

PHILLYSTRAN® PSP LARGE DIAMETER OFFSHORE ROPES POLYESTER

Phillystran® PSP large diameter polyester 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
PSP 1000	1,000,000	4,448	5	127	7,000	10,400
PSP 1250	1,250,000	5,560	5 1/2	140	9,000	13,400
PSP 1500	1,500,000	6,672	6	152	11,000	16,400
PSP 1750	1,750,000	7,784	6 1/2	165	12,000	17,900
PSP 2000	2,000,000	8,896	7	178	14,000	20,800
PSP 2250	2,250,000	10,009	7 1/4	184	16,000	23,800
PSP 2500	2,500,000	11,121	7 1/2	191	18,000	26,800
PSP 2750	2,750,000	12,233	8	203	20,000	29,800
PSP 3000	3,000,000	13,345	8 1/2	216	22,000	32,700

Weights and Dimensions can vary

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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