

Dyneema® (SK75) 12-Strand

Dyneema® (SK75) is a 12-strand High Modulus Polyethylene (HMPE) braided rope design. This rope yields the maximum in strength-to-weight ratio and is stronger than wire rope constructions - yet it floats. Superior flexibility, fatigue and wear resistance.

Features

- Stronger than wire of comparable diameter
- Extremely light
- Highly abrasion resistant
- Stronger than SK60 or Spectra®
- Easily spliced
- A size for size strength replacement for wire rope at only 1/7th the weight
- Torque-free, very flexible, easy to handle
- Similar elastic elongation to wire rope
- Easily inspected or field spliced
- Floats
- Fatigue and wear resistant

Applications

- Helicopter longlines
- Diving lifelines
- Trawl and bridle lines
- Wire replacement - non jacketed
- High performance tug lines
- Pulling and stringing lines
- Winch lines
- Logging
- Wire replacement ropes
- General working lines
- Heavy lift slings

Barry Cordage Ltd.

6110 boul. des Grandes Prairies
Montreal QC H1P 1A2 Canada
☎ 514.328.3888 ☎ 514.328.1963
1.800.305.2673 (Canada / USA)



SPECIFICATIONS

- Standard colours: Blue, Green, Orange, White
- Other colours available upon request

Diameter (mm)	(in)	kg per 100m	lbs per 100ft	Average Strength		Minimum Strength	
				(kg)	(lbs)	(kg)	(lbs)
3,2	1/8	0,74	0,5	1 100	2 500	1 000	2 300
4,8	3/16	1,5	1,0	2 400	5 400	2 200	4 900
6,4	1/4	2,4	1,6	3 900	8 600	3 500	7 700
7,9	5/16	4,0	2,7	6 200	13 700	5 600	12 300
9,5	3/8	5,4	3,6	8 900	19 600	8 000	17 600
11,1	7/16	6,2	4,2	10 800	23 900	9 800	21 500
12,7	1/2	9,5	6,4	15 400	34 000	13 900	30 600
14,3	9/16	11,8	7,9	18 400	40 500	16 500	36 500
15,9	5/8	15,2	10,2	24 000	52 800	21 600	47 500
19,1	3/4	19,8	13,3	29 200	64 400	26 300	58 000
22,2	7/8	29,2	19,6	41 200	90 800	37 100	81 700
25,4	1	32,4	21,8	49 400	109 000	44 500	98 100
28,6	1-1/8	47,5	31,9	67 100	148 000	60 400	133 000
31,8	1-1/4	53,9	36,2	75 000	165 000	67 500	149 000
33,3	1-5/16	62,2	41,8	83 600	184 000	75 200	166 000
34,0	1-3/8	67,0	45,0	93 200	205 000	83 900	185 000
38,1	1-1/2	76,9	51,7	103 000	228 000	93 000	205 000
41,3	1-5/8	97,0	65,2	128 000	283 000	116 000	255 000
44,5	1-3/4	117	78,4	152 000	335 000	137 000	302 000
50,8	2	129	87,0	173 000	381 000	155 000	343 000

Elastic Elongation at % break strength		
10%	20%	30%
0.46% elongation	0.70% elongation	0.96% elongation

Dyneema® is a registered trademark of Toyobo Ltd, Japan
Spectra® is a registered trademark of Honeywell International Inc.