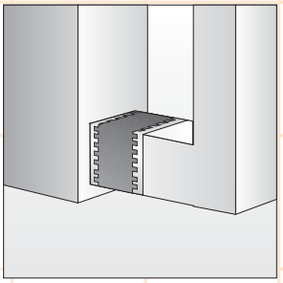
Easyflex™ Flexible Duct Connector - Insulated

Introduction :

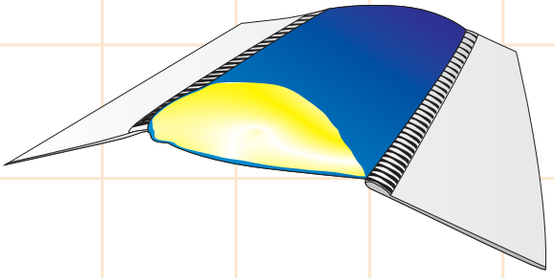


All air duct installations for heating, cooling or ventilation are attached to mechanical equipment containing a fan or blower. This equipment causes vibrations and noises which are transmitted in the metal ducts throughout the installation. In order to isolate vibrations and noises caused by air handling units, fans and other equipment. It is highly recommended to install an airtight flexible joint between the outlet of the devices and the airduct. This joint, consisting of a fabric which is attached to sheet metal on both sides is called a "Flexible Duct Connector". It is necessary to select an airtight and flexible cloth with good weathering qualities and which can temperatures inside and outside the duct. Easyflex flexible duct connectors are perfect for this job.

Related NFPA 90A & 90B Standards :
2-3.2.2 Vibration isolation connectors in duct systems shall be made of an approved flame retardant fabric or shall consist of sleeve joints with packing of approved material, each having a flame spread rating of not over 25 and a smoke developed rating of not higher than 50.

Isolex

- ⇒ Made of fiberglass insulation between two layers of fabrics.
- ⇒ "R" value : 4.5
- ⇒ Insulation thickness : 1" (25mm)
- ⇒ Insulation density : 1-1/2 lbs/cft
- ⇒ High temp. : 160°F (70°C)



Standard Fabrics

Fabric	Robust RO	EO-(Neoprene)	PU-(Polyurethane)	SI-(Silicona)
Backing	Polyester	Glassfiber	Glassfiber	Glassfiber
Coating	PVC	Neoprene	Polyurethane	Silicone
Colour	Dark grey / Black	Black	Aluminium grey	Aluminium grey
Fire Resistance		BS 476 Part 7 Class 1 M1	400°C/2h - M0	BS 476 Part 7 Class 1 M1/M0
Weight Backing	160 gr/sq.m.	520 gr/sq.m.	410 gr/sq.m.	410 gr/sq.m.
Coating	440 gr/sq.m.	2 x 125 gr/sq.m.	2 x 20 gr/sq.m.	2 x 20 gr/sq.m.
Total	600 gr/sq.m.	660 gr/sq.m.	450 gr/sq.m.	450 gr/sq.m.
Temperatures	-30° / +70°C	-20° / +100°C	-50° / +200°C	-50° / +200°C
Use	Very good mechanical resistance	Very good mechanical resistance. "Hardly Flammable classified	Fragile fabric but "M0 - 400°C/2h classified	Fragile fabric but "M0 - 400°C/2h classified