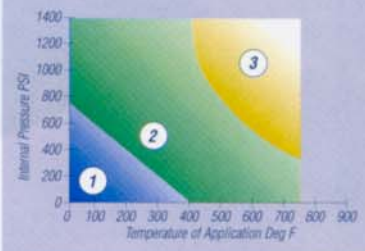
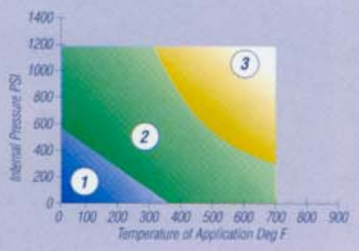
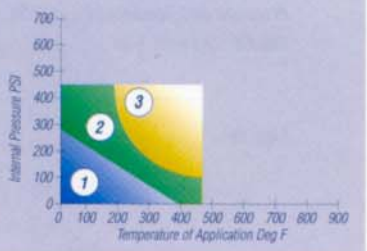
General Application Gasketing

	KLINGERSIL® C-4401	KLINGERSIL® C-4300	KLINGERSIL® C-4201
Distinguishing Characteristics & Applications See graphs for temperature and pressure limits. Typical values refer to 1/16" material unless otherwise specified. See pages 16 and 17 for test procedures	• Synthetic Fiber • Nitrile Binder • Excellent Sealability • Excellent Chemical Resistance • Good Creep Relaxation • Good General Purpose Sheet	• Synthetic Fiber • Nitrile Binder • Good Sealability • Good Chemical Resistance • General Purpose Sheet	• Synthetic Fiber • Nitrile Binder • Excellent Resistance to Oil & Solvents • Good Anti-Stick Properties • Excellent OEM Material
Creep Relaxation ASTM F38B (1/32")	20%	25%	20%
Sealability ASTM F37A (1/32")	< 0.25 ml/hr	< 0.25 ml/hr	< 0.50 ml/hr
Gas Permeability DIN 3535/6	< 0.5 ml/min	< 0.5 ml/min	< 0.5 ml/min
Compressibility ASTM F36J	7%	10%	7%
Recovery ASTM F36J	50% Minimum	50% Minimum	50% Minimum
Klinger Hot Compression Test			
Thickness Decrease 73°F (23°C)	10.5% Initial	10% Initial	11% Initial
Thickness Decrease 572°F (300°C)	17% Additional	25% Additional	19.5% Additional
Weight Increase ASTM F146 after immersion in Fuel B 5h/73°F (23°C)	10% Maximum	10% Maximum	10% Maximum
Thickness Increase ASTM F146 after immersion in:			
ASTM Oil 1, 5h/300°F (149°C)	0-5%	0-5%	0-5%
ASTM Oil IRM # 903, 5h/300°F (149°C)	0-5%	0-5%	0-5%
ASTM Fuel A, 5h/73°F (23°C)	0-5%	0-5%	0-5%
ASTM Fuel B, 5h/73°F (23°C)	0-7%	0-10%	0-5%
Dielectric Strength ASTM D149-95a	14 kV/mm	18 kV/mm	14 kV/mm
Leachable Chloride Content F.S.A. Method (Typical)	100 ppm	200 ppm	200 ppm
Density	112 lb/ft³ (1.8 g/cc)	100 lb/ft³ (1.6 g/cc)	119 lb/ft³ (1.9 g/cc)
Color (Top/Bottom)	Green	White or Black	White or Black
ASTM F104 Line Call Out	F712121B3E12K6M5	F712111B4E12K6M4	F712121B3E11K6M5
Pressure and Temperature Graphs Material Thickness: 1/16"			
Liquids			
Gases and Steam