

NBR Lining Rubber

NBR Lining Rubber is a premium grade oil resistant 65 Duro Nitrile based rubber lining with a CN bonding layer.

FEATURES

NBR is made from a premium Nitrile rubber compound and will display excellent resistance to oil and petroleum-based products including a range of fuels, greases, solvents and hydraulic fluids. It has low gas permeability and will display good water resistance. It is also resistant to mineral oils and a range of aliphatic hydrocarbons.

NBR has excellent physical properties and will display good resistance to wet slurry and fine particle sliding abrasion. It will also display good temperature resistance and moderate chemical resistance to some acids and alkalis.

NBR features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



TECHNICAL INFORMATION

Polymer	NBR	
Colour	Black with CN bonding layer	
Specific Gravity	1.25	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Tensile Strength	15 MPa (min)	ASTM D412
Elongation @ Break	600% (min)	ASTM D412
Abrasion	200 mm ³ (max) @ 10N	ASTM D5963
Temperature Range	-25°C to +90°C	
Tear Strength	30 N/mm (min)	ASTM D624
Volume Swell @ 27°C x 72 Hrs	Diesel + 3.4%	ASTM D471

AVAILABLE SIZES

NBR is custom manufactured to order. It can be supplied in thicknesses from 3mm – 50mm and in roll widths up to 2000mm wide. Lead times and minimum order quantities apply to this product.