

MoorLite™ Tethers

MoorLite™ tethers enable mooring at depths unreachable by wire, chain and polyester

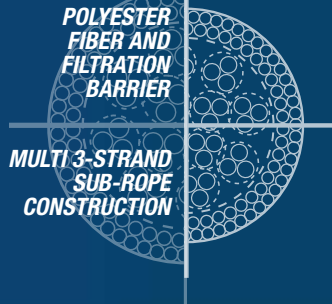
FEATURES

- > Available in torque-matched or torque-balanced designs
- > Multi 3-strand sub-rope design
- > Certification to ABS/DNV and others available
- > Long continuous lengths
- > Plants located in Ferndale, Washington and Lafayette, Louisiana, USA for best logistics and delivery to the Gulf of Mexico and around the world

Lightweight, ultra-strong high-performance MoorLite™ tethers provide easier handling and allow mooring in ultra deep waters where modern technology is moving drilling and production operations. With the strength of wire at 1/7th the weight, they offer easier handling and safer, faster operations.

Samson MoorLite™ tethers feature 100% Dyneema® SK-78 fiber 3-strand sub-ropes, and a full filtration barrier wrap. The braided cover is made from polyester. Constructed in either torque-matched or torque-balanced configurations, MoorLite™ tethers are available in the long lengths needed to meet today's demands. The increased strength and significant weight reduction over traditional polyester tethers may allow downsizing for more efficient mooring operations.

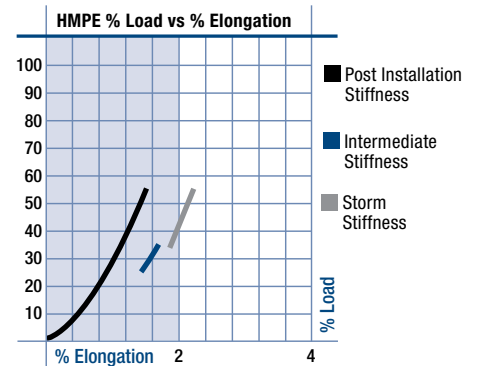
In addition, every MoorLite™ tether comes complete with The Samson Advantage — the most comprehensive customer service package in the industry. Samson's technical sales and engineering team works with you throughout your project, from design and setting initial specifications through necessary on-site support. That's The Samson Advantage — our customers call it peace of mind.



SPECIFICATION DATA

Size Diameter MILLIMETERS	Weight (DRY) per meter KILOGRAMS	Weight in Sea Water* BOUYANT	Maximum Length* METERS	ISO/BS EN919 MBS METRIC TONS
87mm	4.86 Kg	BUOYANT IN SEA WATER	26,000 m	400 T
97mm	6.08 Kg		21,000 m	500 T
106mm	7.29 Kg		17,000 m	600 T
115mm	8.51 Kg		15,000 m	700 T
123mm	9.72 Kg		13,000 m	800 T
130mm	10.94 Kg		12,000 m	900 T
137mm	12.15 Kg		10,000 m	1,000 T
144mm	13.37 Kg		9,400 m	1,100 T
150mm	14.58 Kg		8,700 m	1,200 T
156mm	15.80 Kg		7,900 m	1,300 T
162mm	17.01 Kg		7,400 m	1,400 T
168mm	18.23 Kg		7,000 m	1,500 T
173mm	19.44 Kg		6,600 m	1,600 T
179mm	20.66 Kg		6,200 m	1,700 T
184mm	21.87 Kg		5,800 m	1,800 T
189mm	23.09 Kg		5,500 m	1,900 T
194mm	24.30 Kg	5,300 m	2,000 T	

NOTES: Diameter and length are approximate. Longer lengths and higher strengths may be available. *Based on sea water density of 1.03 kg/l



Stiffness values as per API 2SM. Please contact Samson Engineering for additional information.



samson
THE STRONGEST NAME IN ROPE



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

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