

Ticomp S (PTFE)

PTFE Product Description:

TICOMP S is a PTFE filled with a highly crystalline polymer. It is suitable for use with food; has chemical resistance almost equal to that of virgin PTFE; has high heat and wear resistance; as well as having high ductility and elongation.

PTFE Applications:

- High duty seals
- Low deformation gaskets
- Bearings at up to 240 °C

PTFE Delivery Program



PTFE Sheet

Thickness: 10 - 20 mm
Size: 610 x 610 mm



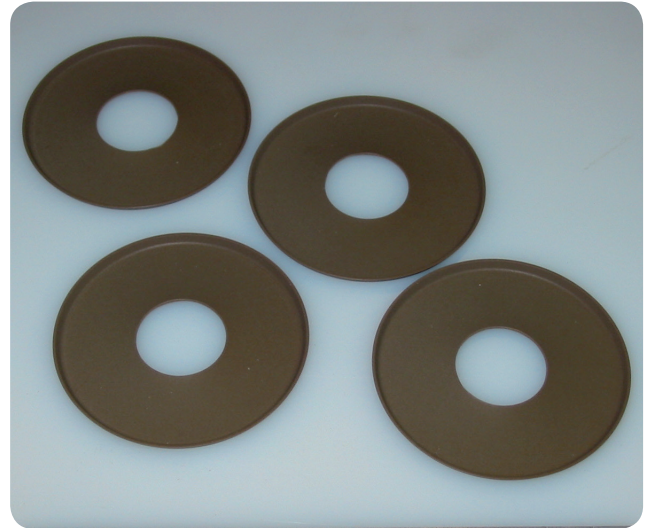
PTFE Rod

Diameters: 12 - 40 mm



PTFE Tube

Outside Diameter: 36 - 625 mm
(Maximum wall thickness 30mm)



Physical Properties

| | | |
|--|----------------------------|--------------------|
| Specific Gravity: | g/cm ³ | 2.10 |
| Continuous Operating Temperature: | °C | 260 |
| Tensile Strength: | Mpa | 27.2 |
| Impact Resistance: | Izod ASTM D296 J/m | - |
| Hardness: | Shore D | 65 |
| Co-efficient of Thermal Expansion: | mm/(mmxK)x10 ⁻⁶ | MD=83 |
| Dielectric Strength: | KV/mm | 2.25 |
| Surface Resistivity: | Ohms | 1x10 ¹⁵ |
| Flammability Flash Point: | °C | - |
| Elongation: | CD% | 503 |
| Co-efficient of Friction: Test Method Polish Steel 23°C | Static | 0.23 |

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