



mercia flexibles

STAINLESS STEEL FLEXIBLE **PUMP CONNECTORS**

TEL: (01584) 874999 FAX: (01584) 874007
www.merciaflexibles.co.uk

STAINLESS STEEL PUMP CONNECTORS

FOR

- HOSPITALS • SCHOOLS • HOTELS • SHIPS • FACTORIES •
- LEISURE CENTRES • FLATS • OFFICES • PRISONS • SHOPPING CENTRES •

APPLICATIONS

Mercia Flexibles stainless steel pump connectors have been optimally designed for use in pipework systems where pumps or compressors are used - to suppress noise, absorb vibration, to accommodate for minor lateral misalignment or thermal movement, and to adjust for any building settlement. They are ideally suited for high temperature and high vacuum.

CONSTRUCTION

Manufactured to BS6501 Pt.1 with AISI 321 stainless steel corrugated tubing and AISI 304 stainless steel single overbraid, & with end fittings TIG welded-on. AISI 316 stainless steel material also available.

END FITTINGS

Available in Carbon Steel or Stainless Steel.

Screwed Assemblies - Threaded BSP

Taper Male Hexagon or Half Barrel (Weld Nipple) Fittings.

Flanged Assemblies - To BS4504-PN/DIN, BS10, ANSI/ASA & JIS standards.

Other threads & flanges also available, including elbows or swivel flanged ends.



Stainless Steel Pump Connector with BSPT Hex Male Ends.



Stainless Steel Pump Connector with Fixed Flange Ends.



Stainless Steel Pump Connector with BSPT Half Barrel (Weld Nipple) Male Ends.

Severe Vibration / Noise

Where excessive vibration is encountered, best results will be obtained by installing two connectors on each side of the source, at right angles to each other.

Part Number	Nominal Bore Size		Standard Length mm		Maximum Working Pressure* @ 120°C	
	mm	in	Screwed	Flanged	BarG	psig
MPC 12	12	1/2	220	150	86	1245
MPC 20	20	3/4	220	150	65	945
MPC 25	25	1	250	200	61	880
MPC 32	32	1 1/4	250	200	42	610
MPC 40	40	1 1/2	300	250	37	540
MPC 50	50	2	300	250	28	410
MPC 65	65	2 1/2	350	250	24	345
MPC 80	80	3	350	300	18	260
MPC 100	100	4	-	300	17	250
MPC 125	125	5	-	300	10.5	150
MPC 150	150	6	-	350	10.5	150
MPC 200	200	8	-	350	6.5	95

Non-Standard Lengths, and Smaller/Larger Sizes Also Available.

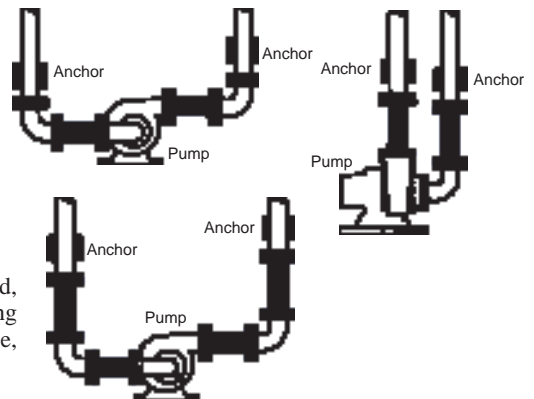
*Also dependent on pressure rating of end fittings.

INSTALLATION

Braided pump connectors are not designed to absorb axial vibration !

Moderate Vibration / Noise

For maximum efficiency, the connectors should be placed in both the suction and discharge lines, as close as possible & at 90° to the vibration source. They must be anchored at the pipework, on the end away from the source.



OTHER PRODUCTS

- Michelin AVS Kléber DILATOFLEX & KLEDIL Rubber Bellows Pump Connectors
- Stainless steel flexible hose assemblies • Stainless steel expansion joints • PTFE hoses • Vibration eliminators
- Rubber & stainless steel fan coil hoses • Fabric duct connectors • Combustion and exhaust gas flexibles
- Food quality flexible hoses & bellows • Heat-traced hose assemblies • PTFE expansion joints

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MERCIA FLEXIBLES

LUDLOW BUSINESS PARK, LUDLOW, SHROPSHIRE, SY8 1XF, UK

EMAIL : sales@merciaflexibles.co.uk WEB : www.merciaflexibles.co.uk

TEL : (01584) 874999 FAX : (01584) 874007

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