



# NITRILE DIAPHRAGM RUBBER SHEET

70 Duro | Fuel & Oil Resistant | Nylon Reinforced | Nitrile Rubber

## FEATURES

Reglin Nitrile Diaphragm Rubber Sheet is a black, premium grade 70 Duro Nitrile rubber which is reinforced with a tear and flex resistant Nylon fabric. It has excellent mechanical strength and is flexible and has petroleum based fuel and oil resistance, including petrol, diesel and LPG. It is also resistant to mineral oils, greases and gas permeability.

The specially designed Nylon fabric reinforcement gives Nitrile Diaphragm Rubber superior tear strength and dimensional stability under constant flexing, making it suitable for critical sealing and diaphragm applications.

## TECHNICAL INFORMATION (RUBBER)

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

### STANDARD THICKNESS

0.2mm, 0.3mm, 0.4mm, 0.5mm, 0.65mm, 0.8mm, 1mm, 1.5mm, 2mm, 3mm

### STANDARD ROLL SIZE

1400mm x 10mtrs

Cut lengths, strips and custom shapes are available upon request



## APPLICATIONS

Reglin Nitrile Diaphragm Rubber Sheet has been designed primarily for use as a sealing diaphragm material in pumps, valves, gas control equipment and carburettors.

It can also be used as a flexible strip, pad or gasket for critical sealing, insulating and isolating applications.