



KLINGER®tc-1003

KLINGER®tc-1003 is a high quality, cost-effective biaxial oriented modified PTFE gasket material with hollow glass spheres. The tc-1003 offers superior sealability, excellent torque retention, and reduced creep relaxation. This material also meets FDA conformity.

TECHNICAL DATA SHEET

KLINGER®tc-1003			
PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Color	--	--	Light Blue
Basis	Modified PTFE material with hollow glass spheres		
Pressure Limit	--	psi	1235
Temperature Range	--	°F	-450 - +500
Compressibility	ASTM F36 M	%	35
Recovery	ASTM F36 M	%	45
Liquid Leakage	ASTM F37	ml/hr	< 0.25
Creep Relaxation	ASTM F38	%	31
Tensile	ASTM F152	psi	1885
Density	--	lbs/ft³	87
Gas Leakage	BS7531	mL/min	< 0.01
Dielectric Strength	ASTM 149	kV/mm	15