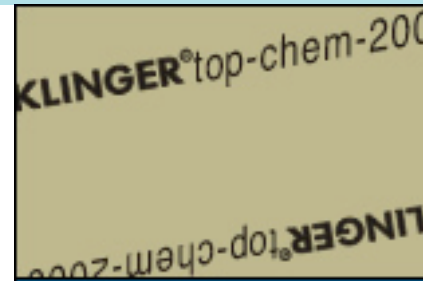


**Thermoseal PTFE Products**
**KLINGER®top-chem-2000**

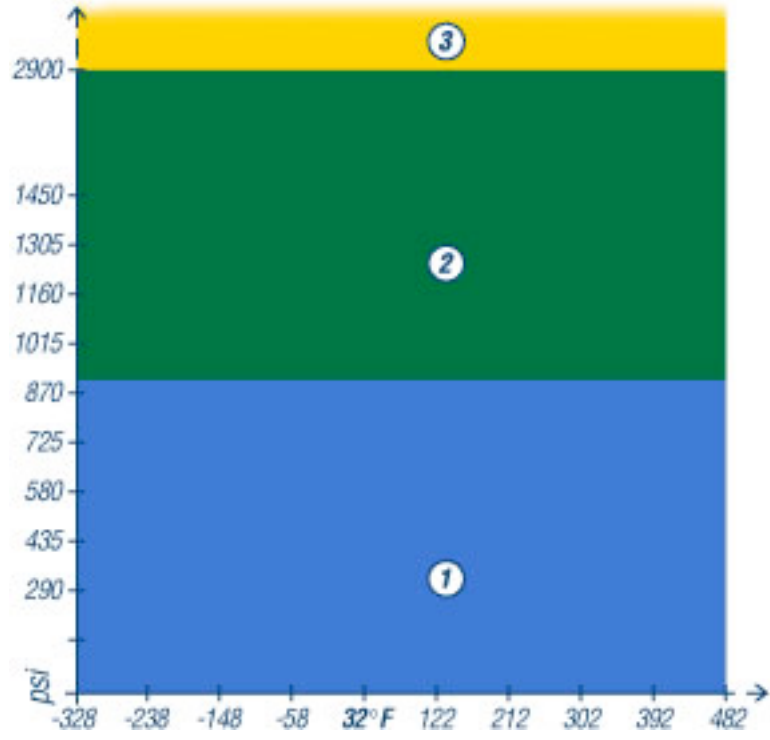
• Fire Tested - API 6FA • Universal application use in the chemical and petrochemical industries • FDA compatible • Ideal for higher temperatures and pressures • Holds shape for thermal cycles

See graphs for temperature and pressure limits.



<b>Ref. Thickness of Measured Values</b>	1.5 mm
<b>Density</b>	2.5 g/cm <sup>3</sup>
<b>Compressibility</b> ASTM F36	2%
<b>Recovery</b> ASTM F36	55%
<b>Stress Relaxation</b>	
DIN 52913, 16h 7,250 psi, 570°F DIN 52913, 16h 4,350 psi, 300°F	35 MPa 28 MPa
<b>Klinger Cold/Hot Compression</b>	
75°F/7,250 psi 480°F/7,250 psi	2% 5%
<b>Sealability</b>	
DIN 3535/6 DIN 28090-2	0.5 ml/min 0.05 mg/sm
<b>Thickness/Weight Increase</b>	
H <sub>2</sub> SO <sub>4</sub> , 100%: 18h/75°F HNO <sub>3</sub> , 100%: 18h/75°F NaOH, 33%: 72h/230°F	1-1% 1-2% 1-3%
<b>Permits/Certifications</b>	BAM certification KTW proposal DIN-DVGW permit Fire Tested API 6FA FDA conformity TA-Luft certification Germanischer Lloyd United States Coast Guard Registro Italiano Navale Det Norske Veritas AS RoHS Certificate 2002/95/EG

## Pressure & Temperature Graphs



For additional information, call Beacon Gasket & Seals Co. at 216-539-5000 or email [sales@beacongasket.com](mailto:sales@beacongasket.com).