

Rubber Gaskets — Common Sizes / Applications

1) Nitrile Rubber — NBR / Buna-N

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	0.5, 1.0, 1.5, 2, 3, 4, 5, 6, 8, 10	Thin (0.5 - 1.5 mm) for instrument covers; 1.5 - 4 mm for pumps/valves; ≥ 5 mm for heavy housings.
Imperial thickness	1/64", 1/32", 1/16", 1/8", 1/4", 3/8", 1/2"	Common imperial gauges for US suppliers.
Sheet panels / rolls	1000×1000 mm, 1000×1500 mm, 1500×1500 mm; roll widths 1000 - 1500 mm	Panels for die/CNC cutting multiple gasket patterns.
Colors	Black (standard); white/food-grade available for selected compounds	Food-grade NBR for vegetable/animal oil contact (check FDA listing).

2) EPDM — Ethylene-Propylene (EPR / EPDM)

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	1.0, 1.5, 2.0, 3.0, 4, 5, 6, 8, 10	Thin for HVAC & small flanges; 1.5 - 4 mm for water and steam pipe gaskets.
Sheet formats	Standard panels (~1000×1000 / 1500×1000 mm) and rolls	Outdoor weatherseals and steam piping gaskets.

3) Neoprene — Chloroprene Rubber (CR)

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	1, 1.5, 2, 3, 4, 5, 6, 8	1 - 2 mm for small covers; 2 - 6 mm for pump housings, seawater flanges.
Sheet sizes / widths	1000 - 1500 mm widths; custom panels	Marine gaskets, HVAC, general plant service.

4) Silicone Rubber — VMQ (Silicone)

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	0.5, 1.0, 1.5, 2, 3, 4, 5, 6, 8, 10	Thin food-grade seals 0.5 - 1.5 mm; 2 - 6 mm for oven door seals, engine covers, medical devices.
Sheet panels / rolls	Common panels and wide rolls; food/medical grades often white/translucent	Food, pharma, medical and temperature-extreme gaskets.

5) Fluoroelastomer — FKM / Viton®

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	0.8, 1.0, 1.5, 2, 3, 4, 5, 6	1 - 3 mm for fuel/oil flange seals and pump housings; thicker for heavy duty.
Sheet panels	1000×1000 mm and similar panels (specialty supplier stock)	Fuel systems, corrosive chemical process seals, high-temp rotating equipment.

6) Hydrogenated Nitrile — HNBR

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	1, 1.5, 2, 3, 4, 5	Engine compartment gaskets, high-temp hydraulic housings.

7) Natural Rubber — NR

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	1.5, 2, 3, 4, 5, 6, 8	Wear pads, dynamic machine cover gaskets, vibration damping.
Sheet panels	Standard 1000×1000 mm panels; custom sizes	Industrial machinery, belts, protective covers.

8) SBR — Styrene-Butadiene Rubber

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	1, 1.5, 2, 3, 4, 6	Low-duty flanges, protector gaskets, low-pressure housings.

9) Butyl Rubber — IIR (Butyl)

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	1.5, 2, 3, 4, 5, 6	Vapor barrier gaskets, tank lid seals, low-leak applications.

10) Polyurethane — PU (Polyurethane Elastomer)

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	3, 4, 5, 6, 8, 10, 12, 15	Wear strips, rollers, heavy-duty flange seals where abrasion is primary concern.
Sheet sizes	1.0 - 1.5 m wide panels, custom lengths	Machine mounts, wear parts, industrial seals.

11) Cork / Cork-NBR Composite (soft cork gaskets)

Common sizes & typical application scenarios

Item	Typical stock / notes	Typical applications
Thickness (mm)	1.5, 2.0, 2.5, 3.0, 4.0	Valve covers, oil pan gaskets, low-pressure machinery covers.
Sheet sizes	Standard panels 1000×1000 / 1500×1000 mm; die cut gaskets common	Automotive replacement gaskets and light industrial covers.