

## PHILLYSTRAN® PSTB TORQUE BALANCED ROPES TECHNORA® (ARAMID)

186-2/06

Phillystran Torque Balanced Ropes made from high tenacity Technora® aramid fiber have been engineered for applications where lightweight, high strength and good bending performance are needed. Phillystran PSTB ropes are manufactured in a 36 strand counter-helic construction with overall braided polyester jackets and individual braided jackets on each strand for maximum bending life. Special jackets are available upon request including extruded jackets utilizing various compounds.

PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT	
	LBS	kN	IN	mm	LBS/1000 FT	kg/km
PSTB 012T	12,000	53	3/8	9.5	36	54
PSTB 030T	30,000	133	1/2	12.7	90	134
PSTB 060T	60,000	267	3/4	19.1	202	301
PSTB 110T	110,000	489	1	25.4	405	603
PSTB 125T	125,000	556	1-1/4	31.8	566	842
PSTB 165T	165,000	734	1-1/2	38.1	850	1265
PSTB 205T	205,000	912	1-5/8	41.3	1030	1533
PSTB 240T	240,000	1068	1-3/4	44.5	1200	1786
PSTB 300T	300,000	1334	2	50.8	1550	2306

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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