

# V-ROD POLY

		#2	#3	#4	#5
Minimum tensile strength (ASTM D7205)	ksi	145			
Minimum V-ROD tensile load capacity	lbf	7105	15950	29000	44950
Average steel tensile load capacity	lbf	3300	7300	13000	20200
Minimum tensile modulus	ksi	6800			
Weight	lb/ft	0,043	0,099	0,171	0,27
Measured Diameter	mm	7,35	10,1	13	16,1
Measured Diameter	in	0,289	0,398	0,512	0,634
Nominal cross-sectional area according to ASTM D7957	in <sup>2</sup>	0,049	0,11	0,2	0,31


  
**4X Lighter Than Steel**

  
**2,5 X Stronger Than Steel**

  
**Resilient**

  
↑

  
**Durability / Corrosion Resistance**

  
**Radio /cellular waves permeable**

*Only 2 lbs per 20' stick!*



627-C Graves St. Kernersville, NC 27284

P 336 993-2461  
F 336 996-2732

[www.fiberglassrebar.com](http://www.fiberglassrebar.com)

GLASS FIBER REINFORCED  
POLYMER REBAR

**V-ROD**  
USA



# RAISING THE BAR

**V-ROD  
POLY**

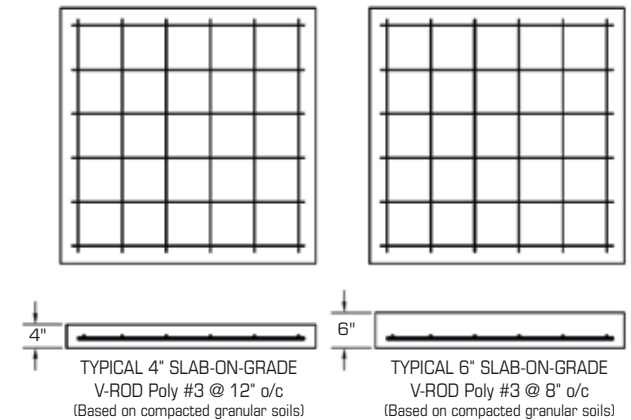
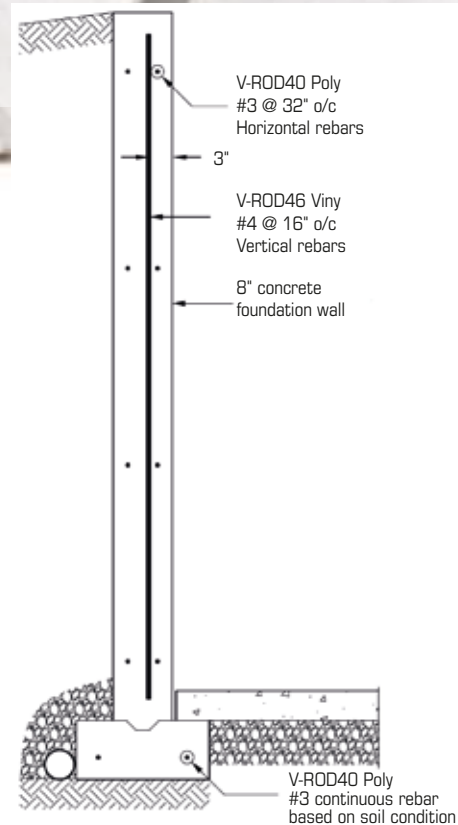
**GLASS FIBER REINFORCED  
POLYMER REBAR**

## V-ROD Poly fiberglass rebar offers many advantages:

- 4 times lighter than steel means; easier to install, less placement time and reduced transportation cost.
- 4 times lighter also means reduced physical burden on workers, less injuries and reduced down time.
- V-ROD is resilient; Unlike steel, when stepped/driven on, V-ROD will deform and get back to its original shape
- V-ROD's sand coating and higher tensile strength provides with the best crack control among any kind of rebar available on the market.
- V-ROD does not rust! No more cracks due to corrosion.
- Bar certs to be provided on every lot
- Radio/cellular waves permeable

## V-ROD is well suited for:

**Slab on grade, Basement, Garage, Foundations, Commercial Slabs, Sidewalk, ...**



Basement slabs	Garage slabs	Foundation walls	Commercial slabs
<ul style="list-style-type: none"> <li>• V-ROD Poly</li> </ul>	<ul style="list-style-type: none"> <li>• V-ROD Poly for light vehicles (not exceeding 4 tons)</li> <li>• Engineering required for heavy loads</li> </ul>	<ul style="list-style-type: none"> <li>• V-ROD Poly for horizontal</li> <li>• Engineering required for heavy loads</li> </ul>	<ul style="list-style-type: none"> <li>• V-ROD Poly for light loads (less than 100 PSF for instance)</li> <li>• Engineering required for heavy loads</li> </ul>