



Colour - Black

DATA / SPECIFICATION SHEET

Nitrile (NBR)

DESCRIPTION

Nitrile compounds are very widely used general purpose sealing materials with the benefit of good mechanical properties, reasonable resilience, good wear properties and resistance to most mineral-based oils and greases. Also suitable for use with water, fire resistant hydraulic fluids (types: HFA, HFB and HFC), many dilute acids, LPG, diesel fuel and other fuel oils. It therefore finds very wide application across many sectors of industry for both static and dynamic seals.

SERVICE

Resistant to: Mineral oils and greases, LPG, fuel oils, water, dilute acids, water and glycol-based hydraulic fluids, vegetable oils.

Not suitable for: Aromatic hydrocarbons (benzene, high octane gasoline, etc.), polar solvents, glycol-based brake fluid, ozone and weather ageing, strong acids, high temperatures.

PROPERTIES

Density	1.5 g/cc
Tensile Strength	3 MPa
Elongation	200%
Hardness	65 ± 5
Temperature Range	-20°C to 100°C

AVAILABILITY

Thickness range	= 1.0mm to 6.0mm (standard) or by order
Standard sheet sizes	= 1.2m X 1.0m 1.2m X 2.0m 1.2m X 5.0m 1.2m X 10.0m

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