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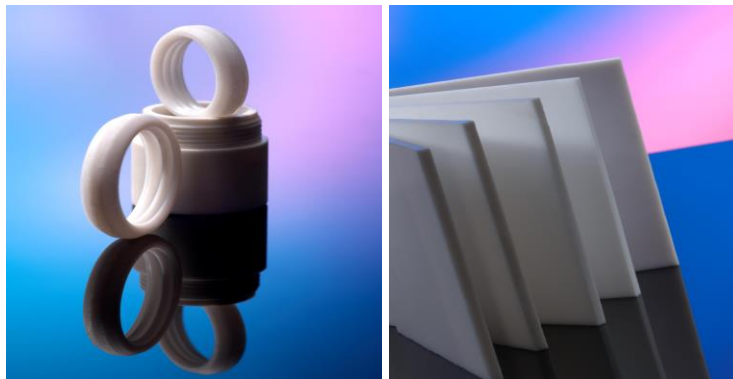
PTFE



Commonly referred to as Teflon®, PTFE provides true chemical inertness. PTFE is unaffected by most known chemicals, including alkaline solutions, acids and solvents, and also offers extremely low coefficients of friction. Under moderate loads, PTFE can be used in temperatures up to 500°F, and in liquid nitrogen, as low as -325°F.

Other favorable properties of PTFE include:

- Optimal dielectric characteristics
- Self-lubricating and non-sticking
- High mechanical resistance obtained by means of charge modification
- Excellent resistance to aging (even in UV exposure)
- Non-flammable
- Good heat insulation
- Excellent tool workability
- Bio-compatibility and suitability for contact with food (FDA compliant)



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PTFE



By utilizing different fillers in PTFE, the basic properties of the virgin polymer can be improved. Fillers are regularly used to provide added benefits such as enhanced compressive strength, thermal conductivity, reduced thermal expansion and reduced wear factors. Common fillers are glass, graphite, bronze, carbon and platinum in various percentages.

Wholesale International is able to supply PTFE:
Inch & Metric O-Rings
Back Up Rings (solid, split, spiral)
Custom Shapes
Rods & Tubes
Sheets



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