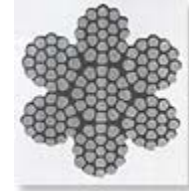


## PHILLYSTRAN® ROPES TECHNORA® (ARAMID)

**133-2/06**

Phillystran high tenacity Technora® aramid fiber ropes (PST) have been engineered for applications where lightweight, high strength and good abrasion resistance are important. Phillystran PST ropes are general purpose working ropes manufactured in a 7 strand construction with an overall braided polyester jacket. Typical applications where PST ropes should be considered are winch lines, mooring lines and towing lines.



PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT	
	LBS	kN	IN	mm	LBS/1000 FT	kg/km
PST 005	1,500	6.7	1/8	3.2	8	12
PST 008	4,000	18	3/16	4.8	19	28
PST 010	7,700	34	1/4	6.4	38	57
PST 020	15,000	67	3/8	10	56	83
PST 030	23,000	102	7/16	11	80	120
PST 040	28,000	125	1/2	13	100	150
PST 050	44,000	196	5/8	16	150	220
PST 060	63,000	280	3/4	19	200	300
PST 080	110,000	489	1	25	350	520
PST 145	145,000	645	1-1/8	29	445	660
PST 165	165,000	734	1-1/4	32	495	740
PST 210	210,000	934	1-1/2	38	615	920
PST 255	255,000	1,134	1-5/8	41	730	1,090
PST 310	310,000	1,379	1-3/4	44	855	1,270
PST 355	355,000	1,579	1-7/8	48	1,000	1,490
PST 470	470,000	2,091	2-1/8	54	1,300	1,930
PST 590	590,000	2,624	2-1/2	64	1,800	2,680
PST 710	710,000	3,158	2-3/4	70	2,150	3,200
PST 830	830,000	3,692	3	76	2,550	3,790
PST 945	945,000	4,203	3-1/4	83	3,000	4,460
PST 1065	1,065,000	4,737	3-1/2	89	3,500	5,210
PST 1180	1,180,000	5,250	3-5/8	92	4,000	5,950

Weights and Dimensions can vary  
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**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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