

Leader Style 986A

Compressed Fiber Sheet

DESCRIPTION

Style 986A is a compressed EPDM Aramid reinforced Fiber sheet. The combination of aramid fibers and EPDM creates a sheet material that withstands the effect of aggressive acid and alkalis including white, green and black liquor – with a minimum of weight loss. Grey/off-white in color.

APPLICATION

Caustics, dilute acids, brake fluids, silicone fluids, ketones, and phosphate esters. This sheet gasket also provides high resistance to weathering, oxygen, ozone, and is compatible with animal and vegetable oils.

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/cm ³]	1.2
M-Value	2.75
Y- Value [psi]	3700
ASTM F36 Recovery [% min]	50
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]	>12
Recommended Seating Stress at Assembly [psi]	4000
Max Pressure Rating [psi]	1000
Max P x T	350000
Compressibility, [ASTM F36], [%]	7-17
ASTM F37 Sealability [ml/min] Sg=1000 psi=30	0.05
BS 7531 Gas Leakage [ml/min]	<1.0
ASTM F38 Creep Relaxation [%]	25
BS 7531 Residual Stress [MPa]	18
ASTM F152 Average Tensile [psi]	2000
ASTM F146 Fuel B @ 70-85°F Thick. Increase [%]	5-20
IRM 903 @ 300°F Thickness Increase [%]	15-30
ASTM Fuel B @ 70-85°F Weight Increase [%]	15 max.
Rubber Binder	EPDM

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