

Corrugated Metal Gasket



GA9400 Corrugated metal gasket

GS9400 gasket has outstanding mechanical strength and thermal conductivity, capable of withstanding high temperature, almost no limitation on size, and trouble-free on handling and installation even for large size.

The gasket has been proven to be both reliable and cost-effective for the application on flanges and heads where bolt loading is sufficient. Typically used in high temperature applications and applications involving steam, water, gas, oil, etc.

GA9410 Corrugated metal gasket basic style

The corrugations in the gasket provide multi-seals across the face of the gasket and inherent resilience.

GA9420 Corrugated metal gasket with layer

The gasket is available to be covered with non-metallic material layers on both sides. It is normally used in low-pressure applications at high temperatures. It is suitable for gas pipes and valve caps, or wherever acids, oils and chemicals are found.

GA9422 Corrugated metal gasket with layer and inner rim

The inner rim protects the sensitive layers when mounting and could be advantageous at high temperatures.

Metallic Materials:

Metal material	DIN material No.	Density	Hardness	Temperature
CS/Soft Iron	1.1003/1.0038	7.85g/cm ³	90~120 HB	-60°C~+500°C
SS304, SS304L	1.4301/1.4306	7.9g/cm ³	130~180 HB	-250°C~+550°C
SS316, SS316L	1.4401/1.4404	7.9g/cm ³	130~180 HB	-100°C~+550°C

Other metal materials are also available on request.

Non-metallic Layer Materials:

Flexible graphite, PTFE, non-asbestos material, etc.

Normally in thickness of 0.5mm, 1mm, 1.5mm.