D12 MAX 99 DATASHEET

ENGINEERED FOR:

Winching Towing Lifting Event Rigging Vehicle Recovery

D12 Max 99 is a premium lightweight, very high strength, low elongation, versatile rope manufactured using Dyneema® SK99, delivering industry leading strength, stiffness, durability, and longevity. D12 Max 99 has approximately 15%-18% higher strength than D12 75 & 78 and demonstrates better creep performance than D12 Max 75. Manufactured using a 12x1 12-strand construction and colour-coded with Marlow's ArmourCoat, D12 Max undergoes our 'Max' special heating and pre-stretching process which takes the Dyneema® materials to the max, but delivers class-leading strength and low stretch.

KEY FEATURES:

• Very high strength • Low elongation • Low creep • Lightweight

TECHNICAL INFORMATION:

DIAMETER		WEIGHT		AVG. BREAKLOAD SPLICED		MIN. BREAKLOAD SPLICED	
mm	inch	kg/100m	lbs/100ft	kN	lbs	kN	lbs
2	5/64	0.36	0.24	9.7	2180	8.7	1960
2.5	3/32	0.45	0.3	11.7	2630	10.8	2420
3	1/8	0.68	0.46	17.6	3950	16.2	3630
3.5	9/64	0.9	0.6	23.3	5230	21	4700
4	5/32	1.11	0.74	28.9	6480	26.6	5970
5	3/16	1.56	1.05	37.4	8380	34.4	7710
5.5	7/32	2.01	1.35	48	10800	43.2	9720
6	7/32	2.23	1.5	53.4	12000	49.1	11000
7	1/4	3.56	2.39	87.7	19700	80.7	18100
8	5/16	4.45	2.98	110	24600	101	22600
9	3/8	5.4	3.62	123	27500	113	25300
10	13/32	6.3	4.22	143	32100	132	29600
11	7/16	7.75	5.06	172	38600	158	35500
12	15/32	9	6.04	205	45900	188	42200
13	1/2	10.7	7.18	241	54000	221	49600
14	9/16	12	8.05	277	62200	249	56000
15	9/16	13.4	8.99	301	67500	277	62100
16	5/8	15.8	10.6	345	77600	311	69800
17	11/16	18.4	12.34	374	83800	344	77100

Our ropes are designed in accordance with ISO10325:2018.

COLOURWAYS:



Black - Other colours available upon request.

Marlow® HMPE

MADE IN THE UK - SINCE 1807

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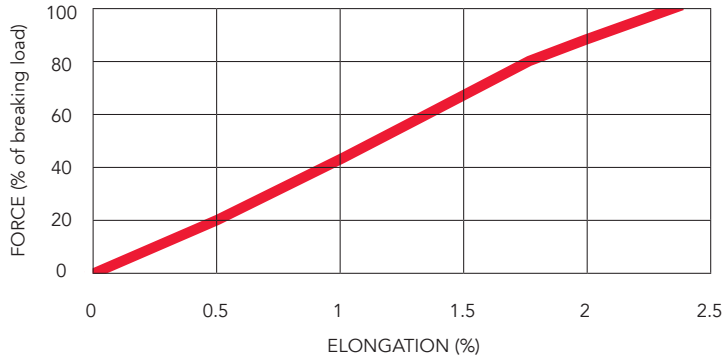
TECHNICAL INFORMATION:

Dyneema®

RELATIVE DENSITY	0.97 (floats)
CHEMICAL RESISTANCE	Excellent resistance to most chemicals
UV RESISTANCE	Very good
MELTING POINT	140°C / 284°F
CRITICAL TEMPERATURE	80°C / 176°F

CONSTRUCTION	12 x 1 single braid
MATERIAL	Dyneema® SK99
COATING	Marlow PU ArmourCoat
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®

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