

# PRODUCT DATA SHEET

# ROPENET

## TOUGH PLUS 8/12

### High Tenacity Polypropylene

#### Structure: 8/12 Strand

High strength floating rope. Excellent anti-abrasion properties contribute to longer working life, 3/8/12 strand structure, makes this rope a multi purpose ideal for general industrial & commercial fishing applications.

#### Features:

Specific Gravity:0.96g/cm<sup>3</sup>  
 Melting Point:165  
 Breaking Elongation:12%-20%  
 Abrasion Resistance:Very Good  
 Chemical Resistance:Very Good  
 UV Resistance:Good  
 Water Absorption:0%  
 Wet-dry Strength Ratio:100%

#### Applications:

Floating Tow Line  
 Mooring Line  
 Tie-up Line  
 Fishing Line  
 Mooring Pick-up Line



Dia.		Circ.	Weight		8 Strands				12 Strands			
mm	inch	inch	kg/10	lbs/1	Unspliced		Spliced		Unspliced		Spliced	
					ton	kN	ton	kN	ton	kN	ton	kN
12	1/2	1-1/2	6.52	4.37	2	23	2	21	2.4	24	2.2	22
14	9/16	1-3/4	8.88	5.96	3	31	3	28	3.4	33	3.1	30
16	5/8	2	11.6	7.78	4	40	4	36	4.4	43	4	39
18	3/4	2-1/4	14.7	9.86	5	50	5	45	5.5	54	5	49
20	13/16	2-1/2	18.1	12.1	6	62	6	56	6.7	66	6.1	60
22	7/8	2-3/4	21.9	14.7	8	74	7	67	8.1	79	7.3	72
24	1	3	26.1	17.5	9	88	8	80	9.7	95	8.7	85
26	1-1/16	3-1/4	30.6	20.5	11	103	9	93	11.2	110	10.1	99
28	1-1/8	3-1/2	35.5	23.8	12	118	11	106	12.9	126	11.6	114
30	1-1/4	3-3/4	40.8	27.4	14	134	12	121	14.7	144	13.2	129
32	1-5/16	4	46.4	31.1	16	152	14	137	16.6	163	14.9	146
36	1-1/2	4-1/2	58.7	39.4	19	190	18	172	20.8	204	18.8	184
40	1-5/8	5	72.5	48.6	24	233	21	210	25.4	249	23	225
44	1-3/4	5-1/2	87.7	58.8	28	278	26	250	30.3	297	27.2	267
48	2	6	104	69.8	33	327	30	295	35.7	350	32.1	315
52	2-1/8	6-1/2	122	81.8	39	381	35	342	41.5	407	37.3	366
56	2-1/4	7	142	95.2	45	437	40	393	47.7	467	43	421
60	2-1/2	7-1/2	163	109	51	495	46	446	54.1	530	48.7	477
64	2-5/8	8	186	125	57	558	51	502	60.9	597	54.8	537
68	2-3/4	8-1/2	210	141	64	626	57	563	68.4	670	61.5	603
72	3	9	235	158	71	697	64	627	76	745	68.5	671
80	3-1/4	10	290	195	86	845	78	761	92.3	905	83.2	815
88	3-7/16	11	351	235	103	1011	93	909	110	1082	99.3	973
96	3-3/4	12	417	280	121	1189	109	1071	130	1273	117	1145
104	4-1/4	13	490	329	140	1376	127	1240	150	1473	135	1327
112	4-5/8	14	568	381	163	1597	147	1436	174	1709	157	1536
120	4-3/4	15	652	437	185	1810	166	1631	198	1936	178	1745
128	5-5/16	16	742	498	210	2056	189	1852	225	2200	202	1982
136	5-5/8	17	838	562	236	2311	212	2082	252	2473	227	2227
144	6	18	939	630	264	2583	238	2328	282	2764	254	2491
152			1050	704	274	2685	264	2583	293	2873	282	2764
160	6-5/16	19	1160	778	324	3178	292	2863	347	3400	313	3064



Lloyd's Register



ClassNK



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