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## KLINGER tc-1006

KLINGER tc-1006 is a high quality, yet cost-effective biaxial oriented modified PTFE gasket material with barium sulphate that offers superior sealability, excellent torque retention, and reduced creep relaxation. Use gaskets from tc-1006 for most chemical applications. This gasket material is free of pigments and meets FDA conformity.

Basis: Modified PTFE matterial with barium sulphate.

### Typical Values

Pressure Limit	1235 psi
Temperature Range	-450F to 500F
Compressibility ASTM F36 M	6%
Recovery ASTM F36 M	40%
Liquid Leakage ASTM F37	< 0.02 ml/hr
Creep Relaxation ASTM F38	13%
Tensile ASTM F152	2320 psi
Density	180 lbs/ft <sup>3</sup>
Gas Leakage BS7531	< 0.004 mL/min
Dielectric Strength ASTM 149	21 kV/mm
Color	White

The ability of a gasket to make and maintain a seal depends not only on the style and quality of the gasket material, but also on the medium being sealed, the flange design, the amount of pressure applied to the gasket by the bolts and how the gasket is assembled onto the flanges and tightened. These factors are beyond the manufacturer's control.