



NITRILE 65 INSERTION RUBBER SHEET NYLON

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

FEATURES

Industrial Gaskets Nitrile Insertion Rubber is a black premium grade, 65 Duro Nitrile Rubber sheet, reinforced with a tear resistant Nylon monofilament fabric. It has petroleum based fuel and oil resistance, including petrol, diesel and LPG. It is also resistant to mineral oils and greases and gas permeability.

The specially designed Nylon monofilament fabric reinforcement will not allow fluid penetration and gives Nitrile Insertion improved tear strength and dimensional stability, making Nitrile Insertion suitable for gasket sealing applications.

TECHNICAL INFORMATION

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|---------------------------------|--|-------------|
| Polymer | NBR | |
| Reinforcement | Nylon Monofilament | |
| Colour | Black | |
| Specific Gravity | 1.20 | ASTM D297 |
| Hardness | 65° ± 5° Shore A | ASTM D2240 |
| Abrasion | 275mm ³ (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

1 Ply: 1.5mm, 3mm
2 Ply: 4.5mm, 6mm

STANDARD ROLL SIZE

1200mm x 10mtrs

Cut lengths, strips and custom shapes are available upon request



APPLICATIONS

Industrial Gaskets Nitrile Insertion Rubber Sheet has been designed primarily for use as a flexible strip, pad or gasket and is mainly used for Sealing 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