



Silicone O-rings – Technical Specification

Silicone O-rings (VMQ/PVMQ/MQ) made from FDA food-grade silicone. Suitable for high and low temperatures, hot air, water and light steam. Operating range -60°C to +200°C. Not compatible with oils or fuels.

Property	Value
Material	Silicone VMQ (FDA food-grade)
Colour	Red
Standard hardness	70 Shore A
Tensile strength	7.9 MPa
Elongation at break	178%
Specific gravity	1.38 g/cm ³
Compression set	14% (22 h / 175°C)
Temperature range	-60°C to +200°C
Compatibility	Hot air, water, light steam
Not compatible	Oils, fuels, petroleum-based lubricants
Certifications	FDA 21 CFR 177.2600; EC 1935/2004; ADI-free; REACH-SVHC; RoHS; phthalate-free



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