

Marlow® DATASHEET

V12 VECTRAN

V12 offers an alternative to D12 in that it maintains the same high strength and low stretch but has outstanding heat resistance and exhibits virtually zero creep.

An excellent, high load rope for use when heat can be an issue or zero creep is required. Whilst not naturally black, V12 can be coated with Black ArmourCoat.



DIAMETER	CIRCUMFERENCE	MASS		AVERAGE STRENGTH			MIN STRENGTH		
mm	Inch	g/m	lb/100 ft	kg	lb	kN	kg	lb	kN
2.5	3/32	4.5	0.30	627	1380	6.2	564	1240	5.5
3	1/8	6.7	0.45	993	2190	9.7	894	1970	8.8
4	5/32	13.4	0.90	1680	3700	16.5	1510	3330	14.8
5	3/16	17.9	1.20	2410	5300	23.6	2160	4770	21.2
6	7/32	22.4	1.50	3350	7390	32.9	3020	6650	29.6
7	1/4	33.6	2.25	5750	12700	56.4	5180	11400	50.8
9	3/8	53.8	3.61	8680	19100	85.2	7810	17200	76.6
10	13/32	67.2	4.51	11000	24200	108	9882	21800	96.9
11	7/16	89.6	6.01	12000	26300	117	10800	23700	106
13	1/2	107.5	7.21	14700	32400	144	13200	29200	130
15	9/16	141.1	9.46	18400	40600	181	16600	36500	163
16	5/8	170.2	11.42	22700	50000	223	20400	45000	200

Key Specifications:

Material:	Vectran® (Liquid crystal polymer)
Construction:	12 braid construction
Coating:	Marlow ArmourCoat PU
Chemical Resistance:	Resistance to most common chemicals
Melting Point:	330°C

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