ROPENET

TOUGH-HS™ 24

High Tenacity Polyolefin

Structure: 24-strand

A 24 strands rope typically refers to a rope that is braided using 12 strands, with each strand potentially being a double braid. The 24 construction rope, with its additional strand layers, provides greater flexibility, making it easier to handle and more adaptable to various applications.With its additional strand layers, provides greater flexibility, making it easier to handle and more adaptable to various applications. With multiple strands, the construction rope distributes loads more evenly, reducing stress on individual strands and enhancing overall rope performance.This construction rope allows for smoother handling, reducing the risk of kinking or twisting during use.

Applications:
Mooring Lines
Towing Lines

Code	Dia		Circ.	Weight		Unspliced MBL		LDBF, Spliced MBL	
	mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN
6108820	36	1-1/2	4-1/2	64.1	43.0	30.2	296	27.5	269
6108822	40	1-5/8	5	79.1	53.1	36.9	362	33.5	329
6108823	44	1-3/4	5-1/2	97.7	65.6	43.9	430	39.9	391
6108825	48	2	6	114.5	76.9	51.8	508	47.1	462
6108826	52	2-1/8	6-1/2	134.0	90.0	60.2	590	54.8	537
6108827	56	2-1/4	7	156.0	104.7	69.2	678	62.9	617
6108828	60	2-1/2	7-1/2	179.0	120.2	78.4	769	71.3	699
6108830	64	2-5/8	8	203.6	136.7	88.3	865	80.2	786
6108831	68	2-3/4	8-1/2	230.0	154.4	99.1	971	90.1	883
6108833	72	3	9	258.0	173.2	110.3	1081	100.3	983
6108836	80	3-1/4	10	319.0	214.2	133.9	1312	121.7	1193
6108838	88	3-5/8	11	386.0	259.1	159.9	1567	145.4	1425
6108840	96	4	12	459.0	308.2	188.3	1845	171.2	1678
6108842	104	4-1/4	13	536.0	359.9	218.2	2138	198.3	1944
6108845	112	4-5/8	14	623.0	418.3	252.5	2474	229.5	2250
6108848	120	5	15	718.0	482.0	286.9	2812	260.8	2556

a. Bespoke diameter and length is available.
b. ±5% tolerance according to ISO 2307:2010.
c. LDBF=Line Design Break Force according to OCIMF Mooring Equipment Guidelines 4(MEG4).

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