

Semi Metallic Gasket

Semi-metallic gaskets are gaskets that combine metallic materials with non-metallic materials such as expanded graphite and millboard. Using cushion of composite material, we have both heat resistance close to that of metal gasket and high sealability. Expanded graphite coated metal corrugated gaskets and metal jacketed gaskets are available and are used in a very wide industrial fields range.

PILLAR No. 1200G-H Expanded Graphite Coated Metal Corrugated Gasket

Pillar No.1200G-H is a gasket with a structure in which both surfaces of a metal plate (316L or equivalent) and the one subjected to corrugated (corrugated) are laminated with a PILLARFOIL® sheet. It has many excellent features such as high sealability at low tightening, high compression amount, and high followability respecting equipment precision.



Specifications

- Operating temperature ... -200 °C~+450°C
(In the case of oxidizing atmosphere, ~ 400°C)
- Max. pressure ... 5.2MPaG (Class 300)

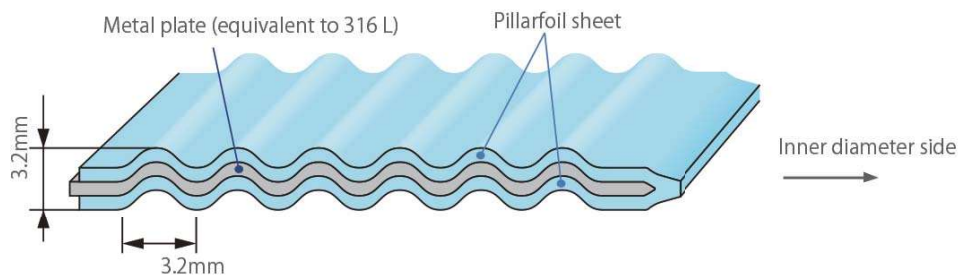
Main applications

Pipe flange / valve bonnet used for high temperature steam, oil etc.

Design specifications

Min. designed tightening stress $y(N/mm^2)$	25.5
Gasket factor m	2
Min. tightening stress $Y(N/mm^2)$	39.2※

※“Y” indicates the necessary minimum tightening stress which takes account of the contact area of the gasket.



Structure of Pillar No. 1200 G-H

※Please contact us for enquiries regarding 1.6 mm thickness lineup.