

Asbestos Gasket Sheet — Size Chart / Common Sizes / Specifications

1) Compressed Asbestos Fibre (CAF) — rubber-bonded jointing sheets (most historically used “asbestos gasket sheet”)

Common sizes & typical application scenarios

Item	Typical stock / range	Typical application scenarios
Thickness (mm)	0.5, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0 (some suppliers offer 8 - 10 mm).	0.5 - 1.5 mm: thin flange gaskets, small pipe flanges, instrumentation. 2 - 4 mm: general-purpose piping flanges, pumps. 5 - 6 mm+: heavy-duty flanges, large-diameter joints, where thicker compressible filler needed.
Typical sheet formats	1500×1500 mm, 1524×1524 mm (60" ×60"), 2000×1500 mm, or cut-to-size/rolls depending on vendor.	Large-format sheets used where multiple gaskets are die-cut or CNC-cut from one sheet.
Reinforced styles	Wire-mesh (steel) reinforced CAF sheets (tanged or embedded)	Use where flange gaps are narrow, bolt loads vary rapidly, or where higher mechanical stability is required (exhaust manifolds, high vibration).
Surface finish / treatments	Anti-stick (release) coat; graphite impregnated variants	Anti-stick for easier removal; graphited for high-temperature, low-creep application.
Common flange / standard matches	Cut to ASME B16.21 / DIN / JIS gaskets; custom die-cut to ASME flange sizes	Typical gasket thickness selection is driven by flange specification and leakage class (ref. ASME / plant standard).
Example application scenarios (by thickness)	- 0.5 - 1.5 mm: small nominal pipe sizes, instrumentation, low-pressure services. - 2 - 4 mm: pump casings, general industrial piping (water/steam up to grade limits). - 5 - 6 mm & reinforced: heavy-duty steam lines, boilers, exhaust manifolds, heat exchangers where greater compressibility or stress distribution is needed.	

2) Reinforced / Wire-mesh (metal-reinforced) asbestos gasket sheets

Common sizes & typical application scenarios

Item	Typical stock / range	Typical application scenarios
Thickness (mm)	Commonly 1.5, 2, 3, 4, 5 (reinforced styles may be manufactured to customer thickness).	Used where flange faces are narrow / high bolt stress — e. g., diesel exhaust manifolds, compressor flanges, power-plant piping transitions.
Sheet formats	Often similar to CAF sheets; cut-to-shape as ring/oval gaskets.	Reinforced rings used in rotating equipment and intermittent high-temp joints.

3) Asbestos millboard / insulating sheets (high-temperature insulation gaskets)

Common sizes & typical application scenarios

Item	Typical stock / range	Typical application scenarios
Thickness (mm)	3, 6, 10, 12, 15, 20 (board thicknesses vary widely)	Insulation boards cut to shape for furnace doors, kiln seals, oven barriers.
Sheet formats	Large boards sized per kiln / furnace needs	Custom-cut to thermal application geometry.

4) Asbestos rope / yarn & woven gasket materials

Common sizes & application scenarios

Item	Typical stock / range	Typical application scenarios
Cross-section / diameters	Rope diameters commonly 6 mm to 25+ mm	Furnace door seals, boiler door packing, oven joints.
Form	Braided rope, wrapped rings	Used where a compressible, high-temperature seal is needed; must avoid abrasion and fiber release.

5) Typical supplier thickness & sheet-format summary (quick reference)

Material family	Typical thickness range (mm)	Typical sheet formats (mm / imperial)
CAF (rubber-bonded)	0.5 - 6 (common); some grades up to 10 - 12 mm	1500×1500, 1524×1524 (60" ×60"), 2000×1500; cut-to-size
Reinforced CAF	1.5 - 6 mm common	Same sheet sizes, often smaller cut rings supplied
Millboard	3 - 20+ mm (boards)	Large boards, custom cuts
Rope / yarn	∅ 6 - 25+ mm	Supplied in coils or pre-made rings