

V•ROD POLY 46

GLASS FIBER REINFORCED POLYMER (GFRP) REBAR

REVISION: January 2023

Product Data Sheet - V•ROD POLY 46

		#2	#3	#4	#5
Minimum tensile strength (ASTM D7205)	ksi	145			
Minimum V•ROD tensile load capacity	lbf	7 105	15 950	29 000	44 950
Average steel tensile load capacity	lbf	3 300	7 300	13 000	20 200
Minimum tensile modulus	ksi	6 800			
Weight	lb/ft	0.043	0.099	0,171	0,27
Measured diameter	in	0.289	0.398	0.512	0.634
Nominal cross-sectional area*	in ²	0.049	0.11	0.2	0.31

PLEASE BE ADVISED THAT V-ROD POLYESTER CONCRETE REINFORCING BARS ARE MEANT TO BE USED AS MINIMUM REINFORCEMENT FOR CRACK AND SHRINKAGE CONTROL OF CONCRETE ELEMENTS.

Development and splice length are available upon request but should be determined by the design engineer.

It is the responsibility of the design engineers to contact the bar manufacturer to get the latest updates of this technical data sheet (also available at www.fiberglassrebar.com).

For any additional technical results or literature, please contact **Pultrall**.



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