

# GATORBAR®

# APPLICATION DATA SHEET

**POUR MORE.  
BUILD BETTER.**



**ICC AC454 CERTIFIED (ESR-4526)**  
GatorBar #3 only (#4 pending)



An ACI Center of Excellence for  
Nonmetallic Building Materials  
**MEMBERSHIP**

## PHYSICAL PROPERTIES

	#3 BAR	#4 BAR
Nominal Diameter	10 mm 3/8 in	13 mm 1/2 in
Weight	.09 lbs/ft (1.8 lbs/stick) >75% Fiber Content	.166 lbs/ft (3.32 lbs/stick) >75% Fiber Content
Guaranteed Tensile Strength <b>ASTM 7205</b>	1100 MPa 155 ksi 17,100 lbs	1100 MPa 155 ksi 30,400 lbs
Tensile Modulus of Elasticity <b>ASTM 7205</b>	47 GPa 6.8 x 10 <sup>6</sup> psi	49 GPa 7.1 x 10 <sup>6</sup> psi
Guaranteed Transverse Shear Capacity <b>ASTM 7617</b>	185 MPa 26.8 ksi 6,800 lbs	185 MPa 26.8 ksi 10,500 lbs
ICC-ESR	AC454 Certified (ESR-4526) for #3 AC521 (#3 & #4 pending)	
Bond Strength <b>ASTM D7913</b>	1400 psi guaranteed for #3 (#4 pending)	
Moisture Content <b>ASTM D570</b>	< 0.25% (both #3 & #4)	
Performance Standards	Above performance criteria are met or exceeded in accordance with ASTM D7957, ASTM D7913, ACI440.11, and AC454	

## PRODUCT FEATURES

<b>LOW COST</b> WINS ON INITIAL & TOTAL COST	<b>LIGHTWEIGHT</b> LABOR & FREIGHT SAVINGS	<b>HIGH STRENGTH</b> 4X-7X STRONGER IN TENSILE STRENGTH	<b>RUST-FREE</b> USE IN HIGH CHLORIDE
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## APPLICATIONS

- ✓ PAVEMENTS
- ✓ SIDEWALKS
- ✓ FOUNDATIONS & FOOTINGS
- ✓ PARKING LOTS
- ✓ COMMERCIAL FLOORS
- ✓ AND MANY MORE!
- ✓ CURB & GUTTER
- ✓ POURED WALLS

## GATORBAR VS STEEL Tensile Strength & Weight Comparisons\*

STEEL REBAR	#3 GATORBAR		#4 GATORBAR	
(GRADE 60)	STRONGER	LIGHTER	STRONGER	LIGHTER
#3 STEEL	2.7X	4X	4.4X	2.3X
#4 STEEL	1.5X	7.4X	2.5X	4X
#5 STEEL	-EQUAL	11.6X	1.6X	6.3X

\*For crack control consideration. It is not Neuvokas' intent to imply that composite rebar can replace steel in all applications.



**100% MADE IN THE USA**

**PATENT #9688030B2**

**ZERO POLYESTER**



**225,000,000 FEET IN CONCRETE & COUNTING.**  
**906.934.2661 | GATORBAR.COM**



A black and white photograph of a construction site showing a grid of rebar on a concrete slab. A worker is visible in the background, and a large truck is partially visible at the top. The scene is dimly lit, suggesting an overcast or rainy day.

**GATORBAR®**

**RAINY DAY? TIE ANYWAY.**

A close-up black and white photograph showing a worker's leg and foot stepping on a rebar. The worker is wearing heavy work boots and pants. The rebar is embedded in a concrete slab.

**BUST BAR. NOT YOUR BACK.**

A black and white photograph showing concrete being poured from a chute into a form. The concrete is falling in a thick, dark stream, creating a large pile on the rebar grid.

**WANT BETTER CONCRETE?**

**POUR IT ON.**

A black and white photograph showing a tractor or similar heavy machinery driving over a rebar grid. The machine is positioned on the grid, and its wheels are visible.

**DRIVE ON. DRIVE OFF.**