



## Compress AFC

Revised 06/2023

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

MATERIAL: Aramid/Mineral Fibers, Inorganic fillers.

ASTM F104 LINE CALL-OUT F712122A9B4E12M4

TEMPERATURE:

Continuous Service	+428°F
Continuous Service/Steam	+320°F
Maximum Service	+572°F

PRESSURE:

Operating Pressure	1137 PSI
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M Value	2.5 (N/mm <sup>2</sup> )
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Y Value	25 (N/mm <sup>2</sup> )
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*Typical Physical Properties:*

DENSITY	1.70-2.10 gm/cm <sup>3</sup>
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COMPRESSIBILITY-ASTM F36A	5-15%
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RECOVERY-ASTM F36A	>50%
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Tensile Strength

(a) ACC to ASTM F152 (Across Grain)	8 Min, N/mm <sup>2</sup>
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(b) ACC to DIN52910 (Across Grain)	5 Min N/mm <sup>2</sup>
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*Fluid Absorption*

a) In ASTM Oil NO. 3	ASTM F146
Increase in Mass	< 15%

Increase in Thickness	< 10%
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b) In Fuel B	ASTM F146
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Increase in Mass	< 10%
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Increase in Thickness	< 10%
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c) In Water / Antifreeze	ASTMF146
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Increase in Mass	< 15%
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Increase in Thickness		< 15%
Ignition Loss	DIN 52911	< 30%
Dielectric Strength	ASTM D146	8.3 KV/MM
Surface Area Volume Ration	NSF/ANSI 61	2.0 SQ. IN./ L

Made from aramid fiber, mineral fiber & inorganic fillers, 1500AFC is a premium quality gasket designed for specific use for sealing water treatment equipment and distribution systems required to comply with NSF/ANSI 61 Drinking Water System Components. Health Effects by most governmental agencies that regulate drinking water supplies.

1500AFC is also suitable for steam, oil, mild alkalis and acids, hydrocarbons and solvents making it an excellent multipurpose gasket.

TYPICAL SHEET THICKNESSES 1/64" to 1/4"

Color: Green

**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.