
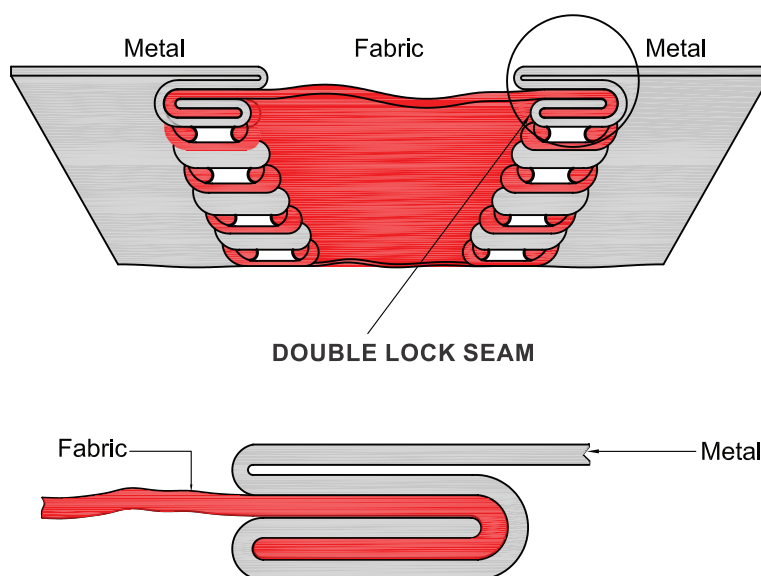


# FLAME RESISTANT FLEXIBLE DUCT CONNECTORS RFDC

CODE	PROPERTIES	SALIENT FEATURES
<b>VINYL POLYESTER FABRIC</b> - 40°C~120°C  RFDC - PV	Coating : Vinyl Colour : Blue GSM : 576 Tensile Strength (N/cm) : 1080 x 1000 Tear Strength (N) : 450 x 450 Fire Rating : ASTM E 84 Class I NFPA 701 (UL214)	<ul style="list-style-type: none"> <li>• Vinyl is the most commonly used fabric for all air duct installation due to its high tear strength and high abrasion resistance.</li> <li>• Recommended for low to medium pressure duct work system.</li> <li>• Airtight, Humidity Proof and Waterproof construction.</li> </ul>
<b>NEOPRENE GLASS FABRIC</b> - 30°C~160°C  RFDC - NG	Coating : Neoprene Colour : Black GSM : 630 Tensile Strength (N/cm) : 2500 x 3000 Tear Strength (N) : 55 x 55 Fire Rating : ASTM E 84 Class I NFPA 701 (UL214)	<ul style="list-style-type: none"> <li>• Neoprene is recommended for use in application where high mechanical strength is required.</li> <li>• Neoprene is extremely resistant to most alkalies, gasoline and toxic fumes.</li> <li>• Airtight, Humidity Proof and Waterproof construction.</li> <li>• Resistant to Ultra Violet Rays</li> </ul>
<b>SILICONE GLASS FABRIC</b> - 30°C~250°C  RFDC - SG	Coating : Silicone Colour : Gray GSM : 560 Tensile Strength (N/cm) : 2500 x 3000 Tear Strength (N) : 270 x 220 Fire Rating : ASTM E 84 Class I NFPA 701 (UL214)	<ul style="list-style-type: none"> <li>• Silicone Rubber coating which has excellent resistance to high and low temperatures. Silicone is extremely resistant to chemicals and ozone, and emits very low smoke when burnt.</li> <li>• Resistant to Ultra Violet Rays</li> <li>• Recommended for applications where high temperature is of main concern in both indoor and outdoor installations.</li> <li>• Recommended</li> <li>• Airtight, Humidity Proof and Waterproof construction.</li> </ul>

# FLAME RESISTANT FLEXIBLE DUCT CONNECTOR RFDC



## DUCT CONNECTORS

Code Suffix	Standard Sizes (mm)		
	METAL	FABRIC	METAL
45 M 075 F	45	75	45
70 M 100 F	70	100	70
70 M 150 F	70	150	70

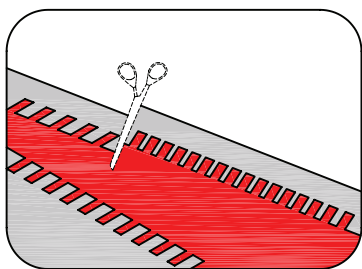
## DUCT FABRICS



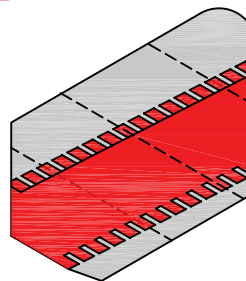
Available in standard / customized Rolls in widths upto 1500 mm and lengths upto 50 M

# FLAME RESISTANT FLEXIBLE DUCT CONNECTORS RFDC

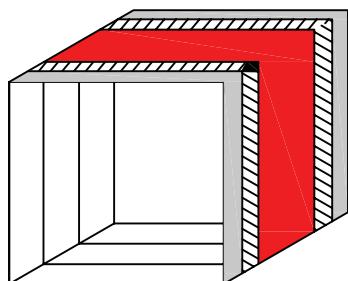
## JOINING PROCEDURE



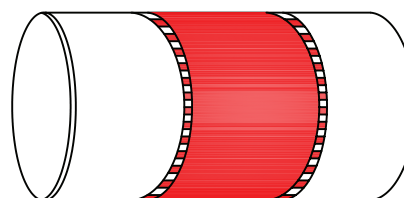
1. Remove the roll from the box, and cut the connector to the required length.



2. Make notches at the points where bending is required.

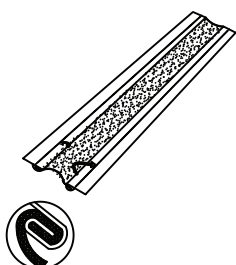


3. Bend the connector to form the required square / rectangular shape.

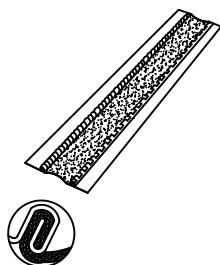


4. Or bend the connector to form the required round shape.

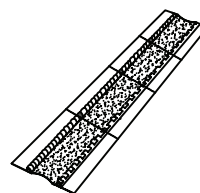
## HOW TO STIFFEN FLEXIBLE CONNECTOR



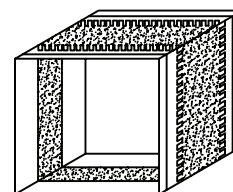
1. Lay out connector as you normally do



2. Bend the seam upwards to an angle of 90°.

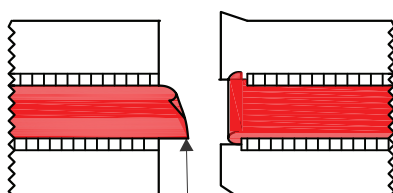


3. Using heavy snips, notch standing seam at bend points.



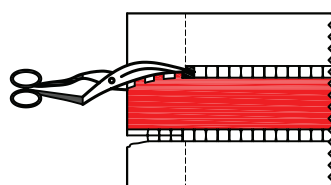
4. Bend to complete Connector.

## HOW TO SEAM FLEXIBLE CONNECTOR

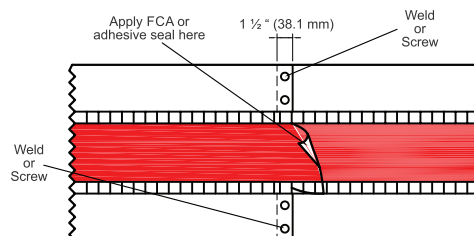


25 mm to 38 mm

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



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



3. Put a liberal amount of adhesive Pidilite S.R. 505 on the two fabric flaps, dry for 1 minute & press the two pieces together. Roll the flap ends together & staple the seal.

Authorised Distributor

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