

V•ROD POLY

GLASS FIBER REINFORCED POLYMER (GFRP) REBAR

REVISION: May 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
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

DISCLAIMER - LIMITATION OF LIABILITY

PLEASE BE ADVISED THAT V-ROD POLYESTER CONCRETE REINFORCING BARS ARE MEANT TO BE USED EXCLUSIVELY IN NON-STRUCTURAL CONCRETE BUILDING ELEMENTS/COMPONENTS AS DEFINED BY THE STANDARD CSA S807 & ASTM D7957 OR ELEMENTS/COMPONENTS THAT ARE NOT CONSIDERED TO BE PART OF EITHER THE PRIMARY OR SECONDARY STRUCTURAL SYSTEMS. THEREFORE, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, UNDER NO CIRCUMSTANCES SHALL PULTRALL INC. OR ITS AFFILIATES, PARTNERS, SUPPLIERS OR LICENSEES BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR EXEMPLARY DAMAGES OR ANY LOSS OF PROFITS OR REVENUES ARISING FROM OR IN CONNECTION WITH YOUR USE OF THE SAID BARS IN ANY OTHER APPLICATION BUT THE ONES FOR WHICH THEY ARE INTENDED, WHETHER OR NOT THE DAMAGES WERE FORESEEABLE AND WHETHER OR NOT PULTRALL WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

- Non-structural
- Used for Crack control and minimum reinforcement only
- Non certified range of product

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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