

Marlow[®] DATASHEET

KITELINE*Race*

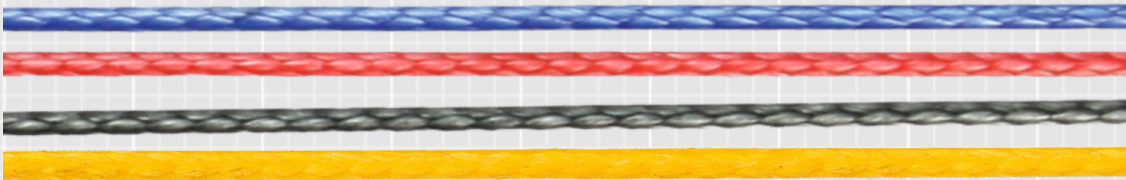
KITELINE*Race* utilises Dyneema SK99 and is available in 1.3mm and 1.5mm diameter. While maintaining the breakload of 270kg on the 1.3mm and 360kg for the 1.5mm the thinner than normal diameter improves kite performance especially in light winds.

MADE WITH BIO BASED
DYNEEMA[®] FIBRE



KITELINE*Freestyle*

KITELINE*Freestyle* utilises Dyneema SK78 and is available in 1.8mm diameter. It has a 455kg break load for improved safety and longevity.



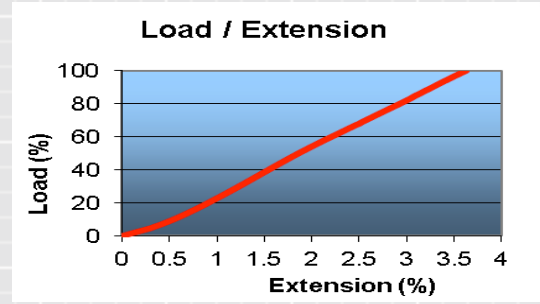
Key Specifications:

Applications:	Kitelines
Material:	Kiteline Race - Dyneema [®] SK99 Kiteline Freestyle - Dyneema [®] SK78
Construction:	Kiteline Race (1.3mm) and Kiteline Freestyle - 12 strand braid construction. Kiteline Race (1.5mm) 16 Strand braid construction.
Relative Density:	0.97 exact figure varies with diameter
Chemical Resistance:	Excellent resistance to most chemicals. (additional information available on request)
UV Resistance:	Good
Melting Point:	140°C
Critical Temperature:	80°C (prolonged exposure to temperatures over this will result in permanent strength loss)
Terminations:	N/A

ELONGATION

Typical working elongation (for bedded in rope)

@10% of break load	0.51%
@20% of breakload	0.89%
to break	3.60%



PERFORMANCE

DIAMETER		MASS		AVERAGE STRENGTH			MIN SPLICED STRENGTH		
mm	Inch	g/m	lb	kg	lb	kN	kg	lb	kN
1.3	3/64	1.4	0.09	270	594	2.6	243	535	2.4
1.5	1/16	1.8	0.12	360	792	3.5	324	713	3.2
1.8	5/64	2.4	1.16	455	1001	4.5	410	901	4.0

Marlow Ropes Ltd
Ropemaker Park
Hailsham
East Sussex, BN27 3GU
England
www.marlowropes.com

Marlow Ropes, Inc.
Cordage Business Park
Plymouth
MA 02360
USA

UK: +44 (0) 1323 444 444
sales@marlowropes.com
US: +1 508 830 444
salesusa@marlowropes.com



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