

iQ parts
IQ-PARTS-SHOP.COM



**SPECS &
INFORMATION**



Silicone (VMQ) rubber contains methyl and vinyl groups attached to the main silicone chain. Silicone O-rings are characterized by excellent resistance to extreme temperatures and thermal cycling. Silicone rubber mixture does not emit any odour or taste, making it suitable for many food and pharmaceutical applications.

However, silicone rubber has poor mechanical properties compared to other elastomers and for this reason silicone O-rings are generally not used in dynamic applications. It is not suitable for use with silicone O-ring lubricants; PTFE alternatives should be used instead.

Temperature range

Up to 200°C (intermittent)

Up to -40°C

Recommended temperature range -20°C to +180°C

Chemical resistance

- Dry heat
- Oils with a high aniline point
- Chlorinated DI-phenyls
- Food processing applications
- Excellent ozone resistance.
- Water (low temperature only)

Not compatible with:

- Most petroleum liquids
- Ketones (MEK, Acetone)





info@iq-parts.nl
Harsweg 34A
2461 EZ Ter Aar
T +31 252 624 126
The Netherlands