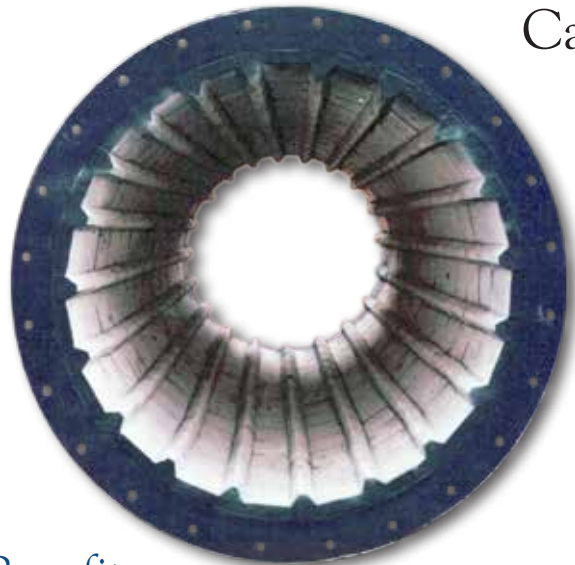


WC88N™

Nitrate-Bonded Silicon-Carbide
Cast Ceramic



Applications:

- Pipes
- Hoppers
- Classifier Cones
- Elbows
- Cyclone Separators
- Fan Housings
& Blades
- And Many More!

Features & Benefits

Due to its superior heat resistance and strength, Wear-Con **WC88N™** Nitrate-Bonded Silicon Carbide Cast Ceramic offers high thermal conductivity and stick resistance. **WC88N™** is frequently used in the coal-fueled power, mining, chemical, and metal industries.

Installation

Wear-Con **WC88N™** can be installed with epoxy or cast with weldable inserts.

Technical Specifications

Wear-Con **WC88N™** can withstand temperatures up to 2800°F.

Technical Specifications		
Property		WC88N™
Bulk Density	lb/ft ³ (g/cm ³)	163 (2.62)
Apparent Porosity	%	16
Modulus of Rupture	psi (MPa)	9500 (65.5)
Coeff. of Thermal Expansion	10x10 ⁻⁶ /°F (10x10 ⁻⁶ /°C)	2.7 (4.9)
Thermal Conductivity	W/m°K	18
Maximum Service Temperature	°F (°C)	2777 (1525)

Sizes

Wear-Con **WC88N™** components can be cast in a wide variety of shapes and sizes, up to 24" x 40" x 48". **WC88N™** can be cast into complex geometric shapes, with standard tolerances of ±0.04" or ±0.5% (whichever is greater), and non-uniform wall thicknesses from 0.3" to 3"+.

2845 E. Heartland Drive
Liberty, MO 64068

888-4WEARCON (888-493-2726)
816-587-1923 • Fax 816-587-2055
info@wearcon.com
www.wearcon.com

