

CONSTRUCTION

JUNIO G840 PTFE Gasket is molded or skived or cut from virgin PTFE powder or compounds, sheets, rods, tube etc. It has the best chemical corrosion resistance among known plastics. Without being aging, lowest friction coefficient, wear resistance. The unloaded operating temperature range is -180~+260C.

JUNIO G840M is PTFE gasket used filler materials such as glass fiber, carbon fiber and graphite etc. The filled PTFE has improved compression strength, better abrasion resistance, high thermal conductivity and lower thermal expansion compared with pure PTFE products.

Several types of PTFE gaskets are produced to meet the most demanding application.

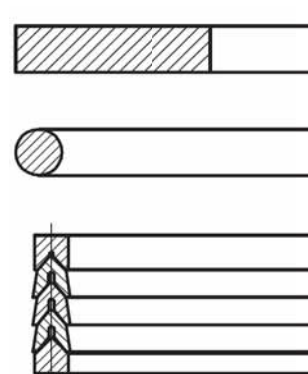


APPLICATION

JUNIO PTFE offers a wide range of compounded products with good mechanical properties, electrical properties, thermal properties, chemical resistance, low friction coefficient and good resistance to wear. They can be mostly used in valve seats, bearings, requested to resin sliding and chemicals, elastic band for unlubricated compressors. An extended range of improved mechanical and processing properties can be additionally reached by combination of virgin PTFE and different fillers.

Different combination offers a variety of different properties described in the following table

| Filler | Improved properties |
|----------|---|
| Glass | Enhance wear resistance Chemical resistance |
| Graphite | Extremely low coefficient of friction Fairly good compressive strength Good wear resistance |
| Carbon | Good thermal resistance Resistance to deformation |
| Bronze | Enhanced compressive strength Good wear resistance High thermal conductivity |



DIMENSION

_ASME B16.5, DIN, and any sizes any special shapes according to your requirement.

_JUNIO has more experience for manufacturing very small PTFE parts with high precise tolerance and large quantity, for example, inner or outer diameter with tolerance $\pm 0.02\text{mm}$, of course, it is economical for you to choose suitable tolerance.

_While a gasket with outer diameter more than 1000mm, you maybe consider to use our JUNIO-TEX 340 Expanded PTFE Joint Sealant Tape as gasket, it is very easy and economical, Though we can offer you PTFE gaskets with maximum external diameter of up to 2000mm, and without any joints.

All data quoted are based on our extensive tests and years of experience, however, they can only serve as guide values. Failure to select proper sealing products could result in property damage and serious injury. Specifications are subject to change without notice.

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