

PTFE Envelope Gasket**GA4050 PTFE envelope gasket**

Our PTFE envelope gaskets consist of asbestos, non-asbestos, rubber, corrugated stainless steel etc. as cushion material encased in PTFE envelope, resulting in gaskets with the excellent corrosion resistance of PTFE and the strength and resilience of core materials. It can be produced in several types to meet the most demanding applications.

GA4060 V style PTFE envelope gasket

The PTFE is slit in center from outside.

It is an economical solution for lower pressure applications.

**GA4070 Square style PTFE envelope gasket**

The PTFE is cut into square envelope form.

For use in mediums with higher pressure.

**GA4080 U style PTFE envelope gasket**

The PTFE is heat welded at the joint.

Normally for DN≥200mm.

**Applications:**

PTFE envelope gaskets are the ideal solution for applications demanding virtually 100% chemical resistance and where the mechanical properties of a compressed gasket material are also needed. They perform well in food processing industries where contamination of the medium is not permitted. Suitable for mediums like strong alkalis, cryogenic fluids, oxygen, chlorine gas, etc.

Properties:

Virtually 100% chemically resistant.

Temperature range from -180°C to +260°C, depending on the core.

Mechanical strength dependent on core selection.

Pressure: ≤4Mpa.

Dimensions:

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

Normal Thicknesses:

Thickness of core: 2.0mm;

Thickness of PTFE: 0.5mm + 0.5mm = 1.0mm.

From 20 mm to 500 mm: the gaskets are made in one piece;

From 500 mm upwards: the gaskets are welded. There are no size limitations for gaskets with welded envelopes.