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976

976 is a CR/Aramid sheet designed for use in Freon-type refrigerants and high aniline-point oils. 976 is also recommended for applications in ammonia gas, fuels, mild acids, mild alkalis, water and silicate esters. 976 is light purple color and branded for immediate product recognition.

976: Typical Physical Properties		
Max Pressure Rating (psi)	—	1000
Max Temperature Limit	—	600°F
Max Continuous Temp. Limit	—	400°F
Min Temperature	—	-80°F
Max PxT	—	250,000
m value	—	2.0
y value (psi)	—	4350
Compressibility	ASTM F36	7-17%
Recovery (% min)	ASTM F36	50%
Sealability Sg=1000 psi=30	ASTM F37	0.01 ml/min
Gas Leakage	BS 7531	<1.0 cc/min
Creep Relaxation	ASTM F38	20%
Residual Stress	BS 7531	21 mpa
ASTM F146 Fuel B @ 70-85°F	Thickness Increase	0-10%
IRM 903 @ 300°F	Thickness Increase	0-10%
ASTM Fuel B @ 70-85°F	Weight Increase	20% max
ASTM F152	Average Tensile	2000 psi
Density	—	1.85 g/cm ³
Rubber Binder	—	CR