

TECHNICAL DATA SHEET

FEP/PFA ENCAPSULATED 'O' RINGS

There are several combinations of materials available and the application itself should determine the choice. We are happy to give advice on selection of materials so please do not hesitate in contacting us.



FKM core with FEP Jack

Temp range: -20C to +204C

This choice gives the best possible sealing characteristics due to the very low compression set value of the specially formulated FKM core. Unless there are extreme high or low temperature involved, FKM core should be the first choice.



FKM core with PFA Jacket

Temp range: -20C to +204C.

The only advantage with this combination is the extra abrasion resistance of the PFA jacket.



Silicone core with FEP Jacket

Temp range: -60C to +204C

Whilst technically inferior to FKM as a seal material, silicone does have the ability to work at lower temperatures than FKM.



Silicone core with PFA Jacket

Temp range: -60C to +260C

Silicone combined with PFA has a very flexible temperature range, especially at the higher end.

Also available:



Hollow core Silicone with FEP/PFA Jacket



Hollow core FKM with FEP/ PFA Jacket

Used in applications where low loading requirements are necessary, for example, glassware or similar delicate equipment. The seal compresses more easily than a solid ring. Available in the above combinations.

Material Options

Available in FKM, Silicone and EPDM core materials, FDA by prior arrangement. Other core materials available on request.