

Metal Jacketed Gasket



GA9300 Metal jacketed gasket

Our metal jacketed gaskets (MJG) take graphite, non-asbestos material, ceramic fibers material, etc. as the filler material, and thin stainless steel foil, carbon steel foil, copper foil, etc. as the covering metal jacket. This kind of structure effectively protects the filler against pressure conditions, fluctuating temperatures and corrosion, providing outstanding resilience and efficient sealing.

GA9310 Single jacketed gasket



GA9310 has one of its contact surfaces covered and is ideally suited for comparatively narrow flange widths in circular and non-circular configurations. Suited for low pressure applications such as boilers, compressors, pumps, and diesel and gasoline engines, but not recommended for standard pipe flanges.

GA9320 Double jacketed gasket

The filler material is completely enclosed by a two-piece metal jacket, which covers both the inside and outside diameters and both contact surfaces. It is designed for high pressure and temperature applications.

GA9321 Flat double jacketed gasket



The metal jacket is made in plain surfaces.

GA9322 Corrugated double jacketed gasket



The metal jacket is formed from a corrugated jacket providing better resilience than the GA9321, since the corrugations form multi-seals across the flange sealing face.

Metallic Jacket Materials:

CS, Soft Iron, SS304, SS304L, SS316, SS316L, Copper, Aluminum, Monel 400, etc.

Non-metallic Filler Materials:

Flexible graphite, asbestos, non-asbestos, PTFE, ceramic fiber, etc.

Service Limits:

Jacketing material	Maximum temperature	Pressure
Carbon steel	300°C	20~60bar
Copper	400°C	20~60bar
Stainless steel (SS304, SS316, etc.)	530°C	20~60bar

Dimensions:

Outer diameter: up to 5000mm;

Thickness: from 2mm to 8mm.

Our MJG come in sizes according to standards ASME B16.20, EN 1514-4, or other sizes required by customers.