

## Technical Data Sheet

### White FDA Nitrile Rubber Sheet

**Features:** Shuk White FDA Nitrile Rubber is a white, superior grade, hygienic food grade 55 Duro Nitrile Rubber sheet, which resists food-based oil and grease. It is FDA compliant, per 21 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 gasket sealing applications.

**Applications:** Shuk White FDA Nitrile Rubber Sheet has been designed primarily for use as a flexible strip, pad, lining or gasket in applications for 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
- Pulley lagging

**Dimensions:**

GMNIT01.6W	1.6mm Thick
GMNIT03.2W	3.2mm Thick
GMNIT04.5W	4.5mm Thick
GMNIT06.4W	6.4mm Thick
GMNIT09.5W	9.5mm Thick

**Technical**

**Information:**

Properties	Values	Test Method
Polymer	NBR	
Colour	White	
Specific Gravity	1.25	ASTM D297
Hardness	55 ° ± 5 ° Shore A	ASTM D2240
Abrasion	250mm <sup>3</sup> (max) @ 5N	ASTM D5963
Tensile Strength	6 MPa (min)	ASTM D412
Elongation@ Break	350% (min)	ASTM D2240
Tear Strength	15 N/mm (min)	ASTM D412
Temperature Range	-25 ° C to +90 ° C	