

TECHNICAL SPECIFICATION

Structure	Galvanized Steel Plate + Coated Fabric + Galvanized Steel Plate
METAL SHEET	-
Metal Sheet Type	Galvanized Steel
Metal Sheet Thickness	400 micron
Metal Sheet Gauge	30 gauge
Available Widths	35-45-70 mm
COATED FABRIC	-
Base Fabric	Fiberglass
Coating	Both sides silicone
Coated Fabric Weight	560 g/m ²
Coated Fabric Thickness	430 micron
Tensile Strength (Warp)	2400 N / 5 cm
Tensile Strength (Weft)	1900 N / 5 cm
Color	Grey
Temperature Range	-30 °C / +250 °C
Fire Resistance	Non-Combustible (Fabric) - Fire Retardant (Coating)
Locking System	Safe Seam
Standart Length	25m
Packing	Single Cardboard Box

GENERAL FEATURES

HVAC system carries the conditioned and fresh air to the occupants of a building. Meantime, the operation of the fan or blower used as the mechanical part of the system creates noise and vibration. This noise and vibration is also carried by metal ducts throughout the whole system. Flexible duct connectors are used between mechanical equipment and ductwork in order to keep the noise and vibration at the source and in order not to transmit it to the ductwork.

Higher the elasticity, higher the vibration isolation ability for the flexible duct connector. Hence elastomeric materials are used as the flexible connector material. AFSCONNECTOR[SILICONE] is produced using silicone coated fiber class.

APPLICATION

AFSCONNECTOR[SILICONE] is specifically designed for heating, cooling, ventilation and air conditioning systems.

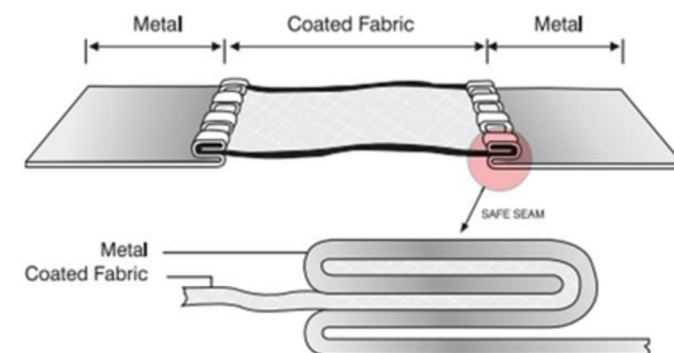
AFSCONNECTOR[SILICONE] is used to connect mechanical equipment and rigid air duct or two rigid air ducts, providing dampening against vibration and absorbing lateral movements.

GENERAL PROPERTIES

- › AFSCONNECTOR[SILICONE] is leak proof (airtight & waterproof).
- › They are suitable for rectangular, oval and circular applications and easy to install.

LOCKING SYSTEM

AFSCONNECTOR[SILICONE] is produced using a special SAFE SEAM technique from galvanized steel plate + coated fabric + galvanized steel plate. The SAFE SEAM clamp system ensures that the coated fabric and the galvanized steel plates are inseparable.



SPECIAL SIZE

100x120x100 mm AFS CONNECTOR[SILICONE]'s wide galvanized steel plates make it compatible with roll forming and flange manufacture systems.



PACKING DETAILS (40 HC / TRUCK)

STANDARD SIZES

Metal + Fabric + Metal (mm x mm x mm)	Length (m)	Box Dimensions (mm x mm x mm)	Pallet Size (cm x cm x cm)	Boxes/Pallet
35 x 60 x 35	25	430 x 180 x 430	100 x 110 x 205	50
35 x 60 x 35	50	500 x 180 x 500	104 x 110 x 233	50
45 x 60 x 45	25	430 x 180 x 430	100 x 110 x 205	50
45 x 60 x 45	50	500 x 180 x 500	104 x 110 x 233	50
45 x 75 x 45	25	430 x 180 x 430	100 x 110 x 205	50
45 x 75 x 45	50	500 x 180 x 500	104 x 110 x 233	50
70 x 100 x 70	25	430 x 250 x 430	100 x 110 x 205	32
70 x 100 x 70	50	500 x 250 x 500	100 x 110 x 240	34

SPECIAL SIZES

(subject to minimum order quantity)

Metal + Fabric + Metal (mm x mm x mm)	Length (m)	Box Dimensions (mm x mm x mm)	Pallet Size (cm x cm x cm)	Boxes/Pallet
45 x 100 x 45	25	430 x 180 x 430	100 x 110 x 205	50
45 x 100 x 45	50	500 x 180 x 500	104 x 110 x 233	50
45 x 150 x 45	25	430 x 250 x 430	100 x 110 x 205	34
45 x 150 x 45	50	500 x 250 x 500	100 x 110 x 240	34
50 x 60 x 50	25	430 x 180 x 430	100 x 110 x 205	50
50 x 60 x 50	50	500 x 250 x 500	100 x 110 x 240	34
50 x 150 x 50	25	430 x 250 x 430	100 x 110 x 205	32
70 x 150 x 70	25	430 x 300 x 430	100 x 110 x 205	32
70 x 200 x 70	25	430 x 300 x 430	100 x 110 x 205	32