

Stainless steel braided EPDM flexible hose complete with integral end connections. Offer a convenient means of connecting piping to equipment. Easyflex hoses are designed for high working pressures as standard.

Product Applications

Easyflex stainless steel braided elastomeric hose is a convenient and economical way to provide a flexible connection between mechanical equipment and water piping. Braided hose :

- Offers ease of installation due to its flexible construction, which takes care of minor piping misalignment.
- Ensures minimal build-up of stress at connection points.
- Saves on labor as the number of pipe fittings for connected equipment are significantly reduced.
- Has a small bending radius, which saves space.
- Reduces transmission of noise to piping system and absorbs pressure pulsations.

Typical examples of usage include :

- In HVAC installations, for making Fan Coil Unit Connections.
- Electric water heaters, sanitary equipment.
- Industrial kitchen equipment.

Product Features

- High grade, durable EPDM hose with SS304 braiding.
- Suitable for cold and hot HVAC and drinking water applications.
- Designed for high working pressures.
- Available with end fittings to suit any type of equipment/pipe connection or pipe material.
- Hoses for reducing connections can also be supplied.



- Swivel FPT end connection supplied complete with EPDM gasket.
- Excellent stress reversal characteristics.

Ordering

Easyflex Hose can be ordered by providing the following information :

- Pipe Connection Size
- Connection configuration (if other than Type A)
- Hose Length (if other than standard)
- Specify required sizes at both ends if a reducing connection is needed

Please refer overleaf for selection table and installation guidelines..

SPECIFICATIONS

Construction	
Hose Elastomer	EPDM
Braiding	Stainless Steel (SS304)
End Sleeves	Stainless Steel (SS304)
Connections	Brass / Galvanised Steel
Gasket	EPDM
Standard Length ¹	200 mm up to 1'' 300mm for higher sizes

Hose End-Connection Configurations ²	
Type A ³	MPT (Brass) / Swivel FPT (Galv Steel)
Type B	MPT (Galv Steel) / Swivel FPT (Brass)
Type C	MPT (Brass) / Swivel FPT (Brass)
Type D	MPT (Galv Steel) / Swivel FPT (Galv Steel)
Type E	Swivel FPT (Brass) / Swivel FPT (Brass)
Type F	Sw.FPT (Galv Steel) / Sw. FPT (Galv Steel)
Type G	MPT (Brass) / MPT (Brass)
Type H	MPT (Galv Steel) / MPT(Galv Steel)

Performance Data	
Working Pressure	see table overleaf
Temperature Range	-20°C to 110°C
Bending Radius	see table overleaf
Working Fluids	Water (Cold / Hot)

SELECTION TABLE FOR SS BRAIDED EPDM HOSE

Model	Steel Pipe Nominal	Internal Diameter	External Diameter	Min Bending Radius	Working Pressure	Temperature Range		Standard Length
						Min	Max	
EFBH 15	1/2"	15mm	22mm	80mm	25 kg/cm ²	-20°C	-100°C	200mm
EFBH 20	3/4"	19mm	27mm	100mm	25 kg/cm ²	-20°C	-100°C	200mm
EFBH 25	1"	25mm	34mm	125mm	16 kg/cm ²	-20°C	-100°C	200mm
EFBH 30	1 1/4"	32mm	41mm	150mm	16 kg/cm ²	-20°C	-100°C	300mm
EFBH 40	1 1/2"	38mm	50mm	175mm	16 kg/cm ²	-20°C	-100°C	300mm
EFBH 50	2"	49mm	61mm	250mm	12 kg/cm ²	-20°C	-100°C	300mm

Installation Guidelines

Install hose close to connected equipment, with some slack to permit minor movement and accommodate misalignment. Do not install fully stretched or twisted.

Do not install the hose with sharp bends in order to go around obstacles. The hose should not be bent to a radius less than the minimum stated in the selection table.

Do not bend hose at right angles at connection to equipment. Use 90° elbows.

Avoid exposure to welding or high temperature, since this can damage the hose.

Tighten fixed end connector first and then the swivel connector. Take care to avoid twisting of the hose during tightening.

Replace the EPDM gasket (provided at swivel FPT end connections) in case hose is removed from services and reinstalled.

1. Other hose lengths available on application
2. Standard threading to BS21. NPT on application.
3. 'Type A' supplied as standard