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KLINGERSIL C-4300

KLINGERSIL C-4300 is a universale high-pressure gasket material that is resistant to hot water, steam, oil, hydrocarbons and many other chemicals which make it suitable for many different media.

This compressed fiber gasket material ismanufactured with aramid fiber reinforced with a nitrile binder.

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

Creep Relaxation ASTM F38B (1/32")	25%
Sealability ASTM F37A (1/32")	< 0.25 ml/hr
Gas Permeability DIN 3535/6	< 0.5 ml/min
Compressibility ASTM F36J	7-17%
Recovery ASTM F36J	50% Minimum
KLINGER Hot Compression Test Thickness Decrease 73F (23C) Thickness Decrease 572F (300C)	15% Initial 25% 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% 0-5% 0-5% 0-10%
Dielectric Strength ASTM D149-95a	18 kV/mm
Density ASTM F1315	100 lb/ft ³ (1.6g/cc ³)
Leachable Chloride Content FSA Method	200 ppm
ASTM F104 Line Call Out	F712111B4E12K6M4
Color	Black or White