## **AMERICA'S** PROUDLY MADE IN MICHIGAN



### PHYSICAL PROPERTIES

	#3 BAR	#4 BAR	#5 BAR			
Nominal Diameter	10 mm 3/8 in	13 mm 1/2 in	16 mm 5/8 in			
Weight	.09 lbs/ft (1.8 lbs/stick) >75% Fiber Content	.166 lbs/ft (3.32 lbs/stick) >75% Fiber Content	.2475 lbs/ft (4.95 lbs/stick) >75% Fiber Content			
Guaranteed Tensile Strength ASTM 7205	1100 MPa 155 ksi 17,100 lbs	1100 MPa 155 ksi 30,400 lbs	889 MPa 129 ksi 39,750 lbs			
Tensile Modulus of Elasticity ASTM7205	47 GPa 6.8 x 10 <sup>6</sup> psi	49 GPa 7.1 x 10 <sup>6</sup> psi	44.7 GPa 6.5 x 10⁵psi			
Guaranteed Transverse Shear Capacity ASTM 7617	185 MPa 26.8 ksi 6,800 lbs	185 MPa 26.8 ksi 10,500 lbs	185 MPa 26.8 ksi 16,800 lbs			
ICC-ESR	AC454 Certified (ESR-4526) for #3 (#4 & #5 pending)					

**Bond Strength ASTM D79** 

**Moisture Content ASTM D570** 

PATENT #9688030B2

**Performance Standards** 

Above performance criteria are met or exceeded in accordance with ASTM D7957, ASTM D7913, ACI440.11, and AC454

1100 psi guaranteed for #3 (#4 & #5 pending)

< 0.25% (#3, #4, & #5)

### AMERICA'S REBAR





#### **72K BUSHEL BIN**

- √ 75 YARDS OF CONCRETE
- 156 STICKS OF #3 GATORBAR
- ✓ 24" CENTERS



### **PRODUCT FEATURES**



LOWER COSTS 35% - 45% LABOR SAVINGS



**ZERO SLIVERS** GRIP TECH FOR BETTER HANDLING



2X STRONGER THAN STEEL



**4X-7X LIGHTER** THAN STEEL



LONGER LASTING CONCRETE



**BETTER BOND INCREASED PULL-OUT STRENGTH** 



**ICC AC454 CERTIFIED (ESR-4526)** 

GatorBar #3 only (#4 & #5 pending)



An ACI Center of Excellence for Nonmetallic Building Materials

REDS of MILLIONS F FEET IN CONCRET

906.934.2661 GATORBAR.COM

# GATORBAR® VS STEEL

TENSILE STRENGTH & WEIGHT COMPARISONS\*

STEEL REBAR	#3 GATORBAR		#4 GATORBAR		#5 GATORBAR	
(GRADE 60)	STRONGER	LIGHTER	STRONGER	LIGHTER	STRONGER	LIGHTER
#3 STEEL	2.7X	4X	4.4X	2.3X	6.2X	1.2X
#4 STEEL	1.5X	7.4X	2.5X	4X	3.5X	2.7X
#5 STEEL	CALL FOR ENGINE	ERING ASSISTANCE	1.6X	6.3X	2.1X	4.2X
#6 STEEL	CALL FOR ENGINEERING ASSISTANCE: 906.934.2661			1.1X	6X	

\*FOR CRACK CONTROL CONSIDERATION. IT IS NOT GATORBAR'S INTENT TO IMPLY THAT COMPOSITE REBAR CAN REPLACE STEEL IN ALL APPLICATIONS.





