

**PHILLYSTRAN<sup>®</sup> 12 STRAND BRAIDS  
SPECTRA<sup>®</sup> / DYNEEMA<sup>®</sup> (HMPE)**
**168-2/06**

PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT	
	LBS	kN	IN	mm	LBS/1000 FT	kg/km
BR 9500PE	9,500	42	1/4	6.4	14.6	22
BR 13000PE	13,000	58	5/16	7.9	22.6	34
BR 18500PE	18,500	82	3/8	9.5	34.7	52
BR 24000PE	24,000	107	7/16	11.1	40	60
BR 31000PE	31,000	138	1/2	12.7	53	79
BR 38000PE	38,000	169	9/16	14.3	67	100
BR 47000PE	47,000	209	5/8	15.9	84	125
BR 68000PE	68,000	302	3/4	19.1	124	185
BR 105000PE	105,000	467	1	25.4	215	320

Weights and Dimensions can vary  
Spectra<sup>®</sup> is a registered trademark of Honeywell  
Dyneema<sup>®</sup> is a registered trademark of DSM B.V.

**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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