

Graphite Gasket



Our graphite gaskets are made from homogeneous graphite, reinforced by metal mesh, foil or tanged metal. They offer excellent sealing capabilities such as thermal stability, self-lubrication, corrosion resistance, not being brittle or aging. They are with long life and less maintenance is required under extreme conditions.

The rimmed metal gaskets are improved from pure cut gaskets. The metal rims at inner and outer edges offer a special protection against blowout and chemical corrosion for the gaskets, and increase the pressure resistance capability.

Applications:

Widely used in petrochemical, mining, vessels, boilers, piping and ducts, pumps and valves, flanges etc. Suitable for steam, mineral oil, heat transfer oil, hydraulic oil, fuel, water, seawater, freshwater, and so on.

Styles:

Gasket style	GA1000	GA1000R1	GA1000R2	GA1000R3
Material sheet style	GS1000	GS1000R1	GS1000R2	GS1000R3
Sheet construction				
Inserted material	None	Tanged metal plate (0.25mm CS, 0.1mm SS304, 316)	0.05mm/0.1mm metal foil (SS304, 316, etc.)	0.2mm metal mesh (CS, SS304, SS316, etc.)
Without rim	GA1001	GA1001R1	GA1001R2	GA1001R3
With inner rim	GA1002	GA1002R1	GA1002R2	GA1002R3
With outer rim	GA1003	GA1003R1	GA1003R2	GA1003R3
With inner & outer rim	GA1004	GA1004R1	GA1004R2	GA1004R3

Style examples:

GA1000R1 Tanged metal plate reinforced graphite gasket

GA1004R1 Tanged metal plate reinforced graphite gasket with inner & outer rim

Specifications:

Style	GA1000	GA1000R1	GA1000R2	GA1000R3
Temperature	-200°C~+650°C	-200°C~+550°C	-200°C~+550°C	-200°C~+550°C
Maximum pressure	30bar	200bar	150bar	150bar
PH range	0~14	0~14	0~14	0~14

Dimensions:

According to standards of ASME B16.21, EN1514-1, etc. Special sizes and shapes are also available upon request.