

# Leader Style 978-C

## Rubberbonded Fiber Jointing Sheets

### DESCRIPTION

Style 978-C is a dense, aramid / inorganic fiber reinforced, compressed, NBR sheet with special, high temperature, anti-stick parting agent applied to both sides. It's high strength and excellent resistance to hot creep and broad chemical resistance make it an ideal high performance gasket material. 978-C can be used for gasketing in piping, machinery, equipment containing water, steam, petroleum based liquids, gases and mild acids or alkalines. It may also be used in most solvents excluding MEK and high aromatics. 978-C also has excellent sealability in ethylene glycol coolants and silicone fluids.

### APPLICATION

Piping, machinery, and equipment containing water, steam, petroleum based liquids, gases and mild acids or alkalines. It may also be used in most solvents excluding MEK and high aromatics. 978-C also has excellent sealability in ethylene glycol coolants and silicone fluids.

### 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: 700 F  
Max. Continuous Temperature Rating: 400 F

### TECHNICAL DATA

max Temperature [°F]	400
Max Temp. Limit [°F]	700
Max Contin. Temp. Limit [F]	400
Min. Temp. [°F]	-70
max Pressure [psi]	1000
density [g/cm3]	1.8
M-Value	3
Y- Value [psi]	3000
ASTM F36 Recovery [% min]	40
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
ROTT [Gb]	1403
ROTT [a]	0.337
ROTT [Gs]	0.29
Max Pressure Rating [psi]	1000
Max P x T	500000
compressability, [ASTM F36], [%]	7 - 17

### LOCATIONS

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

8622 South Choctaw Drive BATON ROUGE, LA, USA 70815

Pšurnovická cesta 1026, 01401 BYTCA, Republic of Slovakia EUROPE HEADQUARTERS

### PHONE

+1 281 542 0600

+1 225 275 8000

+421 41 553 2686

### FAX

+1 281 542 5552

+1 225 273 9073

+421 41 553 2895

### TECHNICAL DATA

ASTM F37 Sealability [ml/min] Sg=1000 psi=30	0.04
BS 7531 Gas Leakage [ml/min]	<1.0
ASTM F38 Creep Relaxation [%]	21
BS 7531 Residual Stress [mpa]	20.8
ASTM F152 Average Tensile [psi]	2300
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 [%]	15 max.
Rubber Binder	NBR

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