TECHNICAL DATA SHEET

Queensland Gaskets

WHITE FDA NITRILE | RUBBER SHEET

55 Duro | Food Grade | FDA Compliant
Food Oil & Grease Resistant | Nitrile Rubber

White FDA Nitrile rubber is a white superior grade 55 Duro Nitrile Rubber Sheet which is food grade and has resistance to food-based oil and grease.

White Nitrile is FDA compliant, per CFR 177.2600, making it approved for repeated and long-term contact with food.

White Nitrile is non-toxic, non-marking and non-allergenic. It has good physical properties including mechanical strength, making it suitable for a wide range of sealing and protection applications.



TECHNICAL INFORMATION

Polymer	NBR	
Colour	White	
Specific Gravity	1.25 – 1.44 ±0.05	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Abrasion	250mm^3 (max) @ 5N	ASTM D5963
Tensile Strength	6 MPa (min) – ⩾10MPa	ASTM D412
Elongation @ Break	350% (min) – ⩾500	ASTM D412
Tear Strength	15N/mm (min) – ⩾20N/mm	ASTM D624
Temperature Range	-25 to +90 – -35/+110 °C	

AVAILABLE SIZES

STANDARD THICKNESS	0.8mm, 1mm, 1.5mm, 2mm, 3mm, 4mm, 4.5mm, 5mm, 6mm, 8mm, 9mm, 10mm, 12mm
STANDARD ROLL SIZE	1200mm x 10mtrs

Cut lengths, strips and custom shapes are available upon request

APPLICATIONS

White FDA Nitrile rubber sheet has been designed primarily for use as a flexible strip, pad, lining or gasket. It is suitable for applications for the handling or storage of food 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
- Lining of food processing equipment
- Bumper protection strips in food handling
- Transfer and joining sleeves
- Insulating strip
- Food grade scrapers
- Food grade Pulley Lagging
- Food grade skirting rubber
- Non-marking load matting
- Non-marking bearing pads

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.