

Quantum-8

Product Code: 863

Class II

Lightweight, high-strength floating line with grip for use on H-bitts and capstans

FEATURES:

- > A blend of polyester and Dyneema® SK-75
- > Good grip on capstans, H-bitts and traction winches
- > Floats
- > Better abrasion resistance than Proton®8
- > Excellent single drum spooling capabilities

APPLICATIONS:

- > Wire replacement
- > Winch lines
- > General working lines
- > Heavy lift slings
- > Rig tow lines
- > Lowering / lifting lines
- > Secondary mooring lines
- > Barge and dredge working lines

Quantum-8 was developed to meet customer requests for a lightweight, high strength, torque-free rope that can float and grip a winch or capstan. Lighter and stronger than Proton®8, Quantum-8 is a unique upgrade. This patented construction utilizes Samson's exclusive DPX™ fiber technology. Quantum-8 has comparable grip to Proton®8 – but unlike Proton®8, it floats. Samson's proven DPX™ fiber technology has the best abrasion and cut resistance of all high performance fibers, so rope durability is excellent. Quantum-8 has multiple marine uses. It can be used as a high-performance tug working line, a floating tug stern line, a typhoon or vessel mooring line, an offshore messenger or pick-up line. Quantum-8 has an orange urethane coating for high visibility as well as additional abrasion resistance.

DYNEEMA®SK-75/
POLYESTER
BLEND

8-STRAND
CONSTRUCTION



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
2 in.	6 in.	92.0 lbs.	290,000 lbs.	48mm	137.0 Kg	131.0 MT	146.0 MT
2-1/8 in.	6-1/2 in.	104.0 lbs.	324,000 lbs.	52mm	155.0 Kg	147.0 MT	163.0 MT
2-1/4 in.	7 in.	116.0 lbs.	356,000 lbs.	56mm	173.0 Kg	161.0 MT	179.0 MT
2-3/8 in.	7-1/8 in.	130.0 lbs.	396,000 lbs.	57mm	193.0 Kg	180.0 MT	200.0 MT
2-1/2 in.	7-1/2 in.	144.0 lbs.	437,000 lbs.	60mm	214.0 Kg	198.0 MT	220.0 MT
2-5/8 in.	8 in.	158.0 lbs.	477,000 lbs.	64mm	235.0 Kg	216.0 MT	240.0 MT
2-3/4 in.	8-1/2 in.	174.0 lbs.	522,000 lbs.	68mm	259.0 Kg	237.0 MT	263.0 MT
3 in.	9 in.	207.0 lbs.	617,000 lbs.	72mm	308.0 Kg	280.0 MT	311.0 MT
3-1/4 in.	10 in.	243.0 lbs.	720,000 lbs.	80mm	362.0 Kg	327.0 MT	363.0 MT
3-5/8 in.	11 in.	289.0 lbs.	850,000 lbs.	88mm	430.0 Kg	385.0 MT	428.0 MT
4 in.	12 in.	369.0 lbs.	1,079,000 lbs.	96mm	549.0 Kg	489.0 MT	544.0 MT
4-1/4 in.	13 in.	435.0 lbs.	1,259,000 lbs.	104mm	647.0 Kg	571.0 MT	635.0 MT
4-5/8 in.	14 in.	503.0 lbs.	1,452,000 lbs.	112mm	748.0 Kg	658.0 MT	732.0 MT
5 in.	15 in.	580.0 lbs.	1,658,000 lbs.	120mm	863.0 Kg	752.0 MT	836.0 MT
5-1/4 in.	16 in.	663.0 lbs.	1,895,000 lbs.	128mm	987.0 Kg	860.0 MT	955.0 MT
5-1/2 in.	17 in.	760.0 lbs.	2,129,000 lbs.	136mm	1,131.0 Kg	966.0 MT	1,073.0 MT
6 in.	18 in.	856.0 lbs.	2,354,000 lbs.	144mm	1,274.0 Kg	1,068.0 MT	1,186.0 MT

*Spliced strength

SPECIFICATIONS:

Specific Gravity:

1.00

Elastic Elongation Percentage:

At % of break strength

10%0.97%

20%1.15%

30%1.29%

Splicing Procedures Required:

> **EYE SPLICE**

8-Strand/Class II Rope

> **END FOR END SPLICE**

8-Strand/Class II Rope



Dyneema® is a registered trademark of Royal DSM N.V.
Dyneema is DSM's high-performance polyethylene product.

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THE STRONGEST NAME IN ROPE

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