

Thermoseal KLINGER® top-chem-2005 PTFE Gasketing

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Economical alternative when service conditions are moderate Suitable for a wide range of applications in the chemical industriesExcellent chemical resistance in strongly acidic applicationsFDA compatibleHolds shape for thermal cyclesPermits/Certifications: KTW proposal; DIN-DVGW permit; FDA conformity; TA-Luft certification and Germanischer LloydInformation provided by Thermoseal Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Thermoseal-KLINGER-top-chem-2005-PTFE-Gasketing.php

Physical Properties	Metric	English	Comments
Density	2.00 g/cc	0.0723 lb/in ³	
Thickness	1500 microns	59.1 mil	Thickness tested

Descriptive Properties	Value	Comments
Compressibility	7 percent	ASTM F36
Klinger Cold/Hot Compression	10 percent	75°F/3,625 psi
	30 percent	480°F/3,625 psi
Recovery	35 percent	ASTM F36
Sealability	0.02 mg/s m	DIN 28090-2
	0.2 ml/min	DIN 3535/6
Stress Relaxation	25 MPa	DIN 52913, 16h 4,350 psi, 300°F
Thickness/Weight Increase	2/2%	H2SO4, 100%: 18h/75°F
	2/7%	HNO3, 100%: 18h/75°F

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