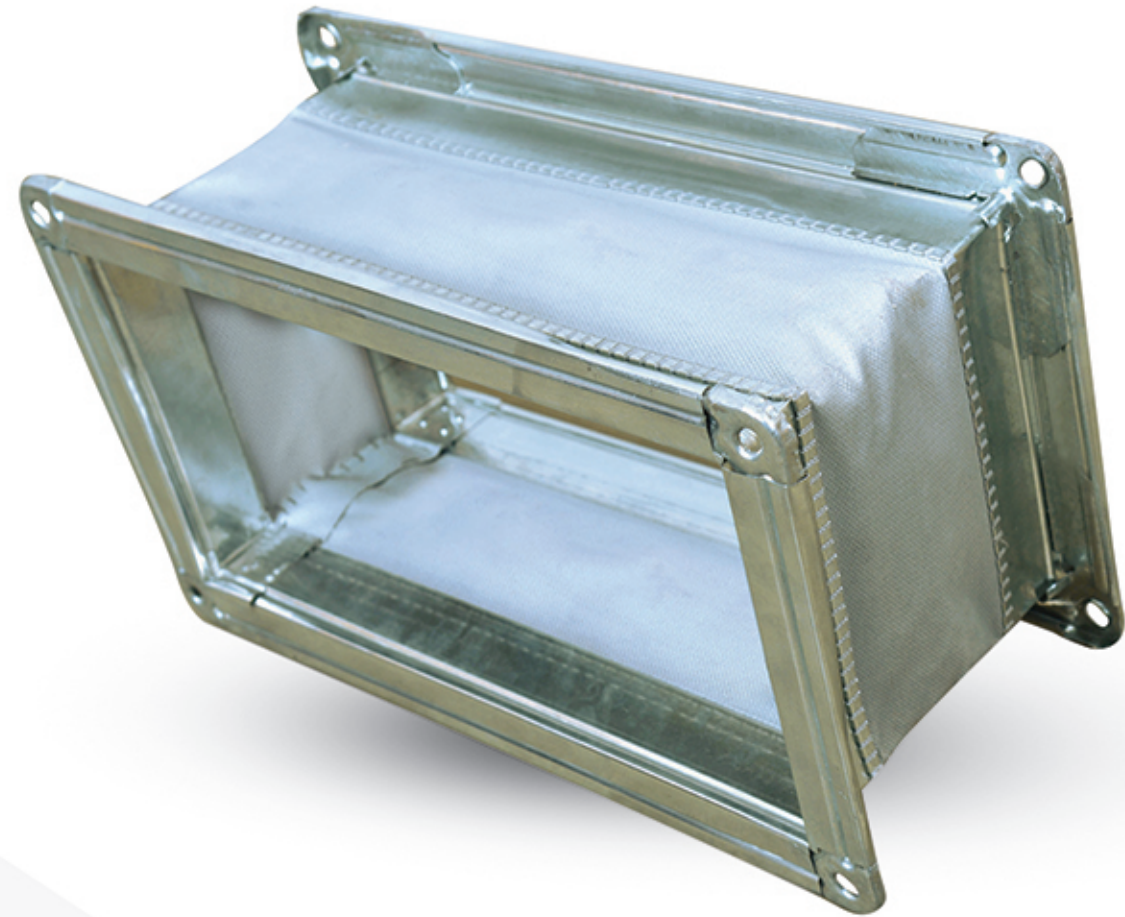


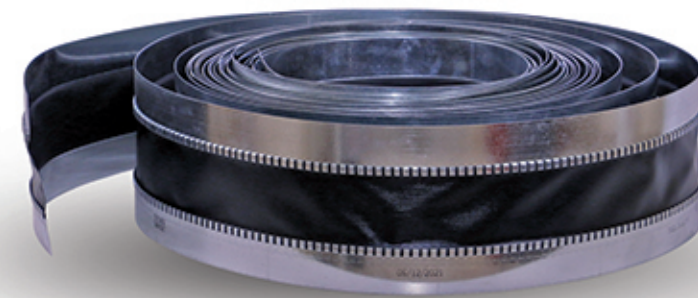
TECHNO FLEX™

Ready-Made Flexible Duct Connector



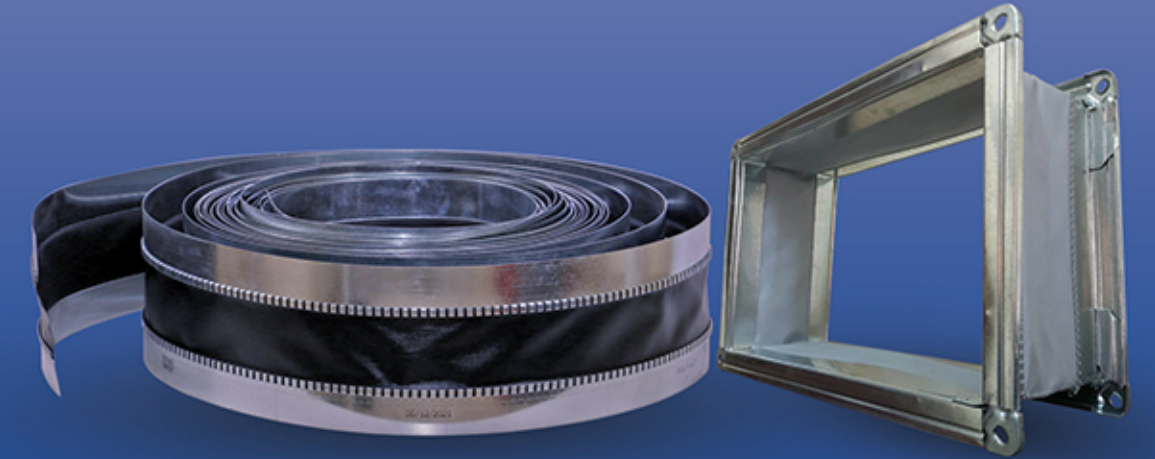
TECHNO FLEX™

Ready-Made Flexible Duct Connector



TECHNO FLEX

Flexible Duct Connector &
Ready-Made Flexible Duct Connector



TSD



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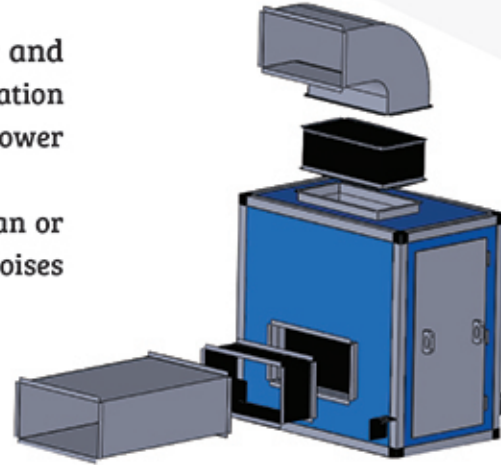


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TECHNO FLEX™

Flexible Duct Connector

Flexible Duct Connector For Eliminating duct System Noise and Vibrations All air duct installation for Heating, Cooling or Ventilation are attached to mechanical equipment containing a fan or blower (AHU, FCU, EX. Fan, Fresh air Fan,.....etc.). Vibrations, Noises and Rattles resulting from operation of the fan or blower are transmitted into the metal ducts which carry the noises throughout the system.



Applications:

In order to Isolate the noise and vibrations from the source, an air tight flexible joint (connector) consisting of a special fabric which is attached to sheet metal on both sides, must be inserted between the equipment and the ductwork, this flexible joint is called a Flexible Duct Connector.

Double Lock:

The seam which is connecting the steel sides with the fabric must be strong and airtight.



- 1** Fabric with PVC coating is the most commonly used for all air duct installations due to its high strength and high abrasion resistance, airtight and waterproof construction.
- 2** Fabric with polyurethane coating is extremely suitable for most of applications where a good temperature resistance and high chemical resistance, airtight and waterproof construction.
- 3** Fabric with silicone coating has a special silicone rubber coating that has excellent resistance to high and low temperatures, silicon is extremely resistant to chemicals and ozone, and emits very low smoke emission and waterproof construction.

Fabric Features:

TECHNO FLEX™

Construction:

Different combination of metal / fabric are available to provide the optimum solution, high performance and economy



	Techno Flex PVC	Techno Flex PU	Techno Flex Silicone
Construction	Galvanized Steel Strip – Coated Fabric - Galvanized Steel Strip **(Stainless Steel Strips is available with Special order)		
Galvanized Steel Strip Thickness	0.40 mm (± 0.05 mm) **(Other thicknesses are available with Special order)		
Basic Fabric	Polyester	Fiber Glass	Fiber Glass
Coating	PVC on both sides	PU on both sides	Silicone on both sides
Color	Black	Grey	Silver Grey
Temperature Range	From -30 °C to +80 °C	From -30 °C to +180 °C Tolerates 200 °C for short periods	From -40 °C to +250 °C Tolerates 280 °C for short periods
Coated Fabric Thickness	0.50 mm (± 0.05 mm)	0.42 mm (± 0.05 mm)	0.42 mm (± 0.05 mm)
Coated Fabric Weight	550g/m2 (±50g)	550g/m2 (±30g m2)	510g/m2 (±30g m2)
Standard Dimensions	45 mm x 75 mm x 45 mm , 70 mm x 100 mm x 70 mm and 45 mm x 100 mm x 45 mm **(Other Steel / Fabric Dimensions are available with Special order)		
Standard Length	25 m for Egyptian Market and 100 Ft (30 m) for Gulf Market		
Paking	Double Reinforced Cardboard Box + Duplex with UV Protection		
Fire Resistance	Fire Retardant - Self Extinguishing	Non - flammable - M0 Approval	Non - flammable - M0 Approval, A2-S2,d0 ****
Certificate			

Notes:

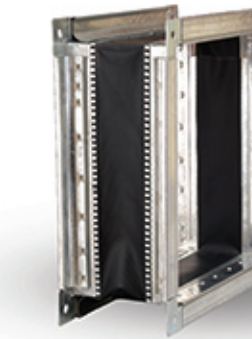
*PU: Polyurethane
 **Special Order: Minimum Order Quantity "MOQ" will be required
 *** A2 for fire behavior S2 for smoke production & d0 for flaming droplets

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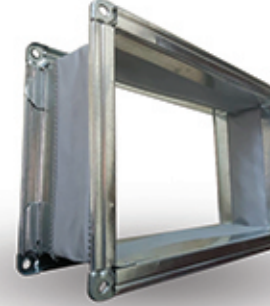
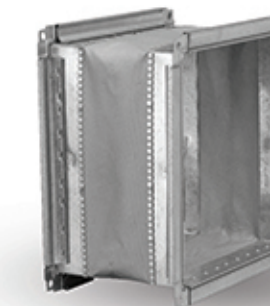
Ready-Made Flexible Duct Connector

The fastest way to install the flexible duct connector between your duct work and HVAC equipments (AHU, FCU, FAF, EXF).It is TDF from both sides.

Old Solution



New Solution



Slip on flange from both sides

Roll on flange from both sides (TDF)

Other Features:

- Easy and quick to be installed.
- More tight that the old solution.
- No scrap (comparing with buying carton of duct connectors).
- Fabricated by CNC machine, So the dimensions of Ready-made flexible duct connector is very accurate.