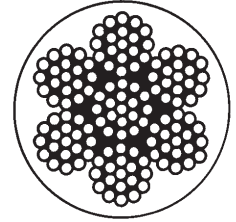


PHILLYSTRAN PST ROPES (Technora®)

Phillystran high tenacity Technora® aramid fiber ropes (PST) have been engineered for applications where light weight, high strength and excellent abrasion resistance are essential. Phillystran PST ropes are general purpose working ropes manufactured in a 7 strand “wirelay” construction with an overall braided polyester jacket. Phillystran will customize our ropes to meet the demands of your specific application -- contact us for details.



Core Fiber:	Technora® (Aramid)
Standard Jacket:	Braided Polyester*
Construction:	7 strand core with over-braided jacket
Specific Gravity:	1.39
Heat Resistance:	90% strength retention @ 392°F
Decomposition Temperature:	Above 932°F (500°C) - Core
Performance in Water:	Wet strength equals dry
Resistance to Chemicals, UV, Bending, Abrasion:	Excellent
Typical Applications:	Winching, Mooring, Towing, Emergency Tow Lines
Typical Markets:	Mining, Commercial Marine, Industrial

*Alternative jacket fibers or extruded jackets available

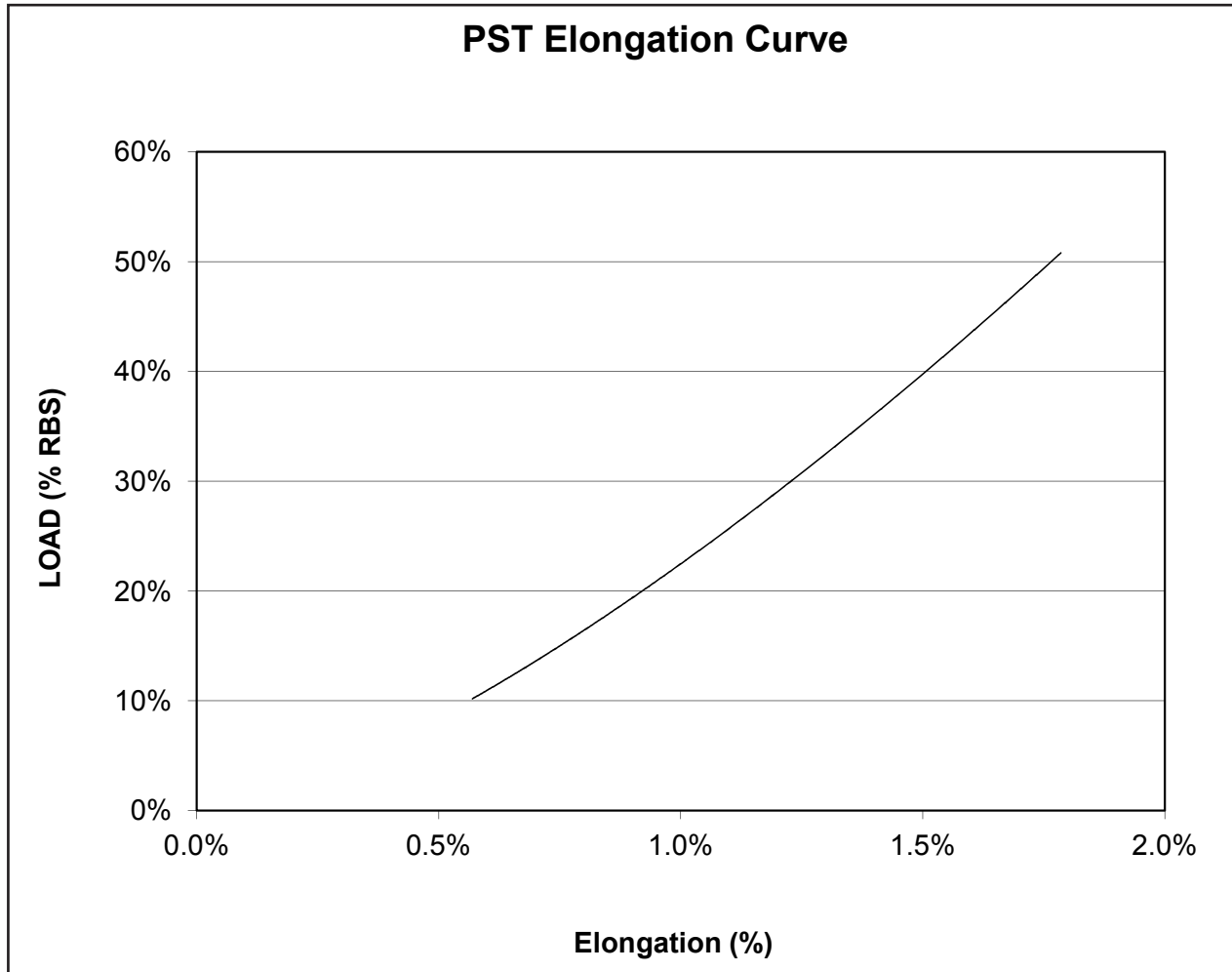


PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT	
	lb	kN	in	mm	lb/1000 ft	kg/km
PST 005	1,500	6.7	1/8	3.2	8	12
PST 008	4,000	18	3/16	4.8	19	28
PST 010	7,700	34	1/4	6.4	38	57
PST 020	15,000	67	3/8	10	56	83
PST 030	23,000	102	7/16	11	80	120
PST 040	28,000	125	1/2	13	100	150
PST 050	44,000	196	5/8	16	150	220
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 400	400,000	1,779	2	51	1,441	2,148
PST 550	550,000	2,447	2-1/2	64	1,793	2,673
PST 590	590,000	2,624	2-3/4	70	2,155	3,213
PST 725	725,000	3,225	3	76	2,603	3,880
PST 830	830,000	3,692	3-1/4	83	2,790	4,160
PST 1000	1,000,000	4,448	3-1/2	89	3,500	5,210

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.

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