

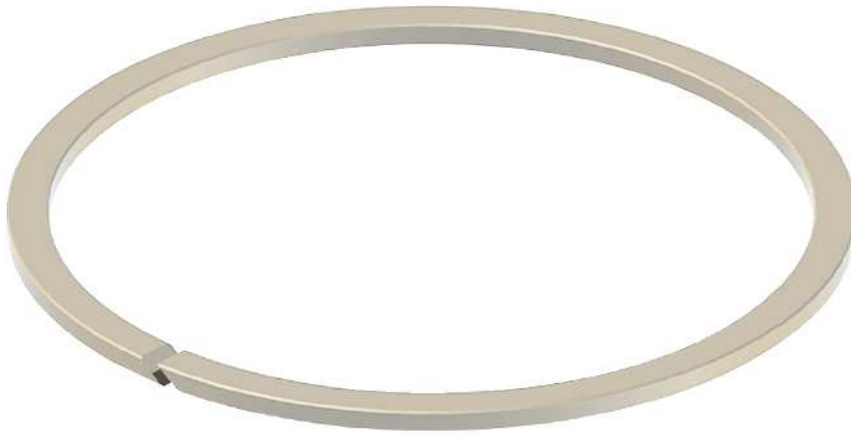


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BACK-UP RINGS



Back up Rings or anti extrusion rings as they are sometimes called have been used for many years in conjunction with O-Rings in high pressure applications. In general terms for dynamic applications over 100 bar, and static applications around 950 Bar back up rings should be used. Each application can vary so you must check and use this as a general guideline only. Traditionally PTFE has been used for these items but in recent years contoured elastomers rings have been developed and are now quite widely used.

Various alternative styles are available. Please consult with our technical team who will be pleased to advise you.

MATERIALS		TEMPERATURE RANGE	°C
NITRILE		-40	120
VITON®/FLOUROCARBON		-26	204
PTFE		-268	232
PEEK		-70	260
HYTREL®		-54	149
URETHANE		-54	105



SOLID FLAT



SCARF CUT



SPIRAL CUT



SOLID CONTOURED



BUTT CUT

Disclaimer

Please note, failure to select the correct materials or products we supply (“the Products”) may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.