

# Leader Style 940

## Rubberbonded Fiber Jointing Sheets

### DESCRIPTION

Style 940 is a high-tensile, compressed NBR/aramid reinforced fiber sheet. 940 is a great general-purpose material that offers extras such as suitability for use as extremely large gaskets and pads, small, thin, intricate gaskets, or dielectric materials. Because of the high tensile strength and flexibility, 940 can be cut to exact dimensions without causing ragged edges or undue stress or wear on metal edge dies and gasket cutting equipment. This flexibility also enables the gasket to be cut into large or small intricate gasket without concern for breakage during fabrication or installation.

### APPLICATION

Designed to withstand exposure to hot or cold water, air and some mild acids. 940 sheet gasket is well suited for general industrial applications and specific service in the chemical process, pulp & paper and power generation industries.

### 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]	-70
max Pressure [psi]	1000
density [g/cm <sup>3</sup> ]	1.2
M-Value	5.2
Y- Value [psi]	3600
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 [%]	21
BS 7531 Residual Stress [mpa]	17

### LOCATIONS

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

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### TECHNICAL DATA

ASTM F152 Average Tensile [psi]	2300
ASTM F146 Fuel B @ 70-85 F Thick. Increase [%]	10 - 25
IRM 903 @ 300 oF Thickness Increase [%]	15 - 35
ASTM Fuel B @ 70-85 oF Weight Increase [%]	20 max.
ASTM D149 dielectric strength [volts/min]	20 Kv
Rubber Binder	NBR

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