

Compressed PROPRIETARY FIBER/NITRILE Sheet

7800

PHYSICAL PRODUCT DATA

Temperature: Minimum -40°F (-40°C)
Maximum 800°F (425°C)
Continuous 550°F (290°C)

Pressure Limits: vacuum to 1200 psi (83 bar)

Physical Properties:

Compressibility	ASTM F 36	7-17%
Recovery	ASTM F 36	50%
Creep Relaxation	ASTM F 38	15%
Tensile Strength	ASTM F 152	1,500 psi (Across Grain)
Density	ASTM F1315	1.62 gm/cc
Ignition Loss	ASTM F 495	27%

Weight Increase After 5 Hour Immersion:

ASTM IRM 903 @ +300°F (+150°C)	15%
ASTM Fuel B @ +70-85°F (+21-29°C)	15%

Thickness Increase After 5 Hour Immersions:

ASTM IRM 903 @+300°F (+150°C)	0-15%
ASTM Fuel B @ +70-85°F (+21-29°C)	0-15%

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 F712100A9B2E23K7M5

COLOR: Yellow

Construction & Application Parameters

Style 7800 is a fully compressed sheet material with synthetic and organic fibers 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 is a premium material that has been designed to handle the extremes of pressure and temperature, and it cuts very easily and cleanly. Style 7800 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, chlorinated and oxygenated solvents, refrigerants, petroleum products and general chemical.