

**PHILLYSTRAN® 12 STRAND BRAIDS  
VECTRAN® (Liquid Crystal Polymer)**
**169-2/06**

PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT	
	LBS	kN	IN	mm	LBS/1000 FT	kg/km
BR 9500V	9,500	42	1/4	6.4	21.5	32
BR 13000V	13,000	58	5/16	7.9	30.8	46
BR 18500V	18,500	82	3/8	9.5	43.1	64
BR 24000V	24,000	107	7/16	11.1	58.5	87
BR 31000V	31,000	138	1/2	12.7	77	115
BR 38000V	38,000	169	9/16	14.3	99	147
BR 47000V	47,000	209	5/8	15.9	120	179
BR 68000V	68,000	302	3/4	19.1	166.2	247
BR 10500V	105,000	467	1	25.4	301.6	449

Weights and Dimensions can vary  
Vectran® is a registered trademark of CNA Holdings, Inc

**CAUTION: Break Strength:** The breaking strength of a rope is the load at which a new rope will break when tested under laboratory conditions. Break strength should not be mistaken for safe working load. **Safe Working Load:** Because of the wide range of rope use, rope condition and the degree of risk of life or property, it is not possible to make a blanket recommendation for safe working load. It is ultimately dependent on the rope user to determine what percentage of break strength is their own safe working load. **Wear:** Ropes wear out with use; the more severe the usage, the greater the wear. It is often not possible to detect wear on a rope by visible signs alone. Therefore, it is recommended that the rope user determine a retirement criteria for ropes in their application. For assistance in developing safe working load and retirement criteria for each application please call or write Phillystran, Inc.

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