

Thermoseal KLINGER® top-chem-2000 PTFE Gasketing

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Fire Tested - API6FA Universal application use in the chemical and petrochemical industries FDA compatible Ideal for higher temperatures and pressures Holds shape for thermal cycles Permits/Certifications: BAM certification; KTW proposal; DIN-DVGW permit; Fire Tested API6FA; FDA conformity; TA-Luft certification; Germanischer Lloyd; United States Coast Guard; Registro Italiano Navale; Det Norske Veritas AS and RoHS Certificate 2002/95/EG Information provided by Thermoseal Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Thermoseal-KLINGER-top-chem-2000-PTFE-Gasketing.php

Physical Properties	Metric	English	Comments
Density	2.50 g/cc	0.0903 lb/in ³	
Thickness	1500 microns	59.1 mil	Thickness tested

Descriptive Properties	Value	Comments
Compressibility	2 percent	ASTM F36
Klinger Cold/Hot Compression	2 percent	75°F/7,250 psi
	5 percent	480°F/7,250 psi
Sealability	0.05 mg/sm	DIN 28090-2
	0.5 ml/min	DIN 3535/6
Stress Relaxation	28 MPa	DIN 52913, 16h 4,350 psi, 300°F
	35 MPa	DIN 52913, 16h 7,250 psi, 570°F
Thickness/Weight Increase	1/1%	H2SO4, 100%: 18h/75°F
	1/2%	HNO3, 100%: 18h/75°F
	1/3%	NaOH, 33%: 72h/230°F

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