TECHNICAL DATA SHEET

Queensland Gaskets

PREMIUM NITRILE 65 | RUBBER SHEET

65 Duro | Fuel & Oil Resistant | Nitrile Rubber.



Nitrile 65 Rubber is a black premium grade, 65 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.

Premium Nitrile 65 has good physical properties including mechanical strength and moderate temperature and chemical resistance, making it suitable for industrial applications in contact with petroleum based fluids.

TECHNICAL INFORMATION

Polymer	NBR	
Colour	Black	
Specific Gravity	1.20	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Abrasion	275mm³ (max) @ 10N	ASTM D5963
Tensile Strength	15 MPa (min)	ASTM D412
Elongation @ Break	400% (min)	ASTM D412
Compression Set	30%	ASTM D395 B
Tear Strength	40 N/mm (min)	ASTM D624
Temperature Range	-25°C to +90°C	
Volume Swell @ 70°C x 72 Hrs	OIL #1 -3% OIL #2 +5% OIL #3 +9%	ASTM D471

AVAILABLE SIZES

STANDARD THICKNESS	0.8mm, 1.5mm, 2.4mm, 3mm, 4.5mm, 6mm, 8mm, 9mm, 12mm, 19mm, 25mm
STANDARD ROLL SIZE	1200mm x 10mtrs (0.8mm - 12mm) 1200mm x 5mtrs (19mm, 25mm)

Cut lengths, strips and custom shapes are available upon request

APPLICATIONS

Nitrile 65 Rubber Sheet has been designed primarily for use as a flexible strip, pad, lining 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
- Lining of pipes and tanks
- Transfer and joining sleeves
- Oil and fuel seals
- Camlock washers
- Insulating strip
- Isolation barriers
- Oil resistant skirting rubber

VARIATIONS

Choose from these non-standard material variation options:

- 45 soft duro
- Insertion Cotton
- Insertion Nylon

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.