

TC-12 PRO / TC-12 PLUS

Stringing Line



TC-12 is a 12-strand braided polyester rope that is highly renowned for its high strength and low elongation. It can be braided to virtually any length to meet the specific needs of customers.

TC-12 Pro is not only easy to splice but also highly user-friendly. Additionally, it features a wear-resistant polyurethane coating that delivers exceptional abrasion-resistance, making it a highly cost-effective option.

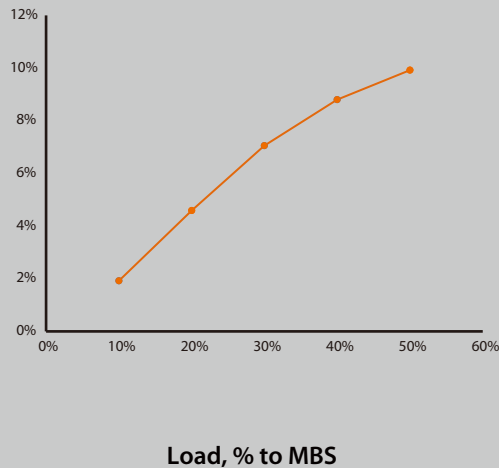


TC-12 PRO
Available in long lengths



TC-12 PLUS
Good grip

ELONGATION



TECHNICAL INFORMATION

MATERIAL | Polyester

SPECIFIC GRAVITY | 1.38

CONSTRUCTION | 12 Strand

ELONGATION AT 30% BREAK | 7.05%

WATER ABSORPTION | 0-1%

MELTING POINT | 492°F (256°C)



Excellent abrasion-resistance



Torque-free construction



Special coating



Low elongation



Easy to inspect



Cost-effective



Available in long lengths

		TC-12 PRO				TC-12 PLUS			
Diameter		Weight		Minimum Strength ISO Unspliced Rope		Weight		Minimum Strength ISO Unspliced Rope	
mm	inch	kg /100m	lbs/100ft	kgf	lbs	kg /100m	lbs/100ft	kgf	lbs
8	5/16	4.9	3.3	2,300	5,100	4.8	3.2	2,140	4,700
10	3/8	5.8	3.9	3,200	7,100	6.4	4.3	2,770	6,100
11	7/16	9.4	6.3	4,200	9,300	9.7	6.5	4,320	9,500
12	1/2	11.9	8.0	5,700	12,400	13.7	9.2	5,950	13,100
14	9/16	14.8	9.9	6,600	14,400	18.6	12.5	7,180	15,800
16	5/8	18.2	12.2	8,800	19,300	22.0	14.8	8,550	18,800
18	3/4	25.9	17.4	11,100	24,400	26.4	17.7	11,270	24,800
22	7/8	38.6	25.9	16,400	36,200	39.8	26.7	15,550	34,200
24	1	57.6	38.6	23,700	52,100	51.7	34.7	20,230	44,500
28	1 1/8	65.6	44.0	28,400	62,600	71.6	48.1	24,550	54,000
30	1 1/4	78.0	52.3	32,600	71,700	81.9	55	28,180	62,000
32	1 5/16	88.8	59.8	37,600	82,700	92.4	62	31,360	69,000
36	1 1/2	106.0	71.5	44,200	97,200	116.9	78.5	39,680	87,300
40	1 5/8	134.0	90.3	53,500	117,700	144.3	96.9	49,000	107,800
44	1 3/4	156.0	105.0	64,000	140,800	174.6	117.2	59,270	130,400
48	2	185.0	124.0	72,700	159,900	207.8	139.5	70,550	155,200

Diameter, weight and MBS are determined in accordance with ISO 2307:2019.

Specifications are for unspliced strengths, strength will decrease by about 10% after splicing.

Custom size and length and color available by request.

Warning: The minimum breaking strength must never be regarded as the safe working load of the rope.

