SUPERLINE HS 75 & 78 DATASHEET

ENGINEERED FOR:

Winching

Towing

Cabling

Superline HS 75 & 78 is a high strength, low elongation 'jacketed' rope that is a lightweight alternative to steel wire. Firm and round in profile, Superline HS has excellent drum spooling properties and is available with either a polyester or HMPE jacket which offers outstanding cut and abrasion resistance. Other cover and coating options are available upon request which can improve abrasion and cut resistance, protect the load bearing core, and improve the rope's coefficient of friction. Superline HS 75 & 78 is available in SK75 or SK78 Dyneema®, offering class-leading strength, quality, and consistency with proven success and lifetime reliability. In addition, the technical and data support from the experts at Dyneema® and the fibre made from bio-circular raw materials (SK78) ensures both sustainability and a product of superior quality.

KEY FEATURES:

- Excellent abrasion resistance • Excellent cut resistance • High strength • Lightweight
- No wire splinters

TECHNICAL INFORMATION:

DIAMETER	CIRCUM.	WEIGHT		*MIN. LINEAR BREAKLOAD		MIN. BREAKLOAD SPLICED	
mm	inch	kg/100m	lbs/100ft	kN	lbs	kN	lbs
24	3	0.3	0.2	0	82700	323	74600
26	3 1/4	0.3	0.2	0	99700	400	89900
28	3 1/2	0.4	0.2	0	117000	468	105000
30	3 3/4	0.4	0.3	0	126000	506	114000
32	4	0.4	0.3	0	137000	551	124000
34	4 1/4	0.4	0.3	0	156000	626	141000
36	4 1/2	0.5	0.3	0	175000	702	158000
38	4 3/4	0.5	0.3	0	194000	777	175000
40	5	0.5	0.3	0	213000	853	192000
42	5 1/4	1	0.4	0	227000	906	204000
44	5 1/2	1	0.4	1130	253000	1011	227000
48	6	1	0.4	1370	308000	1238	278000
50	6 1/4	1	0	1520	341000	1366	307000
52	6 1/2	1	0	1630	365000	1464	329000
56	7	1	0	1910	429000	1721	387000
60	7 1/2	1	1	2200	493000	1977	444000
64	8	1	1	2570	576000	2317	521000
68	8 1/2	1	1	2870	645000	2588	582000
72	9	1	1	3180	713000	2860	643000
76	9 1/2	1	1	3580	803000	3222	724000
80	10	1	1	3820	858000	3441	773000

*Min. linear breakload refers to unspliced ropes determined in accordance with ISO2307:2019

COLOURWAYS:

White

Marlow® HMPE

MADE IN THE UK - SINCE 1807

SUPERLINE HS 75 & 78 DATASHEET

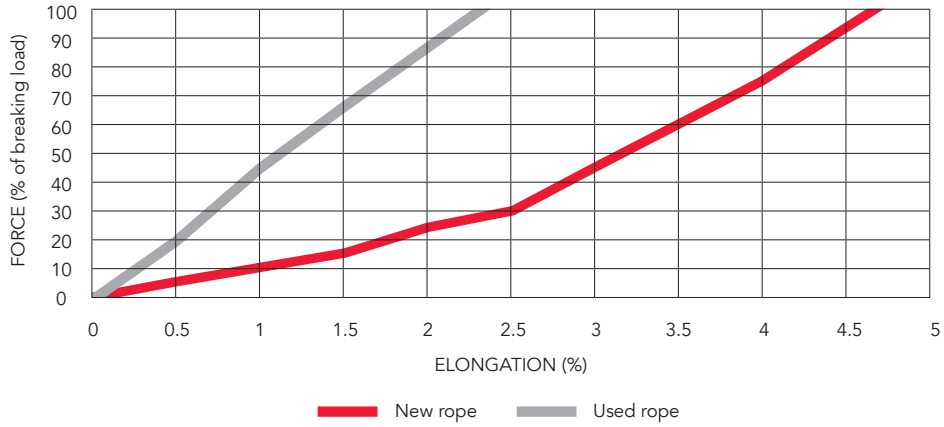
TECHNICAL INFORMATION:

Dyneema®

RELATIVE DENSITY	0.97 (Dyneema® core) / ~1.0 (PES cover)
CHEMICAL RESISTANCE	Excellent resistance to most chemicals
UV RESISTANCE	Very good
MELTING POINT	140°C / 284°F (HMPE)
CRITICAL TEMPERATURE	80°C / 176°F

CONSTRUCTION	12-strand core, 24-plait cover
MATERIAL	Dyneema® core, Polyester / HMPE cover
COATING	Coating available upon request
LENGTHS (m/ft)	Available upon request
TERMINATIONS	Plain end, spliced eye

ELONGATION:



The information in this document is subject to change without prior notice. Please refer to our website for the most up-to-date version.

Marlow®

Marlow Ropes Ltd **T:** +44 (0) 1323 444 444 | **E:** sales@marlowropes.com
Marlow Ropes Inc **T:** +1 508 830 0444 | **E:** salesusa@marlowropes.com

marlowropes.com