

PRODUCT DATA SHEET

ROPENET

TOUGH MIX 3

Construction:3-strand

Updated product of High Tenacity polypropylene & polyester, It's superior to pure polyester or polypropylene only, lighter weight than polyester and stronger break strength than polypropylene, this rope is smooth, non-rotational and excellent coefficient of friction.

Features:

Specific Gravity:0.99g/cm³
 Melting Point: 165/260°C
 Abrasion Resistance:Very Good
 Chemical Resistance:Very Good
 UV Resistance:Very Good
 Water Absorption : 0%
 Wet-dry Strength Ratio: Dry Wet

Applications:

Davit
 Lifting Sling
 Tugging Main Line
 Fishing Line
 Mooring Line
 Offroad Winch Rope
 General Working Line



Dia.		Circ.	Weight		Unspliced MBL		Spliced MBL	
mm	inch	inch	kg/100m	lbs/100ft	ton	kN	ton	kN
12	1/2	1-1/2	9.2	6.2	2.2	22	2	20
14	9/16	1-3/4	11.8	7.9	2.7	26	2.3	23
16	5/8	2	14.1	9.5	3.1	30	2.8	27
18	3/4	2-1/4	20.1	13.5	4.3	42	3.8	37
22	7/8	2-3/4	26.8	18	5.6	55	5	49
24	1	3	32.4	21.7	6.6	65	6	59
26	1-1/16	3-1/4	36.5	24.5	7.4	73	6.7	66
28	1-1/8	3-1/2	40.3	27	8.3	81	7.4	73
30	1-1/4	3-3/4	49.7	33.3	10	98	9.1	89
32	1-5/16	4	54.3	36.4	11.1	109	10	98
36	1-1/2	4-1/2	69.9	46.9	14.3	140	12.9	126
40	1-5/8	5	81.9	54.9	16.6	163	15	147
44	1-3/4	5-1/2	92.3	61.9	18.6	182	16.7	164
48	2	6	120.5	80.8	24.3	238	21.8	214
52	2-1/8	6-1/2	135.4	90.8	27.2	267	24.5	240
56	2-1/4	7	150.3	100.8	30.2	296	27.2	267
60	2-1/2	7-1/2	184.5	123.8	37.1	364	33.4	327
64	2-5/8	8	202.4	135.8	40.7	399	36.6	359
68	2-3/4	8-1/2	239.6	160.7	48.2	472	43.3	424
72	3	9	258.9	173.7	51.9	509	46.7	458
80	3-1/4	10	315.5	211.6	61.9	607	55.7	546
88	3-5/8	11	385	258.2	72.8	713	65.5	642
96	4	12	460	308.5	87.3	856	78.6	770
100	4-1/8	12-1/2	500	335.4	96.3	944	86.7	850



Lloyd's Register



ClassNK

