

Compressed ARAMID/NITRILE Sheet

7500

PHYSICAL PRODUCT DATA

Temperature: Minimum -40°F (-40°C)
Maximum 700°F (370°C)
Continuous 400°F (205°C)

Pressure Limits: vacuum to 1000 psi (70 bar)

Physical Properties:

Sealability	ASTM F 37B (Fuel A)	.2 milliliters/hour
	ASTM F 37B (Nitrogen)	.6 milliliters/hour
Compressibility	ASTM F 36	7-17%
Recovery	ASTM F 36	50%
Creep Relaxation	ASTM F 38	21%
Tensile Strength	ASTM F 152	2,250 psi (Across Grain)
Density	ASTM F1315	1.60 gm/cc
Ignition Loss	ASTM F 495	33%

Weight Increase After 5 Hour Immersion:

ASTM Fuel A @ +70 to 85°F (+20 to 30°C)	10% Max.
ASTM Fuel B @ +70 to 85°F (+20 to 30°C)	15% Max.
ASTM #1 Oil @ +300°F (+150°C)	10% Max.

Thickness Increase After 5 Hour Immersions:

ASTM Fuel A @ +70 to 85°F (+20 to 30°C)	0-5% Range
ASTM Fuel B @ +70 to 85°F (+20 to 30°C)	0-10% Range
ASTM #1 Oil @ +300°F (+150°C)	0-5% Range

Available Sheet Sizes:

Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8"
Sheet Size	60" X 60", 60" X 120", 60" X 180"

ASTM Line Call Out: ASTM F104 F712100A9B4E22K5M6

COLOR: Off-White

Construction & Application Parameters

Style 7500 is a compressed synthetic fiber gasket material bonded with Nitrile (Buna-N, NBR) rubber. The sheet is manufactured through a hot calender process with rigorous quality control standards that are registered under ISO-9002 certification. This material cuts very easily and cleanly. Style 7500 is suitable for service in mild inorganic and organic acids, concentrated and diluted alkalis, brine, saturated steam, water, air and industrial gases, Oils-animal, synthetic & vegetable, aliphatic and aromatic solvents,



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chlorinated and oxygenated solvents, refrigerants, petroleum products and general chemical.