

EPDM RUBBER SHEET – White (FDA)

Product Overview

White EPDM Rubber Sheet is a high-quality EPDM elastomer formulated for applications requiring excellent resistance to weathering, ozone, UV exposure, heat, and water-based media. The white compound provides a clean, non-marking surface and is commonly specified for hygienic and food-contact related applications.

This material offers good elasticity and mechanical strength while maintaining flexibility over a wide temperature range. White EPDM Rubber Sheet is suitable for applications where cleanliness, environmental resistance, and consistent performance are required.



GASKETS AND CUTTING SOLUTIONS

Material Specification

- **Polymer:** Ethylene Propylene Diene Monomer (EPDM)
 - **Grade:** FDA Compliant
 - **Colour:** White
 - **Surface Finish:** Smooth on both sides
 - **Temperature Range:** -30 °C to +100 °C
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Standards & Compliance

White EPDM Rubber Sheet is manufactured from an EPDM compound formulated to comply with the requirements of **FDA 21 CFR 177.2600** for rubber articles intended for repeated contact with food.

Disclaimer: All information provided is based on typical material properties and is intended as a general guide only. Final material selection should be confirmed by the end user for suitability in the intended application.

In accordance with FDA 21 CFR 177.2600, finished rubber articles intended for food-contact service should be thoroughly cleaned prior to their initial use. Final suitability for specific food-contact applications, including operating conditions and cleaning procedures, remains the responsibility of the end user.

Key Features & Benefits

- FDA-compliant EPDM compound
- Excellent resistance to weathering, ozone, and UV exposure
- Good heat resistance for continuous service
- Good resistance to water, steam, and many chemicals
- Good elasticity and mechanical strength
- Clean, non-marking white surface
- Suitable for indoor and outdoor applications

Physical Properties

Property	Typical Value	Test Method
Specific Gravity	1.30 ± 0.05 g/cm ³	ASTM D297
Hardness	65 ± 5 Shore A	ASTM D2240
Tensile Strength	5 MPa	ASTM D412
Elongation at Break	300 %	ASTM D412
Compression Set (70 °C × 22 hrs)	40 %	ASTM D395

Values shown are typical and not intended for specification purposes.

Typical Applications

- Food and beverage processing equipment
- Seals and gaskets for hygienic applications
- Water and fluid handling systems
- Enclosure and equipment gaskets

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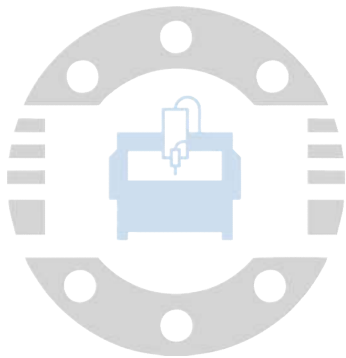
- Rubber pads, strips, and protective linings
 - General industrial applications requiring a clean EPDM material
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Manufacturing & Cutting Capability

- Available in sheet form and custom-cut components
 - Suitable for CNC oscillating knife cutting
 - Die-cutting and precision cutting available
 - Custom gasket shapes, sizes, and thicknesses available
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Storage & Handling

Store in a cool, dry place away from direct sunlight, ozone sources, oils, fuels, and extreme heat to maintain optimal service life.



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