

Toro™ 12-Strand HMPE Mooring Ropes – High Strength, Low Weight

Toro™ 12-Strand HMPE ropes are engineered for high-performance mooring operations requiring exceptional strength with reduced weight.

Designed to replace traditional steel wire ropes, they are lightweight, floatable, abrasion-resistant, and easy to handle. With a torque-free braided construction and polyurethane finish, Toro ropes offer extended service life and splicing flexibility. Compliant with Cordage Institute CI 1500-02, they are suitable for marine, offshore, port, and industrial use. Contact our team for custom terminations (thimbles, links, rings), custom lengths, or special coatings as required.

COD EUROSUL: 096184

IMPA: ---

Part Number: ---

Approvals: ---



Specifications

Features:

Material: High Modulus Polyethylene (HMPE)

Fixings: Available upon request

Design: 12-strand braided, torque-free

Coating: Polyurethane finish

Standard Length: 220 meters

Applications:

Steel wire rope replacement

Vessel and offshore platform mooring

Tug assist lines and barge towing

Heavy-duty industrial winching and lifting

Benefits:

Readiness: Delivered with optional eyes or hardware

Durability: High strength, abrasion resistance, and flex fatigue

Safety: Minimal stretch and high operational reliability

A premium rope engineered for critical marine and offshore operations requiring strength, safety, and efficient handling.

Available Models:

Eurosul Code	Diameter (mm)	Circumference (in)	Length (m)	Breaking Load (t)	Weight (kg)
096184	3	3/8"	220	1.41	2.27
096185	5	9/16"	220	2.77	3.94
096186	6	3/4"	220	4.00	5.72
096187	8	15/16"	220	5.90	8.36
096188	9	1-1/8"	220	8.80	11.66
096189	11	1-1/4"	220	11.10	15.62
096190	12	1-1/2"	220	15.40	20.02
096191	14	1-3/4"	220	18.40	24.86
096192	16	2"	220	24.10	31.02
096193	18	2-1/4"	220	31.10	44.22
096194	20	2-1/2"	220	37.30	51.70
096195	22	2-3/4"	220	42.50	60.50
096196	24	3"	220	52.90	77.66
096197	26	3-1/4"	220	61.30	88.00
096198	28	3-1/2"	220	69.00	99.22
096199	30	3-3/4"	220	79.10	121.88

Eurosul Code	Diameter (mm)	Circumference (in)	Length (m)	Breaking Load (t)	Weight (kg)
096200	32	4"	220	88.90	134.64
096201	36	4-1/2"	220	108.30	176.22