



# NITRILE 65 RUBBER SHEET

65 Duro | Fuel & Oil Resistant | Nitrile Rubber

## FEATURES

Industrial Gaskets 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	275mm <sup>3</sup> (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

Industrial Gaskets 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
- > Oil resistant skirting rubber