



Comparison of semi-metal gaskets

Product name

Construction

Features

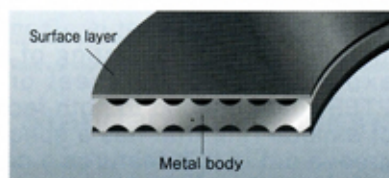
Service range

Recommended service range
 Usable range (The usable range varies according to the conditions of use. Be sure to consult us in advance.)

TOMBO No.

1891 series

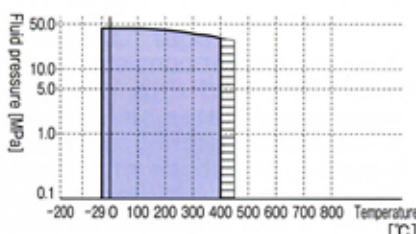
Kammprofile gasket



- Can be used even under severe conditions encountered in a heat cycle, and exhibits excellent sealing performance even when a small tightening force is used.
- There is no need for an inner ring to stop buckling. This enables this gasket to be designed with a narrow width.
- There is no need to worry about the gasket breaking up even in the case of a large bore gasket.
- Suitable for use in heat exchangers and pressure vessels.

Water-type, oil-type, gas-type or corrosive fluids

TOMBO No.1891-GR

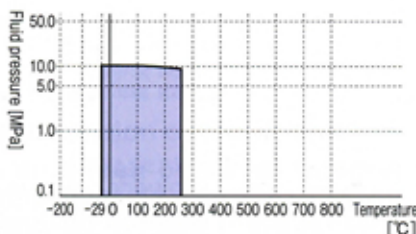


Maximum service temperature 450°C

Maximum service pressure Class 2500 (Approx. 43MPa)

Water-type, oil-type, gas-type or corrosive fluids

TOMBO No.1891-TF



Maximum service temperature 260°C

Maximum service pressure Class 600 (Approx. 10MPa)

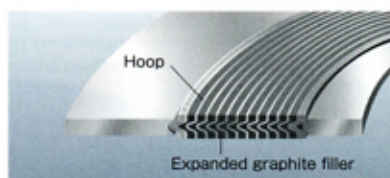
- * When using TOMBO No.1891 at Class 400 or higher, use an interlocking type (M&F) or a grooved type (T&G) flange.

For details of a kammprofile gasket, see P.35 and P.36.

TOMBO No.

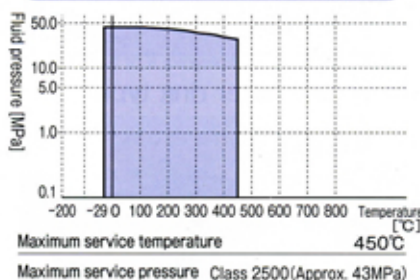
1834R-GR series ✓

GRASEAL™ Vortex™ gasket



- Exhibits excellent sealing performance even under at severe conditions such as high temperature and high pressure, extremely low temperatures, or heat cycles.
- It is suitable for a variety of applications in pipes, equipment, and so on.

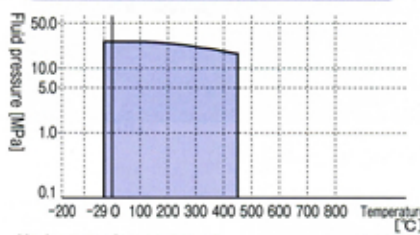
Water-type fluid



Maximum service temperature 450°C

Maximum service pressure Class 2500 (Approx. 43MPa)

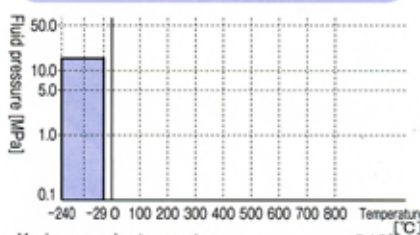
Oil-type, gas-type or corrosive fluids



Maximum service temperature 450°C

Maximum service pressure Class 1500 (Approx. 26MPa)

Low temperature fluids



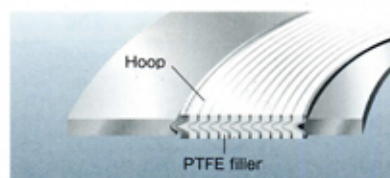
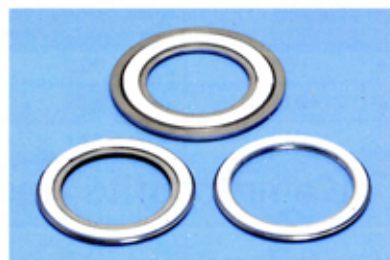
Maximum service temperature -240°C

Maximum service pressure Class 900 (Approx. 16MPa)

TOMBO No.

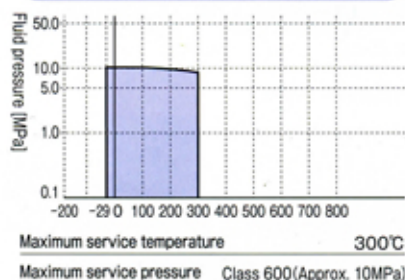
9090-IOR series ✓

NAFLON™ Vortex™ gasket



- Can be used with corrosive fluids and pure oxygen gas, in vacuum lines that require airtightness.
- Can be used in pipes, pressure vessels, heat exchangers, valve bonnets, and so on.

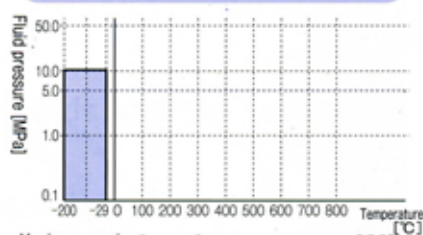
Water-type, oil-type, gas-type or corrosive fluids



Maximum service temperature 300°C

Maximum service pressure Class 600 (Approx. 10MPa)

Low temperature fluids



Maximum service temperature -200°C

Maximum service pressure Class 600 (Approx. 10MPa)