



KLINGER®tc-1005

KLINGER®tc-1005 is a high quality, cost-effective biaxial oriented modified PTFE gasket material with silica. The tc-1005 offers superior sealability, excellent torque retention, and reduced creep relaxation. Gaskets from tc-1005 are exceptionally effective when the reliability of a low deforming material is required. This material also meets FDA conformity.

TECHNICAL DATA SHEET

KLINGER®tc-1005

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color	--	--	Fawn
Basis	Modified PTFE material with silica		
Pressure Limit	--	psi	1235
Temperature Range	--	°F	-450 - +500
Compressibility	ASTM F36 M	%	7
Recovery	ASTM F36 M	%	45
Liquid Leakage	ASTM F37	ml/hr	< 0.30
Creep Relaxation	ASTM F38	%	35
Tensile	ASTM F152	psi	2320
Density	--	lbs/ft³	137
Gas Leakage	BS7531	mL/min	< 0.0005
Dielectric Strength	ASTM 149	kV/mm	20