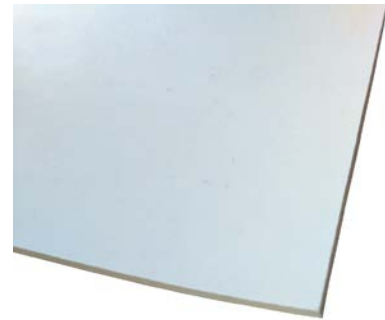


Our White Nitrile Rubber Sheet (White, FDA Compliant) is a premium grade rubber material. This rubber is FDA compliant (as per 21 CFR 177.2600) which allows it to be used in applications where it will experience repeated and long term contact with food.



White Nitrile Rubber is non-toxic and non-marking. It is also non-allergenic. Being a Nitrile rubber, it exhibits excellent resistance to oil (especially food based oil) and grease. White Nitrile Rubber Sheet also has excellent tensile strength (6 MPa, minimum) which allows it to be used to make gaskets.

This grade of rubber sheet is typically used in either the food, beverage or pharmaceutical industries or in other specialised applications that require a high quality, non-marking, non-carbon containing rubber. More specifically, White FDA Nitrile Rubber is often used as a flexible pad, lining or strip for applications where food is handled or stored. It is also used for making gaskets for food storage containers and transfer piping as well as for sealing, isolating, protecting and insulating steel or other surfaces.

Our White Nitrile Rubber Sheet withstands temperatures between -25°C and +90°C and has a hardness of 55 Shore A.

Applications

- The manufacture of flange gaskets for food grade pipes and tanks
- Lining of food processing equipment
- Bumper protection strips for food and beverage handling lines
- Insulating strips
- Food grade rubber scrapers
- Pulley lagging
- Lining of pipes and tanks

Technical Details

Property	Value	Test Standard
Colour	White	
Polymer	NBR	
Hardness (Durometer)	55 (±5) Shore A	ASTM D2240
Temperature Range	-25°C to 90°C	
Specific Gravity	1.25 g/cm ³	ASTM D297
Tensile Strength	6 MPa	ASTM D412
Elongation at Break	350% (min.)	ASTM D412
Tear Strength	15 N / mm (min.)	ASTM D624
Abrasion	250mm ³ (max.) @ 5N	ASTM D5963
FDA Compliant	Yes, As Per 21 CFR 177.2600	

Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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Available Sizes, Forms and Styles

White, FDA Compliant Nitrile Rubber is available from Swift Supplies by the lineal metre in the thicknesses listed below.

Standard Thicknesses

- 0.8mm
- 1.5mm
- 3mm
- 4.5mm
- 6mm
- 9mm

Pieces, Cut Strips, Custom Sizes and Special Requests

We're always happy to help with special requirements. If the size you require for your project isn't listed here please do reach out to us. We'll do our very best to help in any way we can.

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