

PHILLYSTRAN[®] LARGE DIAMETER OFFSHORE ROPES KEVLAR[®] / TWARON[®] (ARAMID)

194-2/06

Phillystran PSWR large diameter Aramid[®] 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 buoy anchor lines. All PSWR ropes have a heavy duty braided polyester jacket for increased abrasion resistance. Other jackets, including extruded jackets, are available upon request.



PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT	
	LBS	kN	IN	mm	LBS/1000 FT	kg/km
PSWR 1000	1,000,000	4,448	3-7/8	98	4,000	5,950
PSWR 1250	1,250,000	5,560	4-1/4	108	4,900	7,290
PSWR 1500	1,500,000	6,672	4-5/8	117	5,900	8,780
PSWR 1750	1,750,000	7,784	5-1/8	130	7,100	10,600
PSWR 2000	2,000,000	8,896	5-1/2	140	8,300	12,400
PSWR 2250	2,250,000	10,009	5-7/8	149	9,200	13,700
PSWR 2500	2,500,000	11,121	6-1/8	156	10,000	14,900
PSWR 2750	2,750,000	12,233	6-3/8	162	11,000	16,400
PSWR 3000	3,000,000	13,345	6-3/4	171	12,000	17,900

These are large diameter cables with heavy duty jackets
Weights & Dimensions can vary
Kevlar[®] is a registered trademark of DuPont
Twaron[®] is a Registered Trademark of Teijin Twaron B.V. Ltd.

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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Phillystran, Inc.
151 Commerce Drive
Montgomeryville, PA 18936-9628 USA

Phone: 215-368-6611
Fax: 215-362-7956
E-mail: info@phillystran.com