

Silicone

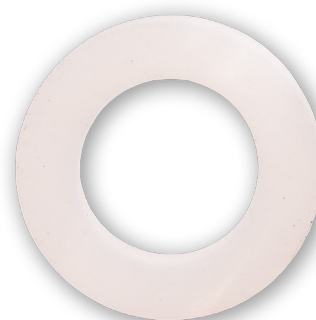
Rubber Gaskets



Properties and uses:

Material with low permanent deformation and excellent resistance to acid and basic products, oxidation and ageing, medium resistance to petrol and aromatic and chlorinated solvents, not recommended with solvents in general.

It is a photosensitive material, it tends to turn yellow when exposed to sunlight while maintaining its mechanical characteristics unaltered.



Composition Methyl Vinyl Silicone Rubber

Color White

Thickness 1.0 mm, 1.5 mm,
2.0 mm, 3.0 mm.
Other thicknesses on request.

TECHNICAL DATA – Typical values for a thickness of 2.0 mm

Density	UNI 7092	g/cm ³	1.15
Temperature (Air)		°C	-50 / 180
Temperature (Water)		°C	100
Hardness	UNI 4916	Shore A	60 ± 5
Breaking Stress	UNI 6065	MPa	Min. 8
Ultimate Elongation	UNI 6065	%	350
Tear Resistance	UNI 4914 C	N/mm	Min. 15
Ozone Resistance after 72h at 50°C	UNI 6067		Undamaged
Ageing in Air after 72h at 100°C	UNI - ISO 188		
Δ Hardness		Shore A	+8
Δ Breaking Stress		%	-15
Δ Ultimate Elongation		%	-30

*The maximum exercise's condition depend on many factor as the gasket' s dimension, the clamping value between the flanges, etc
Is not advised the use in the maximum temperature and at the same time with the maximum pressure.

Since all properties, specifications and application parameters shown throughout this catalogue are approximate and may be mutually influenced, your specific application should not be undertaken without independent study and evaluation for suitability. All technical data and advice given is based on experiences KLINGER Italy has made so far. Failure to select proper sealing products can result in damage and/or personal injury. Properties, specifications and application parameters are subject to change without notice. KLINGER Italy does not undertake any liability of any kind whatsoever. Is not advised the use in the maximum temperature and at the same time with the maximum pressure.