

TOUGH-MIX PRO™ 24

High Tenacity Polyolefin & Polyester Mixed

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. inch	Weight		Unspliced MBL		LDBF, Spliced MBL	
	mm	inch		kg/100m	lbs/100ft	ton	kN	ton	kN
6109820	36	1-1/2	4-1/2	69.2	46.5	29.8	293	26.8	263
6109822	40	1-5/8	5	85.4	57.3	36.5	357	32.8	321
6109823	44	1-3/4	5-1/2	103.3	69.4	43.7	428	39.3	385
6109825	48	2	6	122.1	82.0	51.6	506	46.6	456
6109826	52	2-1/8	6-1/2	145.2	97.5	60.1	589	54.2	531
6109827	56	2-1/4	7	167.2	112.3	69.4	680	62.4	612
6109828	60	2-1/2	7-1/2	192.5	129.2	79.1	776	71.3	698
6109830	64	2-5/8	8	218.9	147.0	89.5	878	80.6	790
6109831	68	2-3/4	8-1/2	247.5	166.2	100.3	983	90.3	885
6109833	72	3	9	277.2	186.1	111.9	1097	100.8	988
6109836	80	3-1/4	10	342.1	229.7	136.6	1339	123.0	1205
6109838	88	3-5/8	11	412.5	276.9	164.6	1613	147.6	1446
6109840	96	4	12	491.7	330.1	194.4	1906	174.6	1711
6109842	104	4-1/4	13	578.6	388.5	225.7	2211	203.0	1989
6109845	112	4-5/8	14	665.5	446.8	261.1	2559	235.5	2308
6109848	120	5	15	767.8	515.5	298.0	2920	268.2	2629

- 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).

