

# PHILLYSTRAN® HPTG TOWER GUY ROPES



Phillystran HPTG consists of a high modulus of elasticity aramid fiber core (parallel construction), protected with an extruded polyethylene jacket. This product offers low elongation, minimal constructional stretch, and is torque balanced.

PART NUMBER	BREAK STRENGTH		DIAMETER		WEIGHT		CORONA SOCKET	REEL LENGTH
	lb	kN	in	mm	lb/1000 ft	kg/km	PART NUMBER	FT
HPTG 1200	1,200	5.3	.16	4	8	11.9	CS1200	10,000
HPTG 2100	2,100	9.3	.19	5	13	19.2	CS2100	10,000
HPTG 4000	4,000	18	.25	6	21	31.2	CS4000	10,000
HPTG 6700	6,700	30	.31	8	34	50.6	CS 6700	10,000
HPTG 11200	11,200	50	.42	11	55	81.8	CS 11200	10,000
HPTG 15400	15,400	69	.46	12	69	102.7	CS 15400	10,000
HPTG 20800	20,800	93	.53	14	95	141.4	CS 20800	10,000
HPTG 27000	27,000	120	.61	16	117	174.1	CS 27000	10,000
HPTG 35000	35,000	156	.66	17	147	218.7	CS 35000	10,000
HPTG 42400	42,400	189	.74	19	173	257.4	CS 42400	8,000
HPTG 58300	58,300	259	.92	23	276	410.7	CS 58300	6,000
HPTG 85000	85,000	378	1.15	29	411	611.6	CS 85000	4,000
HPTG 130000	130,000	578	1.38	35	595	885.4	CS 130000	1,000
HPTG 200000	200,000	890	1.69	43	889	1322.8	CS 200000	800
HPTG 252000	252,000	1,121	1.95	50	1055	1569.8	CS 252000	600

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 working load limit. **Working Load Limit:** 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 working load limit. It is ultimately dependent on the rope user to determine what percentage of break strength is their own working load limit. **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 working load limit and retirement criteria for each application please call or write Phillystran.

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