



Specification sheet

M32 UHMPE Flex

Applications

Mooring lines
Ground lines
Towing lines

Specifications

Material cover	HT polyester
Material core	Uncoated UHMPE
Specific gravity	1,00 - 1,20 kg/dm ³
Construction	Double braided
UV resistance	Excellent
Chemical resistance	Good
Melting point	147-256° C
Critical temperature	65° C
Working stretch	< 1%
Fiber water absorption	0-1%
Wet abrasion	Good
Dry abrasion	Good
Colour	Black, Navy, White, Grey

diameter Ø mm	weight (kg/100m)	break load (kgf)
16	20,5	15.000
18	25,2	19.000
20	30,8	22.500
22	36,3	26.000
24	41,4	29.800
26	46,5	33.500
28	55,2	41.000
30	65,5	50.877
32	71	54.791
36	79,2	66.091

Splicing will decrease the breakload of the line.
The load on mooring lines and ropes in general should never exceed 20% of the breaking load. Breaking strenghts can decrease up to 30% per year depending on their use.



Benefits

Flexible
Easy to store
High break load
Low weight
Stretchers loops are recommended

