TECHNICAL DATA SHEET

Queensland Gaskets

SOFT NITRILE 45 | RUBBER SHEET

45 Duro | Fuel and Oil Resistant | Nitrile Rubber

Soft Nitrile 45 Rubber is a black superior grade, 45 Duro Nitrile Rubber sheet, which has petroleum based fuel and oil resistance, including petrol, diesel and LPG. It is also resistant to mineral oils and greases and gas permeability.

Soft Nitrile 45 is softer than standard Nitrile sheet making it suitable for sealing applications that require a more flexible and compressible rubber.



TECHNICAL INFORMATION

Polymer	NBR	
Colour	Black	
Specific Gravity	1.20	ASTM D297
Hardness	45° ± 5° Shore A	ASTM D2240
Tensile Strength	6.5 MPa (min)	ASTM D412
Elongation @ Break	425% (min)	ASTM D412
Temperature Range	-25°C to +90°C	
Volume Swell @ 70°C x 72 Hrs	OIL #1 -1% OIL #2 +6% OIL #3 +20%	ASTM D471

AVAILABLE SIZES

STANDARD THICKNESS	3mm, 6mm
STANDARD ROLL SIZE	1200mm x 10mtrs

Cut lengths, strips and custom shapes are available upon request

APPLICATIONS

Soft Nitrile 45 Rubber Sheet has been designed primarily for use as a flexible and compressible strip, pad or gasket and is mainly used for Sealing, Insulating, Isolating and protecting steel or other surfaces. Its properties make it suitable for use in a wide range of applications including:

- Flange gaskets on pipes and tanks
- Transfer and joining sleeves
- Oil and fuel seals
- Insulating strip
- Isolation barriers

Contact us to discuss requirements and place your order 07 3277 3922

All information and data quoted has been provided by our suppliers and is based upon years of experience in the production and operation of sealing elements. This data may not be used to support any warranty claims. With its publication this latest edition supersedes all previous issues and is subject to change without further notice.