

# Selecting an O-Ring

*Techné complies with all your specifications.*

## 1) MATERIALS (TEMPERATURE AND MEDIUM)

MAJOR STANDARD MATERIAL	TEMPERATURE RESISTANCE IN °C	APPLICATIONS
NITRILE NBR	-25 to +120	Hydraulic oil, grease, hydrocarbons, oils, lubricants, vegetable and animal oils, water, butane, compressed air...
FLUOROCARBON FKM	-15 to +240	Oils, hydraulic fluids, solvents, non-inflammable oils, chemical products...
SILICONE VMQ	-60 to +225	Low and high temperatures, air, oxygen, inert gas, low concentration bases and acid. Excellent dielectric characteristics...
ETHYLENE PROPYLENE EP	-45 to +110	Alimentary applications : water, drinks, non-inflammable fluids, steam, diverse acids, caustic soda, glycols...
CHLOROPRENE CR	-40 to +120	Air, ozone, water up to 80°C, vegetable oils, oxygen, caustic soda, fatty alcohol, chlorine, refrigerant gas, alimentary applications, CO <sub>2</sub> .
PTFE	-150 to +260	Chemical resistant, electric insulating, low friction coefficient.
HNBR	-35 to +150	Ozone, ultraviolet, hot water, oil containing sulphur.

*If you wish to order other compounds, please contact us.*

## 2) CERTIFIED COMPOUNDS ON REQUEST

We can provide O Rings with one or several certifications

