

Leader Style 1078

Rubberbonded Fiber Jointing Sheets

DESCRIPTION

Style 1078 is an off-white compressed, NBR/synthetic fiber sheet that is recommended for service where color contamination is a concern. It is also a good choice for cutting intricate gaskets requiring especially clean cuts. With a high-temperature parting agent as a standard surface treatment, 1078 is an excellent choice for general service gaskets.

APPLICATION

Recommended for service where color contamination is a concern. Excellent choice for general service gaskets. 1078 is recommended for use on process piping and equipment

and all types of machinery. It can be used in mild acids, alkalis, water, steam, gases, oils, and gasoline. It can be used in most solvents excluding MEK and high aromatics. 1078 also has excellent sealability in ethylene glycol coolants and silicone fluids.

CHEMICAL COMPATIBILITY

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

available upon request)

TEMPERATURE

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

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

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/cm ³]	1.9
M-Value	3.5
Y- Value [psi]	2000
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
Max Pressure Rating [psi]	1000
Max P x T	350000
compressability, [ASTM F36], [%]	7 - 17
ASTM F37 Sealability [ml/min] Sg=1000 psi=30	0.04
BS 7531 Gas Leakage [ml/min]	<1.0
ASTM F38 Creep Relaxation [%]	30
BS 7531 Residual Stress [mpa]	17

LOCATIONS

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

8622 South Choctaw Drive BATON ROUGE, LA, USA 70815

Purnovicka 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 F152 Average Tensile [psi]	2100
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	NBR

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

Disclaimer: The composition of the contents of this information carrier has exercised the utmost care. The possibility exists that certain information in changes over time, no longer is incorrect or incomplete. Leader Gasket Technologies does not guarantee the actuality, correctness and completeness of the information provided, it is not intended to advice. Leader Gasket Technologies is in no way liable for damages resulting from use of the information provided.