours curing time before flexing the connection.

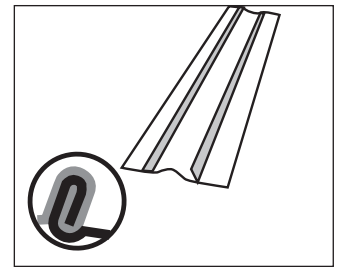
To stiffen a flexible connector:

(Recommended for Commercial applications)

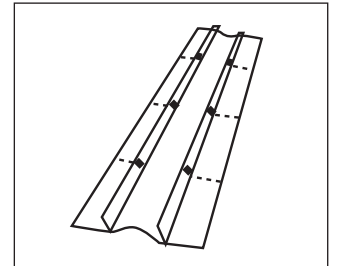
1. Lay out the connector as you normally do.



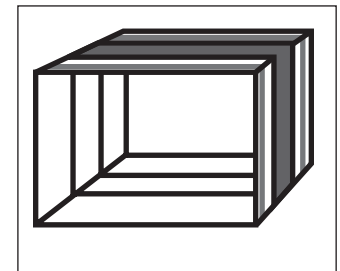
2. Bend seam up to 90° on brake as indicated in drawing.



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



4. Bend to form completed connector.



### DESCRIPTION - COMMERCIAL

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

### 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.

### SPECIAL CHARACTERISTICS

- Double-lock gripping fingers of metal to fabric adds to holding power
- Designed to meet NFPA 90A & 90B specifications
- Airtight and waterproof
- Galvanized steel which meets ASTM-A-653-94-G60
- Fabrics meet NFPA 701 (except Teflon)

### ORDERING INFORMATION

#### COMMERCIAL

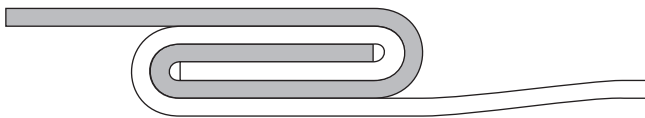
FABRIC	SIZE metal x fabric x metal	GAUGE metal	PART No.
Vinyl Super Duty	All Fabrics	24	PFC**VSGA
Neoprene Commercial	available in:	24	PFC**NGA
Hypalon	75x75x75mm	24	PFC**HGA
Silicone	100x100x100mm	24	PFC**SGA
Teflon	75x150x75mm	24	PFC**TGA

\*\* = fabric size 3", 4" or 6"

- Standard 30.5 metre per carton.
- Metal is available in galvanized, stainless and aluminum.
- For other alloys, fabric sizes or chemical resistance information, consult your nearest Ductware office.

### PRODUCT GUARANTEE

All Proflex flexible duct connectors are guaranteed against defective material.



### DESCRIPTION - RESIDENTIAL PRO-TECT

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

### 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.

### 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
- Designed to meet NFPA 90A & 90B specifications
- Airtight and waterproof
- 28 gauge galvanized steel which meets ASTM-A-653-94-G60
- Fabrics meet NFPA 701 (except Teflon)

### ORDERING INFORMATION

#### RESIDENTIAL

FABRIC	SIZE metal x fabric x metal	GAUGE metal	PART No.
Vinyl	All Fabrics	28	PFRO3VGA
Neoprene Residential	available in:	28	PFRO3NGA
Hypalon		28	PFRO3HGA
Silicone	45x75x45mm	28	PFRO3SGA

#### ECONOMY

FABRIC	SIZE metal x fabric x metal	GAUGE metal	PART No.
Vinyl	All Fabrics	28	PFE04VGA
Neoprene Residential	available in:	28	PFE04NGA
Hypalon		28	PFE04HGA
Silicone	70x100x70mm	28	PFE043SGA

- Standard 30.5metre per carton
- Metal is available in galvanized, stainless and aluminum.
- For other alloys, gauges, fabric sizes or chemical resistance information, consult your nearest Ductware office.

### PRODUCT GUARANTEE

All Proflex flexible duct connectors are guaranteed against defective material.

## FABRIC SPECIFICATIONS

### VINYL RESIDENTIAL (coated fabric)

Base Fabric:	woven polyester
Colour:	black
Weight:	441 g/m <sup>2</sup>
Tongue Tear:	343x343 N
Tensile Strength:	979x979 N
Low Temp:	-20°C
High Temp:	71°C

### FEATURES:

- Economical all-purpose fabric with excellent resistance to cuts, tears or abrasions
- Flame retardant coating
- Resistant to weather and most chemicals
- Not affected by mildew
- Meets NFPA 701

### VINYL SUPER DUTY™ (coated fabric)

Base Fabric:	woven nylon
Colour:	black
Weight:	746 g/m <sup>2</sup>
Tongue Tear:	667x667 N
Tensile Strength:	2224x1779 N
Low Temp:	-40°C
High Temp:	93°C

- Strongest all-purpose fabric in the industry with excellent resistance to cuts, tears or abrasions
- Flame retardant coating
- Resistant to weather and most chemicals
- Not affected by mildew
- Meets NFPA 701
- Conforms to UL requirements

### NEOPRENE COMMERCIAL (coated fabric)

Base Fabric:	woven fibreglass
Colour:	black
Weight:	1017 g/m <sup>2</sup>
Tongue Tear:	111x89 N
Tensile Strength:	2224x2224 N
Low Temp:	-40°C
High Temp:	93°C

- Ideal for kitchen exhaust & fume hoods
- Fire retardant coating with non-combustible fabric
- Resistant to weather and most chemicals, fat, grease and oil
- Not affected by mildew
- Meets NFPA 701

### NEOPRENE RESIDENTIAL (coated fabric)

Base Fabric:	woven fibreglass
Colour:	black
Weight:	814 g/m <sup>2</sup>
Tongue Tear:	111x89 N
Tensile Strength:	2224x2224 N
Low Temp:	-40°C
High Temp:	93°C

- Ideal for kitchen exhaust & fume hoods
- Fire retardant coating with non-combustible fabric
- Resistant to weather and most chemicals, fat, grease and oil
- Not affected by mildew
- Meets NFPA 701

### HYPALON (coated fabric)

Base Fabric:	woven fibreglass
Colour:	white
Weight:	814 g/m <sup>2</sup>
Tongue Tear:	89x67 N
Tensile Strength:	2224 x2224 N
Low Temp:	46°C
High Temp:	121°C

- Ideal for outdoor applications; kitchen exhaust & fume hoods
- Flame proof coating with non-combustible fabric
- Resistant to weather and most chemicals, fat, grease and oil
- UV Resistant
- Not affected by mildew
- Meets NFPA 701

### SILICONE (coated fabric)

Base Fabric:	satin weave fibreglass
Colour:	aluminium
Weight:	900 g/m <sup>2</sup>
Tongue Tear:	223x178N
Tensile Strength:	350N/5cm (Warp)
Tensile Strength:	3065N/5cm (Weft)
Flammability (AS 1668.1.1991)	0
Ignitability Index (Range 0-20)	0
Flame Spread Index (Range 0-20)	0
Heat Evolved Index (Range 0-10)	0
Smoke Developed Index (Range 0-10)	1
Low Temp:	-73°C
High Temp:	500°C

- Ideal for high temp applications
- Flame proof coating with non-combustible fabric
- Resistant to weather and most chemicals
- Adversely affected by gas, Toluene, Acetone and grease
- Not affected by mildew
- Meets NFPA 701
- FFDC A Approved for use near food prep

### TEFLON® (coated fabric)

Base Fabric:	woven fibreglass
Colour:	gray
Weight:	633 g/m <sup>2</sup>
Tongue Tear:	267x178 N
Tensile Strength:	1779/1334 N
Low Temp:	-55°C
High Temp:	260°C

- Excellent chemical resistance
- Excellent flexibility in extreme temperatures
- Flame proof coating with non-combustible fabric
- Not affected by mildew
- FFDC A Approved for use near food prep