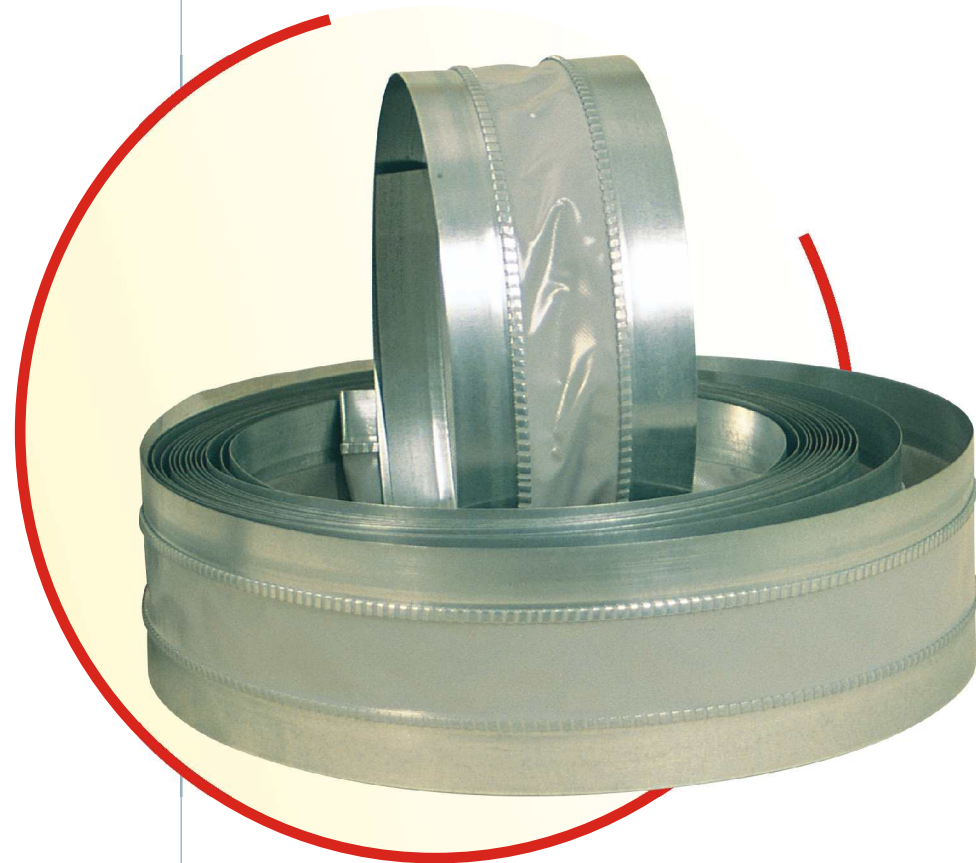


AFS CONNECTOR

FLEXIBLE CONNECTION ELEMENTS



AFS CONNECTOR flexible connection elements are specifically designed for heating, cooling, ventilation and air conditioning systems. **AFS** CONNECTORs are used to connect mechanical equipment and rigid air ducts or two rigid air ducts, providing vibration dampening and absorbing lateral movement. They are produced using a special double-lock technique from galvanized steel plate + flexible material + galvanized steel plate. **AFS** CONNECTORs can be produced having inserts of PVC, NEOPRENE, HYPALON, SILICON or CANVAS as required by application.



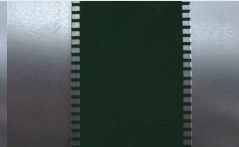
The double lock clamp system ensures that the reinforced flexible material and the galvanized steel plate are inseparable. **AFS** CONNECTORs are also leakproof.

Suitable for rectangular, oval and circular applications, they are easy to install.

ADVANTAGES

- Low installation cost
- Low operational cost
- Energy efficient
- Easily stored
- Easily transported
- Easily installed
- Maintenance free

TECHNICAL PROPERTIES

					
	Neoprene	PVC	Hypalon	Silicone HI-T	Canvas
Construction*	Galvanized steel plate + Reinforced NEOPRENE + Galvanized steel plate	Galvanized steel plate + Reinforced PVC + Galvanized steel plate	Galvanized steel plate + Reinforced HYPALON + Galvanized steel plate	Galvanized steel plate + Reinforced SILICONE + Galvanized steel plate	Galvanized steel plate + CANVAS + Galvanized steel p.
Steel plate thickness	400 micron	400 micron	400 micron	400 micron	400 micron
Base material	Fiberglass	Polyester	Fiber glass	Fiber glass	Cotton
Coating	NEOPRENE (both sides)	PVC (both sides)	HYPALON (both sides)	SILICONE (both sides)	Paraffin (both sides)
Overall weight	570 gr/m ²	600 gr/m ²	650 gr/m ²	560 gr/m ²	850 gr/m ²
Overall thickness	450 micron	420 micron	450 micron	590 micron	450 micron
Tensile strength	1800 x 1420 N	980 x 850 N	1800 x 1420 N	890 x 668 N	800 x 600 N
Burst strength	4100 kPa	1950 kPa	4100 kPa	2690 kPa	1200 kPa
Tear strength	100 x 80 N	245 x 117 N	100 x 80 N	223 x 178 N	100 x 80 N
Fire resistance	Self-extinguishing	Fire retardant	Self-extinguishing	Incombustible	Flammable
Temperature range	- 37° C / + 112 °C	- 30° C / + 80° C	- 46° C / + 180° C	- 51° C / + 260° C	+ 80° C
Standard length**	25 m	25 m box	25 m	25 m	25 m
Packing	Single, cardboard box		Single, cardboard box	Single, cardboard box	Single, cardboard box

STANDARD DIMENSIONS

35 mm + 60 mm + 35 mm
45 mm + 60 mm + 45 mm
45 mm + 75 mm + 45 mm
45 mm + 150 mm + 45 mm
70 mm + 100 mm + 70 mm

*Stainless steel or aluminium is available as an option

**50 meter or other lengths are available on request.