

Advance Rubber Technology

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ISO9001 : 2015 Certified Company
UDYAM-MH-17-0039603
GSTIN : 27ASHPS2627J2ZC

Manufacture of Industrial & Textile Rubber Products - Rubber Gasket, Rubber Sheet, Extruded Rubber Products, Transparent Silicon Tube, Expansion Bellow, Gland Packing, Asbestos, Non Asbestos, Spiral Wound, Graphite Tangde, Moulded Gasket & PTFE Products Etc.

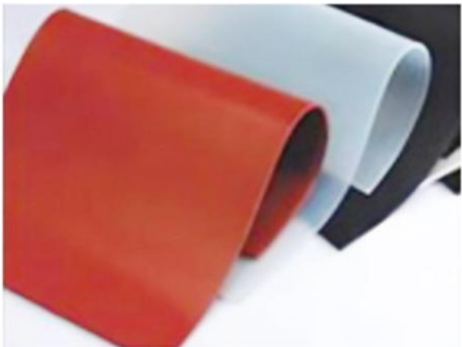
S. No.	Category Name	Specifications	Image
1	Neoprene Rubber Cord- IS:11149	Material: Neoprene (Polychloroprene Rubber) Standard Compliance: IS:11149 Hardness: 60 $\pm$ 5 Shore A (customizable on request) Diameter: Available from 3 mm to 50 mm (custom sizes available) Color: Black (other colors available on request) Tensile Strength: Minimum 7 MPa Elongation at Break: Minimum 250% Specific Gravity: 1.6 $\pm$ 0.5 Temperature Range: -20°C to +150°C Resistance: Weather, ozone, oil, mild chemicals, and abrasion	
2	Neoprene Rubber Sheet	Material: Neoprene (Polychloroprene Rubber) Thickness Range: 1 mm to 25 mm (custom sizes available) Width: Up to 1.5 meters (custom width available) Length: Standard roll length 5 to 10 meters Hardness: 60 $\pm$ 5 Shore A (other hardness available on request) Color: Black (other colors optional) Tensile Strength: Minimum 7 MPa Elongation at Break: Minimum 250% Specific Gravity: 1.6 $\pm$ 0.5 Temperature Range: -20°C to +100°C Surface Finish: Smooth on both sides / One side cloth impression (optional)	

		• Reinforcement: Plain or fabric reinforced (if required)	
3	Neoprene Rubber Moulded Articles	• Material: Neoprene (Polychloroprene Rubber) • Standard: As per customer specification / IS:3400 (for testing properties) • Design: Custom-designed moulded components as per specification • Hardness: 60 $\pm$ 5 Shore A (custom hardness on request) • Color: Black (other colors available as per requirement) • Tensile Strength: Minimum 7 MPa • Elongation at Break: Minimum 250% • Specific Gravity: 1.6 $\pm$ 0.5 • Temperature Range: -20°C to +150°C • Finish: Smooth or textured surface as per requirement	

4	Gasket and Packings - Compressed Asbestos Fibre Jointing as per IS 2712	• Material: Compressed Asbestos Fibre (CAF) • Standard Compliance: IS 2712 • Grades Available: • Grade A (for steam, oils, and alkalis) • Grade B (for general industrial use) • Grade C (for water and mild chemicals) • Thickness Range: 0.4 mm to 6 mm • Sheet Size: 1500 mm × 1500 mm or custom sizes • Tensile Strength: Min. 15 MPa (Grade A) • Compressibility: 7–17% (as per IS 2712) • Recovery: Min. 40% • Temperature Resistance: Up to 450°C • Pressure Resistance: Up to 100 bar (depends on grade) • Color: Green / Grey / Black (based on grade)	
5	PTFE Non Metallic Gasket	• Material: Virgin or Filled PTFE (Polytetrafluoroethylene) • Type: Non-metallic flat gasket (cut or molded) • Color: White (other colors for filled grades) • Thickness: 0.5 mm to 5 mm (custom sizes available) • Temperature Range: -200°C to +260°C • Pressure Rating: Up to 100 bar • Density: ~2.15 g/cm³ • Tensile Strength: Min. 15 MPa • Elongation at Break: Min. 150% • Chemical Resistance: Inert to almost all industrial chemicals • Friction Coefficient: Very low, non-stick surface • Standards (Optional): ASTM F104, FDA, or DIN EN 1514 (based on application)	

6	Gasket Sheet- IS:11149	• Material: Rubber-based sheet (Neoprene/Nitrile/EPDM based as required) • Standard Compliance: IS:11149 • Thickness Range: 0.5 mm to 12 mm • Width: Up to 1500 mm (custom width available) • Length: Standard roll length 5–10 meters or as per customer need • Hardness: 60 ± 5 Shore A • Tensile Strength: Minimum 7 MPa • Elongation at Break: Minimum 250% • Specific Gravity: ~1.6 ± 0.5 • Temperature Resistance: -20°C to +100°C • Finish: Smooth or cloth-impression finish available	
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7	Gasket	• Material: Rubber, PTFE, CAF, or metal-reinforced • Type: Flat, spiral wound, ring type, or custom profile gaskets • Standard Compliance: As per IS/BS/DIN/ASME standards specifications • Hardness: 60 ± 5 Shore A (for rubber gaskets) • Thickness: 1 mm to 10 mm (customizable) • Temperature Range: -20°C to +300°C (depending on material) • Pressure Rating: Up to 150 bar (material dependent) • Tensile Strength: Min. 7 MPa (for rubber-based gaskets) • Surface Finish: Smooth or textured, as required • Color: Black / White / Green / Metallic (based on material)	
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8	Silicon Rubber	• Material: High-grade Silicone Rubber • Color: Red / Transparent / White / Blue (as per requirement) • Hardness: 60 ± 5 Shore A (custom hardness on request) • Temperature Range: -60°C to +200°C (can go up to +250°C for special grades) • Tensile Strength: ≥ 7 MPa • Elongation at Break: ≥ 300% • Specific Gravity: 1.2 ± 0.5 • Electrical Properties: Excellent insulation resistance • Compression Set: ≤ 35% (22 hrs at 175°C) • Toxicity: Food and medical grade available (FDA compliant if required) • Standards: as per standard	
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9	Shielding Gasket	• Material: Conductive elastomer (e.g., silicone with silver, nickel, or graphite fillers) / Metal-filled rubber • Type: EMI/RFI shielding gasket • Shape/Form: Available in strip, die-cut, or custom-moulded forms • Hardness: 60 ± 5 Shore A (standard; customizable) • Surface Resistivity: < 0.05 Ω·cm (depending on filler type) • Operating Temperature: -40°C to +160°C • Compression Set: ≤ 30% • Shielding Effectiveness: Up to 100 dB @ 30 MHz–1 GHz (depending on configuration) • Flammability: UL 94 V-0 grade (available upon request) • Adhesive: Optional pressure-sensitive conductive/non-conductive adhesive backing	
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10	Neoprene Rubber Bellow	• Material: Neoprene (Polychloroprene) Rubber • Design: Moulded / Fabric-reinforced • Color: Black (standard) • Hardness: 60 ± 5 Shore A • Tensile Strength: ≥ 7 MPa • Elongation at Break: ≥ 250% • Compression Set: ≤ 35% • Temperature Range: -20°C to +150°C • Resistance: • Oil and grease • Heat and weathering • Mild chemicals • Flame-retardant (on request) • Construction: Single/multi convoluted, cylindrical or rectangular types • Mounting: Flanged, clamped, or custom-fit ends	
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11	Non-Metallic Bellow	• Material: Rubber (Neoprene, EPDM, Nitrile, or Silicone), PTFE, or fabric-reinforced rubber • Construction: Moulded or stitched/fabricated as per design • Shape: Cylindrical, rectangular, or conical (customizable) • Color: Black, grey, or as specified • Hardness: 50–70 Shore A (based on application) • Temperature Range: -30°C to +150°C (depending on material) • Tensile Strength: Min. 7 MPa (for rubber-based bellows) • Elongation at Break: Min. 250% • Mounting Ends: Clamped, flanged, or collar type • Resistance: ○ Weather, dust, and moisture ○ Vibration and mechanical shock ○ Mild acids, oils, and chemicals (material dependent)	
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12	spiral wound metallic gasket	Type: Spiral Wound Gasket with Inner and/or Outer Rings (optional), as per ASME B16.20 / DIN / IS standards Material Composition: • Metallic Winding Strip: SS 304, SS 316, SS 321, Inconel, Monel, or other alloys • Filler Material: Graphite, PTFE, Mica, or Ceramic (based on application) • Outer/Inner Ring: Carbon Steel, SS 304/316, or coated steel Construction: Formed by spirally winding V-shaped metal strip and a soft filler under controlled tension Dimensions: • Sizes: ½" to 60" (custom sizes available) • Thickness: Standard 3.2 mm, 4.5 mm, 6.4 mm (or custom) Operating Parameters: • Temperature Range: ○ Graphite filler: -200°C to +550°C ○ PTFE filler: -200°C to +260°C • Pressure Rating: ○ Up to 250 bar (depending on design and ring configuration) Gasket Style Options: • Style CG – With Outer Ring (centering) • Style CGI – With Inner & Outer Ring • Style R – Basic Spiral Wound Gasket (no rings) • Style RIR – With Inner Ring only
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