

Neoprene

Rubber Gaskets



Properties and uses:

Highly age resistant, high atmospheric resistance and good mechanical characteristic make these gaskets suitable for application in mineral and vegetal oil, acids and alkali.



Composition Polychloroprened Rubber

Color Black

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

Constant Tightening

Y (MPa)	0
m	0,5

TECHNICAL DATA – Typical values for a thickness of 2.0 mm

Density	UNI 7092	g/cm ³	1.42
Temperature (Air)		°C	-20 / 90
Temperature (Water)		°C	90
Temperature (Oil)		°C	50
Hardness	UNI 4916	Shore A	60 ± 5
Breaking Stress	UNI 6065	MPa	Min. 12
Ultimate Elongation	UNI 6065	%	40
Tear Resistance	UNI 4914 C	N/mm	Min. 35
Ageing in Air after 72h at 200°C	UNI 8313/1°		
Δ Hardness		Shore A	+5
Δ Breaking Stress		%	-10
Δ Ultimate Elongation		%	-20
Ageing in Oil ASTM 1 after 72 h at 100 °C	UNI 8313/1°		
Δ Hardness		Shore A	-3
Δ Volume		%	+3

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.