



Quantum-8

Product Code: 863

Class II

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

FEATURES:

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

APPLICATIONS:

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



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	3	23.0	57,600	24	34.2	26.1	29.0
1-1/8	3-1/2	29.1	76,500	28	43.3	34.7	38.6
1-1/4	3-3/4	35.9	103,000	30	53.4	46.5	51.7
1-5/16	4	39.7	116,000	32	59.1	52.7	58.5
1-3/8	4-1/8	43.5	123,000	34	64.7	55.9	62.1
1-1/2	4-1/2	51.8	165,000	36	77.1	74.7	83.0
1-5/8	5	60.7	198,000	40	90.3	89.8	99.8
1-3/4	5-1/2	70.4	228,000	44	105.0	103.0	115.0
2	6	92.0	290,000	48	137.0	131.0	146.0
2-1/8	6-1/2	104.0	324,000	52	155.0	147.0	163.0
2-1/4	7	116.0	356,000	56	173.0	161.0	179.0
2-3/8	7-1/8	130.0	396,000	57	193.0	180.0	200.0
2-1/2	7-1/2	144.0	437,000	60	214.0	198.0	220.0
2-5/8	8	158.0	477,000	64	235.0	216.0	240.0
2-3/4	8-1/2	174.0	522,000	68	259.0	237.0	263.0
3	9	207.0	617,000	72	308.0	280.0	311.0
3-1/4	10	243.0	720,000	80	362.0	327.0	363.0
3-5/8	11	289.0	850,000	88	430.0	385.0	428.0
4	12	369.0	1,079,000	96	549.0	489.0	544.0
4-1/4	13	435.0	1,259,000	104	647.0	571.0	635.0
4-5/8	14	503.0	1,452,000	112	748.0	658.0	732.0
5	15	580.0	1,658,000	120	863.0	752.0	836.0
5-1/4	16	663.0	1,895,000	128	987.0	860.0	955.0
5-1/2	17	760.0	2,129,000	136	1,131.0	966.0	1,073.0
6	18	856.0	2,354,000	144	1,274.0	1,068.0	1,186.0

*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

