APPLICATION DATA SHEET

#3 BAR DIAMETER

**Nominal Diameter/Area**
- 10 mm (71.26 mm²)
- 3/8 in (.110 in²)

**Lengths**
- Up to 20 ft

**Weight**
- .09 lbs/ft

**Guaranteed Tensile Strength**
**ASTM 7205**
- 999 MPa
- 145 ksi

**Ultimate Tensile Load** – **ASTM 7205**
- 87.5 kN
- 19,675 lbs

**Tensile Modulus of Elasticity**
**ASTM 7205**
- 46 GPa
- 6.7 x 10⁶ psi

**Guaranteed Transverse Shear Capacity** – **ASTM 7617**
- 173 MPa
- 25.1 ksi

**Moisture Content** – **ASTM D570**
- < .5%

**Bond Strength** – **ACI 440.3R B3**
- 14.1 Msi
- 2,047 psi
- 4,519 lbs

**Fiber Content**
- 80% by weight

**APPLICATIONS**

GatorBar is manufactured with the highest quality basalt fiber and epoxy resin. These components independently have withstood the test of time, and Neuvokas is combining them with a proprietary process that allows GatorBar to be produced at a high rate of speed. This high rate of speed enables **PRICE PARITY WITH STEEL**!

Neuvokas has completed three initial tests at independent universities that show GatorBar meets and exceeds the applicable ACI/CSA standards. Neuvokas is working to complete the remainder of tests required to earn a third party accreditation. While certifications are being completed, Neuvokas has begun sales in low risk areas such as pavements, parking lots, sidewalks, and other similar applications for crack control.

**PRODUCT FEATURES**

**GatorBar Offers**

- **Price parity** – Its high tensile strength allows #3 GatorBar to replace #4 black bar at the same price.
- **Labor savings** – Labor savings estimated at 1 man-hour per ton of steel replaced.
- **Freight savings** – Up to 75% freight savings on truckload quantities.
- **Extended structure life** – No rust high strength equals long life.
- **Reduced injury** – Workers will carry and place 7X less weight per job, reducing repetitive lifting injuries and other bodily strain.

**TIE IT OFF AND CHAIR IT UP AS YOU WOULD WITH STEEL, THEN POUR WITH CONFIDENCE.**

**CONTACT US**

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