



**35 Prospect Place
Deer Park, NY 11729
631-254-4381**

Carbon Fiber

Revised 06/23

(TYPICAL VALUES REFER TO A THICKNESS OF 1/16" UNLESS OTHERWISE NOTED)

MATERIAL: Compressed Non-Asbestos, Carbon Fibers and Graphite, Nitrile Binder.

ASTM F104 LINE CALL-OUT F712120E23M6

TEMPERATURE:

Continuous Service +518°F
Maximum Service +842°F

PRESSURE:

Continuous Service: 1015 psi (70 bar)
Maximum Service: 1885 psi (130 bar)

Typical Physical Properties:

DENSITY 106 lb/ft³
COMPRESSIBILITY-ASTM F36 5-15%
RECOVERY-ASTM F36 Minimum 50%
Tensile Strength Across Grain - ASTM-F152 2175 psi

Weight Increase – ASTM F146 – after 5hr

ASTM-IRM903 @ 300°F Max 15%
Fuel B @ 77°F Max 15%

THICKNESS INCREASE – ASTM F146

-ASTM IRM903 5h, 300°F Max 15%
-ASTM Fuel B, 5h 77°F Max 15%

TYPICAL SHEET THICKNESSES 1/64", 1/32", 1/16", 3/32", 1/8"

Application: A premium grade, multi-service gasket sheet, designed to handle the extremes of pressure and temperature. Suitable for service handling the following general media categories:

Mild inorganic acids, Mild organic acids, Aliphatic solvents, Diluted alkalis, Water, Saturated steam, Brine, Air, Industrial gases, Vegetable oils, Neutral solutions, Animal oils, Synthetic oils, Petroleum and Derivatives, Refrigerants.

Note: This is a general guide and should not be the sole means of selecting or rejecting this material. ASTM test results are in accordance with ASTM-F-104.

Results listed are typical and not minimums. Requirements should not be based on typical values.