

Flexible Connectors

BFM's flexible connectors are available in a wide range of diameters as shown in the table below. It is important that the appropriate connector length is selected for the space available. Pipe and spigot length can be adjusted to ensure the right fit within an appropriate Installation Gap (IG) for the connector length. The Installation Gap is always slightly smaller than the actual connector length to allow for ease of connector replacement and offset or movement during operation. Your BFM distributor can advise on the correct IG for your connector length/application.

Standard Connector DIAMETER Ø		Standard Connector LENGTHS	
(MM)	(INCHES)	(MM)	(INCHES)
100	4"	80	3"
125	5"	100	4"
150	6"	150	6"
200	8"	200	8"
250	10"	250	10"
300	12"	300	12"
350	14"	350	14"
400	16"	400	16"
450	18"	450	18"
500	20"	500	20"
550	22"	550	22"
600	24"	600	24"
650	26"	650	26"
		700	28"
		750	30"
		800	31½"

NB: Measurements shown in mm are exact, inches are approximate.



In-line static equipment
IG = CL - 10mm (Minimum)



- The connector diameters and lengths highlighted in blue on the adjacent table are the **'Preferred Connector' range** and are the most **cost effective** options.
- Anything outside of this standard range can be produced as a special connector, up to **1,650mm (65") diameter maximum**. 100mm (4") diameter is the smallest we can manufacture.
- The **maximum length** for diameters under 700mm (28") is **6 metres (19ft 8")**.
- Available in **50mm/2"** increments only.
- TR (Tool Release) connectors are available up to a maximum of diameter of **650mm (25½")**

Connector Materials

Whilst the Seeflex O40E (clear urethane material) is our most popular connector, we have a wide range of flexible connector materials that are suited to different applications (please refer to the Material Spec Sheets for full information):



SEEFLEX O40E

- Ether based thermoplastic polyurethane
- Ideal for static, vibratory and gyratory equipment
- Food approved



SEEFLEX O40AS

- Ether based thermoplastic polyurethane with anti-static infusion.
- Ideal if static is a problem



SEEFLEX O20E

- Ether based thermoplastic polyurethane
- Lightweight media ideal for weighscale equipment
- Food approved



SEEFLEX O60ES

- Ether-based thermoplastic polyurethane alloy with an internal polyester scrim
- Used for overpressure situations for continuous pressure up to 1.3 bar



FM1 BREATHER

- 100% polyester needle felt breather bag
- Used to vent hoppers and other contained vessels



LM3

- 100% woven polypropylene
- Used for lower temperature environments (down to -70°C/-94°F)
- Ideal for food processing



LM4

- 100% woven polyester
- Used where breathability is required at higher temperatures (up to 130°C/266°F)



TEFLEX

- 100% woven Teflon PTFE
- Highly resistant to alkalis/caustic/acids
- Resists extreme temperatures (up to 260°C/500°F)



KEVLAR COVER

- 100% woven Kevlar (Aramid)
- Used in over-pressure and highly explosive applications



BLACK OUT COVER

- 100% woven polypropylene
- Used for light sensitive areas - cuts out all light