



# 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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