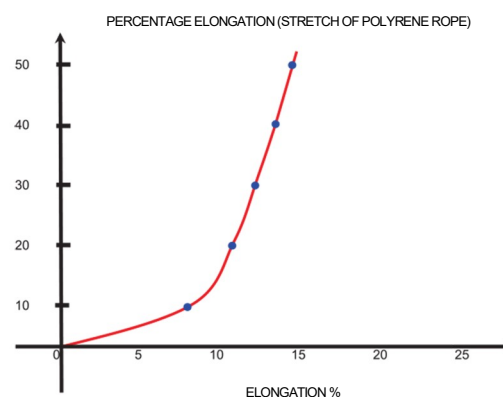




SYNTHETIC FIBRE ROPES

POLYRENE 12 STRAND

- Wet strength equal to dry strength.
- High strength weight ratio for ease of handling.
- Excellent abrasion resistance against internal and external friction.
- Exceptional resistance to frictional heat damage.
- Manufactured in accordance with OCIMF guidelines.
- TCLL value of 73%. TCLL is the actual breaking load of a wet rope after 1000 cyclical loadings. This is expressed as a percentage of the original wet breaking strength.
- Excellent shock-load absorption, yielding low snapback at break.
- Remains flexible & easy to splice in use.
- Does not absorb water.
- Excellent chemical resistance, except in the presence of alkalis.
- Construction: 3-4-8-12 Strand.
- Colour: White.
- Marker: Yellow.
- Specific Gravity: 0.99 - 1.14.
- Melting Point: 265 °c / 165 °c.
- U.V Resistance: Good.
 - (as per customer request).
- Dry & Wet Conditions: identical wet & dry strengths.
- Abrasion Resistance: excellent.
- Classification: GI & Mills.
- Bending Ratio: equally dry & wet.
- Elongation at breaking point: 18%.
- Floats/sinks: as per special request.



Diameter mm	inch	Stock code	Weight m/kg	Weight ft/kg	Weight 220m/kg	Weight 220m/lbs	Maximum breaking load† kgf	Maximum breaking load† lbs	kN	Maximum length m
40	1-5/8	ROPEPRNMULT40/1	1.39	4.57	158.00	347.60	24980	54956	244.90	350
44	1-3/4	ROPEPRNMULT44/1	1.14	3.73	193.50	425.70	30165	66363	295.74	850
48	1-15/16	ROPEPRNMULT48/1	0.96	3.15	229.00	503.80	35350	77770	346.57	750
52	2-1/16	ROPEPRNMULT52/1	0.81	2.67	268.00	589.60	43400	95480	425.49	650
56	2-1/4	ROPEPRNMULT56/1	0.71	2.31	312.00	686.40	49400	108680	484.31	600
60	2-3/8	ROPEPRNMULT60/1	0.61	2.01	358.00	787.60	56200	123640	550.98	500
64	2-1/2	ROPEPRNMULT64/1	0.54	1.77	407.00	895.40	64100	141020	628.43	450
68	2-15/16	ROPEPRNMULT68/1	0.48	1.57	460.00	1012.00	72200	158840	707.84	400
70	2-3/4	ROPEPRNMULT70/1	0.45	1.48	486.00	1069.20	76200	167640	747.06	365
72	2-7/8	ROPEPRNMULT72/1	0.43	1.40	514.00	1130.80	80200	176440	786.27	350
76	3	ROPEPRNMULT76/1	0.38	1.26	574.00	1262.80	89300	196460	875.49	330
80	3-5/32	ROPEPRNMULT80/1	0.34	1.13	638.00	1403.60	98400	216480	964.71	280
84	3-1/2	ROPEPRNMULT84/1	0.31	1.03	705.00	1551.00	108300	238260	1061.76	250
88	3-15/16	ROPEPRNMULT88/1	0.26	0.85	772.00	1698.40	118700	261140	1163.73	220
96	3-3/4	ROPEPRNMULT96/1	0.24	0.79	917.00	2017.40	140600	309320	1378.43	200
100	4	ROPEPRNMULT100/1	0.22	0.72	994.00	2186.80	151200	332640	1482.35	183

*The MBL should never be considered as the safe working load of the rope. Specifications subject to +/- 5 % variation. Larger diameters available on request.