

## KLINGER-tc-1003

KLINGER-tc-1003 is a high quality, yet cost-effective modified PTFE gasket material with glass spheres. A proprietary pressure-sintering and blending process combined with the highest quality raw materials produces a reinforced PTFE sheet that offers superior sealability, excellent torque retention, and reduced creep relaxation. Gaskets cut from this material are exceptionally effective when lower bolt loads are needed to effect a seal.

Uses include moderate concentrations of acids and caustics, chlorine, hydrocarbons, solvents, hydrogen peroxide, refrigerants, cryogenics and all concentrations of sulfuric acid.

Sheet size: 60" X 60" (Standard)



Pressure Limit (PSI)	800
Temperature Limit	-350° to +500° F
<b>Compressibility</b> ASTM F36	20% - 35%
<b>Recovery</b> ASTM F36	30%
<b>Sealability</b> ASTM F37 (ml/hr.)	0.007
<b>Creep Relaxation</b> ASTM F38	30%
Specific Gravity ASTM D792	2.10
Tensile ASTM F152 (PSI)	2100
Elongation ASTM D638	372
Hardness, Shore D2 ASTM D1700	57



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