

Flexitallic TR160

Flexitallic TR160 die-formed rings are manufactured from Thermiculite™ foil.



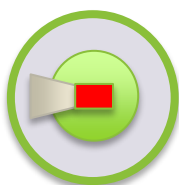
Flexitallic **TR160** rings have been primarily developed as a component part of a high performance **high temperature valve packing**. It is also suitable for static sealing applications such as valve bonnet seals. **Thermiculite™** possesses excellent chemical resistance, consequently, Flexitallic **TR160** rings can be used across a wide range of chemical media including oils, solvents, acids and alkalis. Especially suitable for 'Molten Salt' applications. **Not** a dynamic seal. Shape and sizes pre-determined by the tooling.

Available in ring form, whole (solid) or split in halves.

NOT recommended for use with Hydrofluoric Acid and Fluorine gas.

- Materials of construction: **Exfoliated Thermiculite foil (standard and Polymer-free TR160-PF).**
- Colour: **Golden yellow.**
- Typical applications: **Isolating & Control Valves stem seals and static seat rings.**
- Maximum Leachable Chlorides: **50 ppm**

Temperature: Maximum	1000 °C (1822 °F)
Minimum	-200 °C (-328 °F)
Pressure: Maximum	Valve – 50 MPa (7250 psi)
	Rotating – n/a
	Reciprocating – n/a
Speed: Maximum	Rotating – n/a
	Control Valve – 1 m/s (197 fpm)
	Reciprocating – n/a
pH Range	0 – 14
Density	Standard – 1.85 g/cc



This Data Sheet refers to the material as supplied. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same.

We reserve the right to change the details given on this Data Sheet as additional information is acquired. Customers requiring the latest version of this Data Sheet should contact our Applications Engineering Department.

The information given and, in particular, any parameters, should be used for guidance purposes only. The Company does not give any warranty that the product will be suitable for the use intended by the customer.

Health & Safety

For further Health and Safety information please see the relevant Material Safety Datasheets or contact Flexitallic UK Ltd.