

V•ROD POLY

GLASS FIBER REINFORCED POLYMER (GFRP) REBAR

REVISION: October 2021

Product Data Sheet – V•ROD POLY

		6 M	7 M	8 M	9 M	10 M	11 M	12 M	13 M	14 M	15 M	16 M	17 M	18 M
Minimum tensile strength (ASTM D7205)	MPa	800												
Minimum V•ROD tensile load capacity	kgf	2 610	3 099	4 078	5 139	5 791	7 749	9 218	10 523	12 481	16 233	16 396	18 518	20 721
Average steel tensile load capacity	kgf	1 350	1 800	2 250	2 700	3 600	4 500	5 400	5 900	7 000	8 100	9 200	10 400	11 600
Minimum tensile modulus	GPa	40												
Weight	g/m	65	67	93	114	140	162	194	224	259	294	333	374	418
	lb/ft	0,044	0,045	0,062	0,077	0,094	0,109	0,130	0,151	0,174	0,198	0,224	0,251	0,281
Measured diameter	mm	6,2	7,2	8,0	9,0	9,7	10,5	11,3	12,1	13,0	14,1	14,9	15,7	16,5
Nominal cross-sectional area *	mm ²	32	38	50	63	71	95	113	129	153	199	201	227	254

* According to ASTM-D7957

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

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