

Leader Style 961

Compressed Fiber Sheet

DESCRIPTION

White in color and manufactured using SBR/Aramid Fiber.

APPLICATION

Steam, water, air gases, mild solvents, and alkalis.

CHEMICAL COMPATIBILITY

Consult the Leader Engineering team for chemical compatibility.

AVAILABLE OPTIONS

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

TECHNICAL DATA	
Maximum Temperature [°F]	400
Density [g/cm3]	1.2
M-Value	5.5
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 (across the grain) DIN 52910 [N/mm]	>11
Recommended Seating Stress at Assembly [psi]	4000
Max P x T	250000
Compressibility, [ASTM F36], [%]	15-35
ASTM F37 Sealability [ml/min] Sg=1000 psi=30	no data
BS 7531 Gas Leakage [ml/min]	<1.0
ASTM F38 Creep Relaxation [%]	32
BS 7531 Residual Stress [MPa]	16
ASTM F152 Average Tensile [psi]	2000
ASTM F146 Fuel B @ 70-85°F Thick. Increase [%]	15-35
IRM 903 @ 300°F Thickness Increase [%]	15-35
ASTM Fuel B @ 70-85°F Weight Increase [%]	20 max.
Rubber Binder	SBR

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