



860 Salem Street/Building C/Groveland, Massachusetts 01834/www.chesterton.com/978-469-6800

PRODUCT 457 CARBON FIBER/NITRILE BINDER

A high temperature non-asbestos sheet gasketing material formulated for a wide variety of gasketing needs to 840°F (450°C) and 1470 psi (100 bar).

Product 457 is recommended for use in a broad range of steam, water, oil, and hydrocarbon applications.

Not recommended for use in chlorinated hydrocarbons, aromatic and ester ketones.

TYPICAL PROPERTIES

Maximum Temperature - 840°F (450°C)

Maximum Pressure - 1470 psi (100 bar)

Compressibility (ASTM F36) – 5 to 15%

Recovery (ASTM F36) - 50% minimum

Seating Stress - 1600 - 4000 psi

PxT = 600,000 (°F x psi)

PxT = 21,800 (°C x bar)

Thickness		Dimensions		AWC Item #
Inches	MM	Inches	M	
1/64	0,4	60 x 60	1,52 x 1,52	003851
1/32	0,8	60 x 60	1,52 x 1,52	003852
1/16	1,6	60 x 60	1,52 x 1,52	003853
3/32	2,4	60 x 60	1,52 x 1,52	003854
1/8	3,2	60 x 60	1,52 x 1,52	003855