

Leader Style 976

Rubberbonded Fiber Jointing Sheets

DESCRIPTION

Style 976 is a CR (neoprene) aramid fiber sheet. 976 is designed for Freon refrigerants and high aniline point oils. It is also recommended for applications in ammonia gas, fuels, mild acids, mild alkalis, water and silicate esters.

APPLICATION

In addition to Freon, ammonia gas, fuels, mild acids, mild alkalis, water and silicate esters.

CHEMICAL COMPATIBILITY

See link: [LGT Chemical Compatibility Chart](#)

DELIVERY OPTIONS

Standard stock sheet sizes are available in 60" x 60", 60" x 120". Standard stock sheet thicknesses available are 1/64", 1/32", 1/16", and 1/8" (special thicknesses are available upon request)

TEMPERATURE

Max. Intermittent Temperature Rating: 600 F

Max. Continuous Temperature Rating: 400 F

TECHNICAL DATA

max Temperature [°F]	400
Max Temp. Limit [°F]	600
Max Contin. Temp. Limit [F]	400
Min. Temp. [°F]	-80
max Pressure [psi]	1000
density [g/cm ³]	1.85
M-Value	2
Y- Value [psi]	4350
ASTM F36 Recovery [% min]	50
Gasket required flange roughness [Ra micron]	3,2-6,3
Gasket required flange roughness [RMS]	125-250
Tensile Strength (quer) DIN 52910 [N/mm]	>12
Advice Seating stress at assembly [psi]	4000
Max Pressure Rating [psi]	1000
Max P x T	250000
compressability, [ASTM F36], [%]	7 - 17
ASTM F37 Sealability [ml/min] Sg=1000 psi=30	0.01
BS 7531 Gas Leakage [ml/min]	<1.0
ASTM F38 Creep Relaxation [%]	20
BS 7531 Residual Stress [mpa]	21
ASTM F152 Average Tensile [psi]	2000
ASTM F146 Fuel B @ 70-85 F Thick. Increase [%]	0 - 10
IRM 903 @ 300 oF Thickness Increase [%]	0 - 10
ASTM Fuel B @ 70-85 oF Weight Increase [%]	20 max.
Rubber Binder	CR

LOCATIONS

850 Sense Road LA PORTE, TX 77571, USA GLOBAL HEADQUARTERS

8622 South Choctaw Drive BATON ROUGE, LA, USA 70815

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