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KLINGERSIL C-7400

KLINGERSIL C-7400 satisfies both sealing and electrical requirements. Resistant to moderate caustics and acids which makes it suitable for paper mills. It can also act as an insulator or barrier to the flow of electrons from one flange to another due to its high dielectric strength.

This material is manufactured with synthetic fiber reinforced with an EPDM binder.

Typical Values Refer To 1/16" Thick Material Unless Noted

Creep Relaxation ASTM F38B (1/32")	< 25%
Sealability ASTM F37A (1/32")	< 0.5 ml/hr
Gas Permeability DIN 3535/6	< 1.0 ml/min
Compressibility ASTM F36J	7-17%
Recovery ASTM F36J	> 45% Minimum
KLINGER Hot Compression Test Thickness Decrease 73F (23C) Thickness Decrease 572F (300C)	tested at 3625 psi gasket stress 15% Initial 17% Additional
Weight Increase ASTM F146 after immersion in Fuel B, 5h/73F (23C)	< 20%
Thickness Increase ASTM F146 after immersion in ASTM Oil IRM 901, 5h/300F (149C) ASTM Oil IRM 903, 5h/300F (149C) ASTM Fuel A, 5h/73F (23C) ASTM Fuel B, 5h/73F (23C)	0-20% 15-30% 0-20% 5-20%
Dielectric Strength ASTM D149-95a	22 kV/mm
Density ASTM F1315	94 lb/ft ³ (1.5g/cc ³)
Leachable Chloride Content FSA Method	200 ppm
ASTM F104 Line Call Out	F712441B4E34K6M4
Color	White/Gray