

KLINGER[®]top-chem-2000

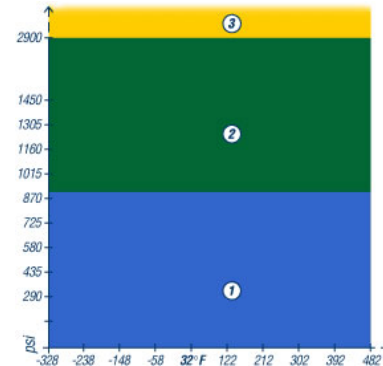
- Fire Tested - API 6FA
- Universal application use in the chemical and petrochemical industries
- FDA compatible
- Ideal for higher temperatures and pressures
- Holds shape for thermal cycles

See graphs for temperature & pressure limits



Ref. Thickness of Measured Values	1.5 mm
Density	2.5 g/cm ³
Compressibility ASTM F36	2%
Recovery ASTM F36	55%
Stress Relaxation	
DIN 52913, 16h 7,250 psi, 570°F	35 MPa
DIN 52913, 16h 4,350 psi, 300°F	28 MPa
Klinger Hot Compression Test	
75°F/7,250 psi	2%
480°F/7,250 psi	5%
Sealability	
DIN 3535/6	0.5 ml/min
DIN 28090-2	0.05 mg/sm
Thickness/Weight Increase	
H ₂ SO ₄ ,100%: 18h/75°F	1-1%
HNO ₃ ,100%: 18h/75°F	1-2%
NaOH,33%: 72h/230°F	1-3%
Permits/Certifications	
ASTM D149-95a	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



The pressure/temperature graphs shown are the most current method of determining the suitability of a gasket material in a known environment. Use the pressure and temperature graphs to select the most suitable material for your application.

1. In area one, the gasket material is suitable using common installation practices subject to chemical compatibility.
2. In area two, appropriate measures are necessary for installation of the gasket to ensure maximum performance. Please call or refer to the KLINGER[®] expert software system for assistance.
3. In area three, do not install gaskets in these applications without first referring to the KLINGER[®] expert software system or contacting Thermoseal Inc.'s technical support service

These graphs were developed from testing Klinger materials. Do not use them for competitors' materials since non-asbestos gasketing materials do not have service equivalents.



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