

Rings

- Most BFM® fitting connectors are available with support rings to help keep the connector open, particularly when under vacuum or for longer lengths.
- Rings are also useful in positive-pressure situations to help support the walls of the connector.
- Rings are available in either stainless steel or plastic (see table adjacent for size limitations on both).
- Rings are fully encased in the material on the outside of the connector and therefore don't come into contact with product flowing through the connector.
- Standard distance between rings is 100mm (4 inches).
- Plastic rings are about 22mm larger than the connector diameter (connector diameter + 20mm for ring + 2mm for O40E layer that encapsulates the ring).



PLASTIC RINGS



STAINLESS STEEL RINGS



PHYSICAL PROPERTIES

Material	Stainless Steel T304L or PE (Plastic)
Ring thickness (Ø)	- SS 6.0mm (¼") - PE 8.0mm (5/16")
<i>(and the 'connector' that joins the PE ring together is approx.)</i>	
	10mm (25/64")
Minimum Diameter - SS & PE	100mm (4")
Maximum Diameter*	- SS 500mm (20") - PE 1,000mm (39½")
Min. Connector Length	150mm (6")
Max. Connector Length*	
≤Ø 500mm (19½")	4.5m (14ft 9")
Ø 550mm (21½") - 1.0m (39½")	500mm (20") (Plastic only)
Maximum number of rings:	<i>(on a single connector)</i>
Seeflex, LM3, LM4, Teflex	10
Teflex NP:	
Ø150 - 500mm (6" - 20")	8
Ø100 & 125mm (4" - 5")	6
Distance between spigot & rings:	
150mm (6") long	75mm (3")
All other lengths	100mm (4")
Multiple rings evenly spaced at a minimum:	
CL < 850mm (33½")	100mm (4") apart (max 4)
CL ≥ 850mm (33½")	200mm (6") apart (max 10)**
Connector materials that can be supplied with rings	Seeflex O40E (incl Wash Sleeves & Blanking Socks /Bins), Seeflex O40AS, LM3, LM4, Teflex & Teflex NP (Seeflex O20E is on request only).

* Size range is in mm, so inch conversions are approximate only. Restrictions apply for larger diameters, material types or when TR versions used. Refer to 'Connector Sizes' for more information.

**Maximum number of rings for Teflex NP is 8 for Ø150 - 500mm & 6 for Ø100 & 125mm

Note: Tapered connectors cannot be made with rings.