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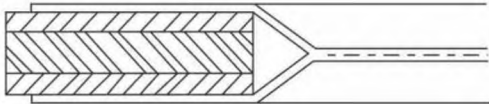
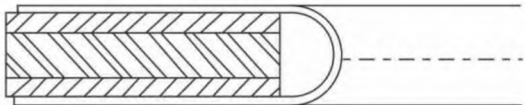
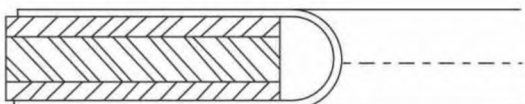
PTFE Encapsulated Gasket



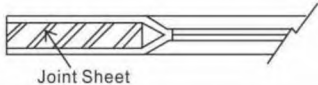
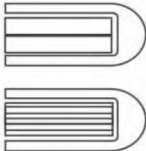
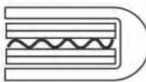
PTFE envelope and encapsulated gasket is mainly used in flat flanges and convex section steel pipe flanges connection.

- PTFE envelope gasket consists of two parts, cladding layer and insert filler. Insert filler is generally the non-metal sealing material with or without metal enhancement layer, such as asbestos rubber sheet, non-asbestos rubber sheet and graphite composite sheet board etc. PTFE envelope gasket is mainly used in flat flanges and convex section steel pipe flanges connection. According to different structures of the inner filler, there are v-shaped, u-shaped and L-shaped.

PTFE envelope gaskets are produced in several types to meet the most demanding applications: dissection cut PTFE envelope gasket /folding PTFE envelope gasket /mechanical processing PTFE envelope gasket.

NO.	Description	Cross Section
SG-G1204	Y Type, PTFE disc in center from out side.	
	C Type, PTFE tape heat sealed at one joint.	
	U Type, PTFE sheet machine cut to envelope form	

Service Range

Cushioning Material	Cross Section	(°C)Max Temperature	(kgf/cm ²) Pressure
NON-Asbestos Jointing Gasket	 Joint Sheet	260	30
Reinforced Graphite Gasket		260	50
Reinforced Gasket + SS316 Corrugated Gasket		260	60

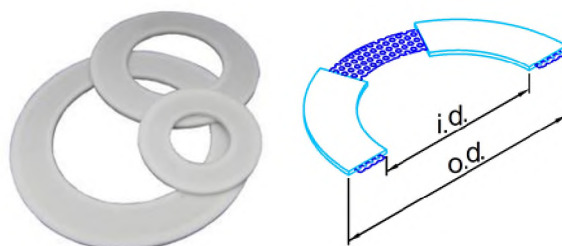
PTFE envelope gasket detail sheet

Specification

Pressure	≤4MPa
Temperature	-180°C~260°C
PH	0-14
Gasket factor	M =2.5
Gasket sealing	Y =20MPa
Size	OD≤1500mm (special size can be made as request)

Feature:

- 1.High chemical stability -combined with the different characteristics of the inner board material and corrosion resistance of PTFE
2. Low friction coefficient, conveniently mounted and dismounted
- 3.Good mechanical properties, good compressibility
- 4.Clean products can be used in food, medicine and other sealing parts which is not polluted.



Reusable PTFE Encapsulated Stainless Steel Reinforced Gasket

MVI reusable gaskets can be used in nearly all applications to seal metallic flange joints. They are far superior and cost effective compared with other designs such as envelope gaskets as they are reusable many times. Their design is extremely robust and they are very easy to install.

The MVI gasket offers superior performance than a standard virgin PTFE gasket as its inherent stainless steel core prevents cold flow of the PTFE which can lead to joint failure.

Due to the use of PTFE with its universal corrosion resistance the gasket can aid greatly with site standard being suitable for a varied range of applications across site.

Lined piping systems do not require gaskets to seal between the flange joints, the PTFE / PFA flange faces provide the seal. If the specification insists on gaskets to be fitted then PTFE envelope gaskets are recommended.

Application

Widely used in Oil chemical industries, Coal industries, paper making, weave, pharmacy, food, metallurgy industries.

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