

# PHILLYSTRAN® PSPE LARGE DIAMETER OFFSHORE ROPES SPECTRA® / DYNEEMA® (High Modulous Polythlene)

Phillystran® PSPE large diameter Spectra®/Dyneema® fiber ropes are manufactured in a 7x19 wire lay construction. These ropes are especially designed for high strength and lightweight applications such as mooring lines and deep water bouy anchor lines. All PSWR ropes have a heavy duty braided polyester jacket for increased abrasian resistance. Other jackets, including extruded jackets, are available upon request.

PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT	
	lb	kN	in	mm	lb/1000 ft	kg/km
PSPE 1000	1,180,000	5,520	3 5/8	92	3,300	4,910
PSPE 1250	1,250,000	5,560	3 7/8	98	4,000	5,950
PSPE 1500	1,500,000	6,670	4 1/4	108	4,900	7,290
PSPE 1750	1,750,000	7,780	4 1/2	114	5,800	8,630
PSPE 2000	2,000,000	8,900	5	127	6,800	10,100
PSPE 2250	2,250,000	10,000	5 1/4	133	7,200	10,700
PSPE 2500	2,500,000	11,100	5 5/8	143	8,300	12,400
PSPE 2750	2,750,000	12,200	5 7/8	149	9,000	13,400
PSPE 3000	3,000,000	13,300	6 1/8	156	9,700	14,400

Weights and Dimensions can vary

Spectra® is a registered trademark of Honeywell

Dyneema® is a registered trademark of DSM

**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.

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