

# Nitrile Diaphragm Rubber Sheet

Reglin Nitrile Diaphragm is a premium grade oil and fuel resistant rubber sheet with nylon reinforcement.

## FEATURES

Reglin Nitrile Diaphragm rubber sheet 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.

Nitrile Diaphragm is reinforced with a specifically designed nylon fabric to give a high burst strength and a good flex life. This fabric also gives improved tear strength and dimensional stability.

Nitrile Diaphragm has low gas permeability and will display good water resistance. It is also resistant to mineral oils and a range of aliphatic hydrocarbons.

Nitrile Diaphragm has excellent physical properties including mechanical strength and abrasion resistance. It will also display good temperature resistance and moderate chemical resistance to some acids and alkalis.



## TECHNICAL INFORMATION

Polymer	NBR	
Reinforcement	Nylon	
Colour	Black	
Specific Gravity	1.30	ASTM D297
Hardness	70° ± 5° Shore A	ASTM D2240
Tensile Strength	13 MPa (min)	ASTM D412
Elongation @ Break	500% (min)	ASTM D412
Temperature Range	-40°C to +100°C	

## AVAILABLE SIZES

Reglin stock Nitrile Diaphragm Rubber Sheet 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>
NITRDIA0.3	0.3mm x 1450mm (10 L/M Rolls)	0.6 kgs
NITRDIA0.4	0.4mm x 1450mm (10 L/M Rolls)	0.8 kgs
NITRDIA0.5	0.5mm x 1450mm (10 L/M Rolls)	1 kgs
NITRDIA0.6	0.65mm x 1450mm (10 L/M Rolls)	1.3 kgs
NITRDIA0.8	0.8mm x 1450mm (10 L/M Rolls)	1.5 kgs
NITRDIA1.0	1.0mm x 1450mm (10 L/M Rolls)	1.9 kgs
NITRDIA1.5	1.5mm x 1450mm (10 L/M Rolls)	2.9 kgs
NITRDIA2.0	2.0mm x 1450mm (10 L/M Rolls)	3.8 kgs