



Thermoseal PTFE Products

KLINGER®top-chem-2003

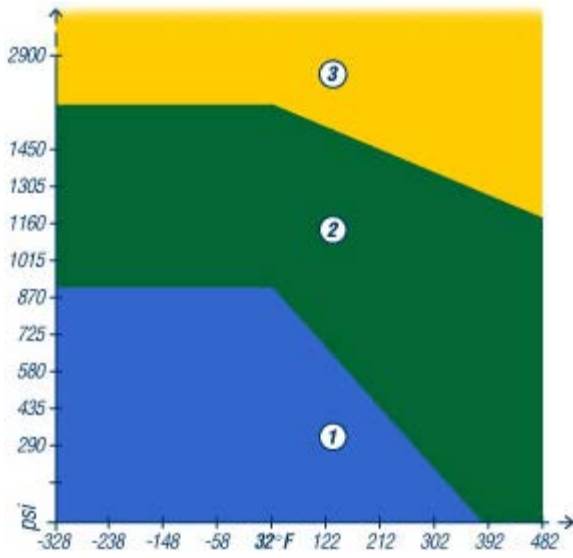
- Ideal for low bolt applications or where flanges are delicate
- Excellent chemical resistance to acidic and alkaline attack
- Highly compressible
- FDA compatible
- Ideal for higher temperatures and pressures
- Holds shape for thermal cycles



See graphs for temperature and pressure limits

Ref. Thickness of Measured Values	2 mm
Density	1.7 g/cm ³
Compressibility ASTM F36	18%
Recovery ASTM F36	40%
Stress Relaxation	
DIN 52913, 16h 4,350 psi, 300°F	13 MPa
Klinger Cold/Hot Compression	
75°F/3,625 psi	9%
480°F/3,625 psi	38%
Sealability	
DIN 3535/6	0.1 ml/min
DIN 28090-2	0.01 mg/s m
Thickness/Weight Increase	
H ₂ SO ₄ ,100%: 18h/75°F	n/a - 1%
HNO ₃ ,100%: 18h/75°F	n/a - 5%
NaOH,33%: 72h/230°F	n/a - 2%
Permits/Certifications	
	KTW proposal
	DIN-DVGW permit
	FDA conformity
	TA-Luft certification
	Germanischer Lloyd

Pressure & Temperature Graphs ([Click here to learn more about graphs](#))



For Additional Information Call Toll Free 1.800.990.7325 or email info@thermosealinc.com.