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KLINGERSIL C-4430

KLINGERSIL C-4430 is a universal gasket material, suitable for a wide range of applications. It is resistant to water and steam at high temperatures as well as oils, gases, salt solutions, fuels, alcohols, moderate organic and inorganic acids, hydrocarbons, lubricants, and refrigerants.

This material is manufactured with a combination of aramid fiber and fiberglass reinforced with a nitril binder.

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

Creep Relaxation ASTM F38B (1/32")	20%
Sealability ASTM F37A (1/32")	< 0.5 ml/hr
Gas Permeability DIN 3535/6	< 0.5 ml/min
Compressibility ASTM F36J	6-14%
Recovery ASTM F36J	50% Minimum
KLINGER Hot Compression Test Thickness Decrease 73F (23C) Thickness Decrease 572F (300C)	12% Initial 11% 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% 0-3% 0-5% 0-5%
Dielectric Strength ASTM D149-95a	16 kV/mm
Density ASTM F1315	96 lb/ft ³ (1.55g/cc ³)
Leachable Chloride Content FSA Method	150 ppm
ASTM F104 Line Call Out	F712132B3E11K6M5
Color	Green/White