

12
STRAND
CONSTRUCTION

Quantum-12

Product Code: 873

Class II

Lightweight, high strength rope that grips H-bitts and capstans

FEATURES:

- > Good grip on capstans and H-bitts
- > Excellent abrasion resistance
- > Floats
- > Easily spliced

APPLICATIONS:

- > Wire replacement
- > Tractor tug winch lines
- > Offshore messenger or pick-up line
- > For use on H-bitts, capstans and winches
- > General working lines
- > Rig row lines

Quantum-12 is the latest addition in the continuing development of products utilizing Samson's patented use of DPX® fiber. Much like Quantum-8, Quantum-12 is a lightweight, high strength, floating rope that can grip a capstan or H-bitt. The DPX® fiber provides superior abrasion and cut resistance, but with a higher coefficient of friction than similar high performance ropes such as AmSteel®Blue. The 12-strand construction provides added flexibility, improved handling and easy spliceability. Green Samthane coating provides excellent visibility and additional abrasion resistance.



Size Diameter INCHES	Size Circumference INCHES	Weight Per 100 FT. POUNDS	SRT MBS* POUNDS	Size Diameter MILLIMETERS	Weight Per 100 M KILOGRAMS	SRT MBS* METRIC TONNES	ISO/BS EN919 MBS METRIC TONNES
1 in.	3 in.	23.3 lbs.	73,800 lbs.	24mm	34.7 Kg	33.5 MT	37.2 MT
1-1/8 in.	3-1/2 in.	29.5 lbs.	94,500 lbs.	28mm	43.9 Kg	42.9 MT	47.6 MT
1-1/4 in.	3-3/4 in.	36.4 lbs.	117,000 lbs.	30mm	54.2 Kg	53.1 MT	59.0 MT
1-5/16 in.	4 in.	40.1 lbs.	131,000 lbs.	32mm	59.7 Kg	59.6 MT	66.2 MT
1-5/8 in.	5 in.	61.5 lbs.	216,000 lbs.	40mm	91.5 Kg	98.0 MT	109.0 MT
1-3/4 in.	5-1/2 in.	71.4 lbs.	275,000 lbs.	44mm	106.0 Kg	125.0 MT	138.0 MT
2 in.	6 in.	93.2 lbs.	302,000 lbs.	48mm	139.0 Kg	137.0 MT	152.0 MT
2-1/8 in.	6-1/2 in.	105.0 lbs.	338,000 lbs.	52mm	156.0 Kg	153.0 MT	170.0 MT
2-1/4 in.	7 in.	118.0 lbs.	374,000 lbs.	56mm	176.0 Kg	169.0 MT	188.0 MT
2-3/8 in.	7-1/8 in.	131.0 lbs.	419,000 lbs.	57mm	195.0 Kg	190.0 MT	211.0 MT
2-1/2 in.	7-1/2 in.	146.0 lbs.	495,000 lbs.	60mm	217.0 Kg	225.0 MT	249.0 MT
2-5/8 in.	8 in.	161.0 lbs.	558,000 lbs.	64mm	240.0 Kg	253.0 MT	281.0 MT
2-3/4 in.	8-1/2 in.	176.0 lbs.	612,000 lbs.	68mm	262.0 Kg	278.0 MT	308.0 MT
3 in.	9 in.	210.0 lbs.	698,000 lbs.	72mm	312.0 Kg	316.0 MT	352.0 MT
3-1/4 in.	10 in.	246.0 lbs.	768,000 lbs.	80mm	366.0 Kg	348.0 MT	387.0 MT

*Spliced strength

Larger sizes may be available. Contact customer service for details.

SPECIFICATIONS:

Specific Gravity:
0.99

Elastic Elongation Percentage:

At % of break strength
 10%.....0.65%
 20%.....0.75%
 30%.....0.90%

Splicing Procedures Required:

- > EYE SPLICE
12-Strand/Class II Rope
- > END FOR END SPLICE
12-Strand/Class II Rope

