



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)
Max. Operating Temperature	110°C / 230°F	
	<i>(Plastic only)</i>	
Maximum number of rings for Seeflex, LM3, LM4, Teflex Teflex NP:	<i>(on a single connector)</i>	
		10
	Ø150 - 500mm (6" - 20")	8
	Ø100 & 125mm (4" - 5")	6
Minimum distance between spigot & rings:		
	150mm (6") long	75mm (3")
	All other lengths	100mm (4")
Multiple rings evenly spaced at a minimum:	100mm (4")	
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.