

Properties and uses:

Particularly adapted for oil and mineral grease seals, solvents and oil products, with the exceptions of aromatic solvents (as Toluol, Benzene, Xylene, etc.) and carbon disulfide and derivative.



Composition Nitrile Butadiene Rubber.

Color Black

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

Constant Tightening

Hardness < 75 Shore

Y (MPa)	0
m	0,5

Hardness > 75 Shore

Y (MPa)	1,37
m	1,0

TECHNICAL DATA – Typical values for a thickness of 2.0 mm

Density	UNI 7092	g/cm ³	1.50
Temperature (continuous operating)		°C	-40 / 95
Temperature (peak)		°C	130
Hardness	UNI 4916	Shore A	72 ± 5
Breaking Stress	UNI 6065	MPa	Min. 8
Ultimate Elongation	UNI 6065	%	350
Tear Resistance	UNI 4914 C	N/mm	Min. 30
Ageing in Oil ASTM 1 after 72 h at 100 °C	UNI 8313/2°		
Δ Hardness		Shore A	-8
Δ Volume		%	+10

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.