

# Flexible Duct Connector



- Suitable for high, medium and low pressure applications.
- Suitable for use with duct flange profiles.
- Meets the requirements of DW142/144.
- Economical 25 metre cartons.

### Construction

The Flexible duct connector is manufactured from corrosion resistant **galvanised sheet** steel together with PVC (DDFDC) or Neoprene coated fabric (DDFDC-75), dependent upon the technical performance required.

The fabric is mechanically locked to the metal in such a way as to ensure that no sharp edges cut the material and without the use of any adhesives.

### Description

The Flexible duct connector is designed to enable flexible joints of any size to be easily and economically formed in the factory or on site, as required.

Flexible joints should be installed between fans (or similar equipment) to prevent the transmission of vibration, noises and rattles to the remainder of the air conditioning system. Flexible duct connector type **DDFDC-75** IS fire resistant and comply with the requirements of BS476 Part 7 (Rated class 1).

### Assembly

Cut a length 100mm longer than required perimeter. Cut through centres of fabric/metal locks 50mm on each end of this piece.

On one end, snip several locks and pull fabric free of locks. On other end, cut away 50mm of metal, exposing fabric. Metal can be screwed, rivetted or welded.

Fabric can be fastened by adhesive or staples. We recommend that the notched face be turned to the inside of the duct.

### Product Range

DDFDC – PVC coated polyester cloth

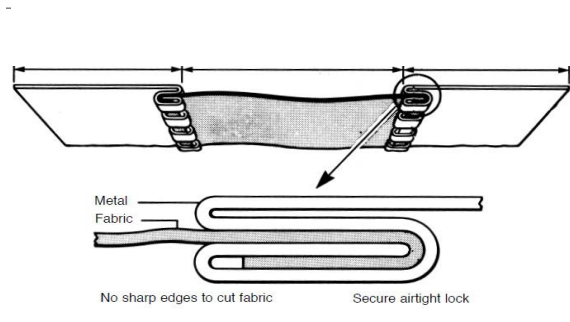
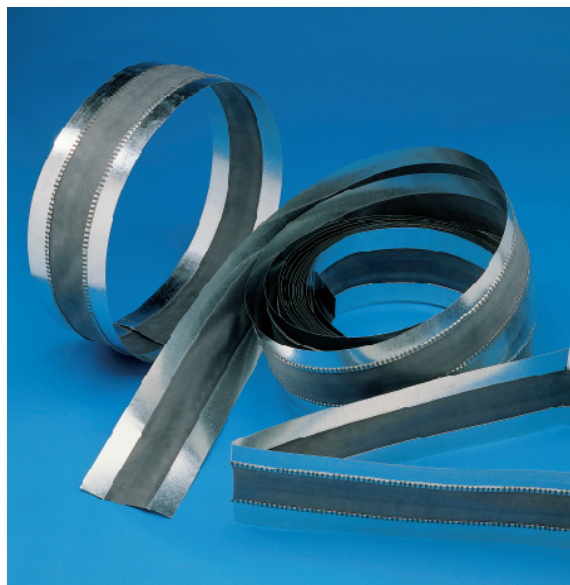
45mm x 60mm x 45mm x 25metre rolls (Or per mtr)

DDFDC-75 – neoprene type coating on glass fibre cloth for temperatures up to 100°C.

45mm x 75mm x 45mm x 25 metre rolls (Or per mtr)

### Fire Resistance

**The fabrics used in the construction of DDFDC-75 have achieved the necessary criteria set out in BS476 Part 7 (surface spread of flame) and have a class 1 rating.**



### Technical Data

	DDFDC	DDFDC-75
Metal	0.4mm	0.4mm
Base cloth	Polyester	Glass fibre
Coating Type	PVC	Neoprene
Fabric Weight	550-600 gm/m <sup>2</sup>	590 gm/m <sup>2</sup>
Fabric colour	Grey	Black
Tensile Strength		
- warp	200 daN/5cm	360 daN/5cm
- weft	150 daN/5cm	210 daN/5cm
Tear Strength		
- warp	250N	20N
- weft	250N	10N
Fire Resistance	-	BS476 Pt7, Class 1
Temperature	-30°C to +70°C	-20°C to +100°C