TAWREED

TAWREED TRADING & CONTRACTING · DUCT FACTORY IN QATAR SINCE 2012

TECHNICAL DATA SHEET // FLEXIBLE DUCTS

Flexible Duct Connector

وصلة دكت مرنة

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DOCUMENT

3 pages, extracted from:
Technical Submittal - WellWall Phenolic Pre-Insulated Duct, p. 20, 87
Revision 01 · October 2026

CONTACT · REQUEST A QUOTE

Phone / WhatsApp: +974 7097 0111 Email: hvac@tawreed.ltd
Factory: Zone 91, Street 3138, Building 66, Birkat Al Awamer, Qatar
Web: tawreed.ltd Hours: Sat–Thu, 9am–5pm

Data supplied for submittal and specification purposes. Values are nominal;
confirm project-specific requirements with Tawreed before ordering.



FLEXIBLE DUCT CONNECTOR

Fabrics : Vinyl, Neoprene BS, Silicon, Polyurethane, Hypalon and Canvas

Gauge : 24 and 28 Galvanized

Silicon fabric rated for use at 400 deg C for 2 hours.

Applications: Indoor, Outdoor, Low and medium pressure ductwork systems, Airtight and waterproof construction



INSULATED FLEXIBLE DUCT CONNECTOR

Fabrics : Vinyl, Neoprene BS, Silicon, Polyurethane, Hypalon and Canvas

Insulation : 25mm, 12 kg/m^3 fibreglass as standard.

Other thickness and density on request.

Guage : 24 & 28 Galvanized.



INSULATED & UNINSULATED FLEXIBLE DUCTS

Insulated : Black and metallized inner core double laminated, and triple laminated.
Outer core double laminated film, with options of fibreglass reinforcement.

Insulation meets green building standards with ECOSE technology.®

UnInsulated : Options of double laminated and triple laminated film.



INSULATION FASTENERS

Self Adhesive with options of plain and grooved base.

Sizes : 50mm x 50mm, and 35mm x 35mm.

Base: 28 Guage Metal Pin: 12 Guage Zinc Plated

Perforated model also available.

Nail sizes 19mm to 150mm.

Aluminum and steel nails options



STRANGLEHOLD BANDING

- Available in 9mm and 11mm sizes
- Standard Length is 30m
- Available in SS and Galvanized metal

Tecnoflex

Duct connector



Tecnoflex Duct Connector

Airmaster connector	PVC	Neoprene	Silicone
Construction	Galvanized steel plate Coated fabric Galvanized steel plate	Galvanized steel plate Coated fabric Galvanized steel plate	Galvanized steel plate Coated fabric Galvanized steel plate
Steel plate thickness	0.7mm	0.7mm	0.7mm
Base fabric	polyester	Fiber glass	Fiber glass
coating	PVC (both side)	Neoprene (both side)	Silicone (both side)
Color	Black	Black	Grey
Temperature range	-30°C/ +80°C	-30°C/ +150°C	-50°C/ +250°C
Fire resistance	Fire retardant	Non-Flammable	Non-Flammable
Standard length	25 m / 30 m / 45 m	25 m / 30 m / 45 m	25 m / 30 m / 45 m
Standard dimensions	35mm + 60mm + 35mm/ 45mm + 60mm + 45mm/ 45mm + 75mm + 45mm/ 45mm + 150mm + 45mm/ 50mm + 60mm + 50mm/ 70mm + 100mm + 70mm/ 70mm + 146mm + 70mm		
Packing	Single cardboard box	Single cardboard box	Single cardboard box
Fire certificate	-	-	-
certificate	-	-	-

Manufacture as per UL "181 class 1"

Canvas connector is available upon request
Stainless steel or aluminum is available upon request
50mm or other lengths are available upon request