

# R-Line NBR Lining Rubber

**R-Line NBR Lining Rubber is a premium grade wear resistant Nitrile based rubber lining with a buffed back.**

## FEATURES

R-Line 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 vegetable oils, mineral oils and a range of aliphatic hydrocarbons.

R-Line NBR has excellent physical properties and will display good resistance to abrasion. It will also display good temperature resistance and moderate chemical resistance to some acids and alkalis.

R-Line NBR features a pre-buffed finish on one side to assist with adhesion when bonded to steel or rubber surfaces. It can be bonded using a wide range of Neoprene based rubber adhesives.



## TECHNICAL INFORMATION

Polymer	NBR	
Colour	Orange with buffed back	
Specific Gravity	1.15	ASTM D297
Hardness	55° ± 5° Shore A	ASTM D2240
Tensile Strength	12 MPa (min)	ASTM D412
Elongation @ Break	500% (min)	ASTM D412
Abrasion	150mm <sup>3</sup> (max) @ 10N	ASTM D5963
Temperature Range	-20°C to + 110°C	
Tear Strength	25 N/mm (min)	ASTM D624
Oil Resistance	Volume Swell 72 hrs @ 70°C OIL #1 - 3.2% OIL #2 + 3.5% OIL #3 + 7.5%	ASTM D471

## AVAILABLE SIZES

We stock R-line NRB Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

<b>PART NO.</b>	<b>SIZE</b>	<b>WEIGHT (PER L/M)</b>
REGBBN5503	3mm x 1200mm (10 L/M Rolls)	4.2 kgs
REGBBN5506	6mm x 1200mm (10 L/M Rolls)	8.3 kgs