

## □ SPECIAL O-RING

### O-RING PERFLUOROELASTOMER FFKM AND SPECIAL

O-rings in FFKM perfluoroelastomer have an exceptional resistance to chemical attack from gases and corrosive substances at high temperatures.

FFKM also has an excellent resistance to extreme temperatures from  $-10^{\circ}\text{C}$  to  $+260^{\circ}\text{C}$  and some special compounds can operate over  $300^{\circ}\text{C}$ .

It has resistance to almost all chemicals, including inorganic acids, alkaline substances, ketones, esters, alcohols, fuels and hot water and is used for applications in critical chemical location.

Perfluoroelastomers are ideal in chemicals, petrochemicals, for the production of semiconductors and analytical tools and process.

Perfluoroelastomers are widely used in critical applications such as the production of semiconductor chips, the jet engines etc.

Temperature resistance:

Standard compound:  $-25^{\circ}\text{C}$  ( $-13^{\circ}\text{F}$ ) to  $316^{\circ}\text{C}$  ( $600^{\circ}\text{F}$ )

Hardness (Shore A): 65 to 90

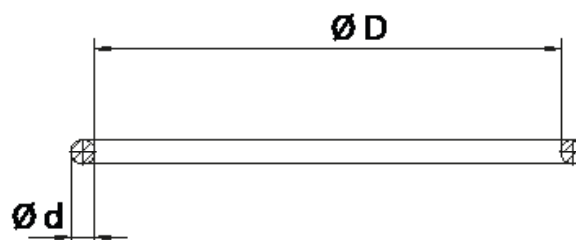
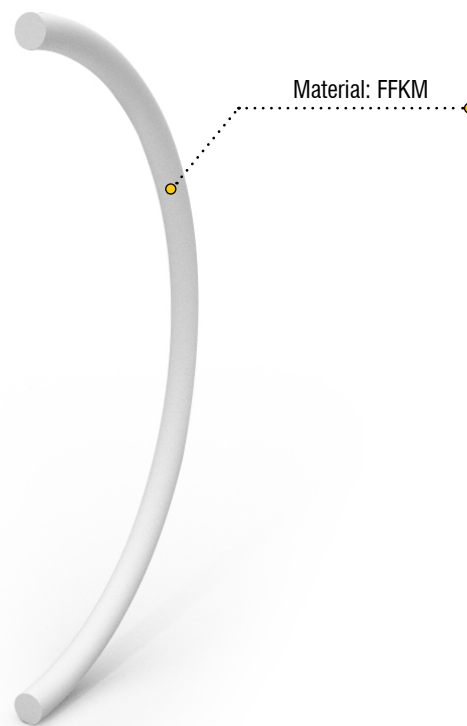
Features:

Perfluoroelastomer (FFKM) combines the hardness of an elastomeric material with the chemical inertia of Teflon®.

Perfluoroelastomer is resistant to almost all chemicals.

limitations:

Resistant to virtually all chemicals except for some fluorinated solvents, such as halogenated freon, uranium hexafluoride and molten or gaseous alkali metals.



#### DIMENSIONS ACCORDING TO THE STANDARD

American standard: AS 568A

Metric dimension: DIN 3771 - ISO 3601/1

