

CARBAE™ 108

CARBAE™ 108 is braided from high purity P.A.N. based carbon filament yarns. Minimum carbon assay is 95%. Both the yarns and finished braided are treated with graphite dispersion.

CARBAE™ 108 is a tough, versatile product that can be applied in a wide range of applications, temperatures, and equipment – including both pumps and valves. It is compatible in a wide variety of chemicals making it suitable for most installations. It can be used alone or in combination with die formed GRAPH-LOCK® rings.

TEMPERATURE: -328°F to +850°F (-130°C to +455°C) Atmosphere
To 1200°F (650°C) in Steam

PH RANGE: 0-14 (Except Strong Oxidizers)

PRESSURE* : To 500 psi (35 Bar) Rotary/Centrifugal
To 2500 psi (172 Bar) Valves

SHAFT SPEED: 4000 FPM (20 m/sec)

CONSTRUCTION: LATTICE BRAID®

* There are no known pressure limits that have been determined when CARBAE™ 108 is combined as end ring material with die formed GRAPH-LOCK® center rings in valve installations.

CARBAE™ 108 can be certified to contain less than 200 ppm leachable chlorides on request.

(P.A.N.: Poly Acrylo Nitrile)

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