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KLINGERSIL C-4433

KLINGERSIL C-4433 is the ultimate steam sheet. It is excellent at higher temperatures and has outstanding load-bearing properties and excellent creep relaxation properties. This all-purpose utility sheet's range of applications is expanded for most petroleum-based media such as lubrication and hydraulic oils, solvents, and natural gas.

This material is manufactured with a combination of fiberglass and aramid and inorganic fibers reinforced with a nitrile binder.

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

Creep Relaxation ASTM F38B (1/32")	20%
Sealability ASTM F37A (1/32")	< 0.3 ml/hr
Gas Permeability DIN 3535/6	< 0.3 ml/min
Compressibility ASTM F36J	8-14%
Recovery ASTM F36J	50%
KLINGER Hot Compression Test Thickness Decrease 73F (23C) Thickness Decrease 572F (300C)	12% Initial 8% Additional
Weight Increase ASTM F146 after immersion in Fuel B, 5h/73F (23C)	10% Maximum
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)	0-5% 0-4% 0-5% 0-7%
Dielectric Strength ASTM D149-95a	21 kV/mm
Density ASTM F1315	112 lb/ft ³ (1.8g/cc ³)
Leachable Chloride Content FSA Method	150 ppm
ASTM F104 Line Call Out	F712132B3E12K6m%
Color	Red