

M-ropes quality mooring lines

Designed for superyachts

Premium lines

M-ropes have been designed to fulfill the wishes of our high demanding customers.

With a broad assortment of Polyester, Dyneema and HMPE lines we are able to provide the best mooring solution that fits your needs.

The yarns we use have the highest specs on the market ensuring a long lasting rope with high breaking loads to protect your vessel in the best way.

M-ropes have been the choice of lots of captains and chief officers as well as OEM boatbuilders who have been working with our brand for over 25 years.





Specification sheet

M32 Double braided Polyester

Applications

Mooring lines
Anchor lines
Tow lines

Specifications

Material cover	100% HT Polyester
Material core	100% HT Polyester
Specific gravity	1,38 kg/dm ³
Construction	32 plaid cover, 12 plaid core
UV resistance	Excellent
Chemical resistance	Good
Melting point	256° C
Critical temperature	170° C
Elongation at break	Approx. 15%
Fiber water absorption	Approx. 1-2%
Wet abrasion	Good
Dry abrasion	Good
Colour	White - Navy - Black

diameter Ø mm	weight (kg/100m)	break load (kgf)
30	68	19.000
32	76	21.500
34	89	24.250
36	97	27.000
38	110	30.000
40	121	33.000
42	134	36.500
44	146	40.000
46	159	43.500
48	177	47.000
56	239	63.000

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 strengths can decrease during their use.



Benefits

Does not harden
Does not kink
Soft to the touch
Durable
Hard wearing cover
High break load





Specification sheet

D32 UHMWPE

Applications

Mooring lines
Ground lines
Towing lines

Specifications

Material cover	HT polyester
Material core	coated UHMWPE
Specific gravity	1,00 - 1,20 kg/dm3
Construction	Double braided
UV resistance	Excellent
Chemical resistance	Excellent
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	21,4	29.800
26	46,5	33.500
28	55,2	41.000
30	65,5	50.877
32	71	54.791

Splicing will decrease the breakload of the line.
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of the breaking load. Breaking strengths can decrease during their use.



Benefits

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





Specification sheet

D12 UHMWPE

Applications

Ground lines
Anchor lines
Tow lines

Specifications

Material cover	-
Material core	UHMWPE
Specific gravity	0,97 kg/dm ³
Construction	12 strand braided
UV resistance	Excellent
Chemical resistance	Excellent
Melting point	149° C
Critical temperature	75° C
Elongation at break	Approx. 1-2%
Fiber water absorption	None
Wet abrasion	Excellent
Dry abrasion	Excellent
Colour	Yellow

diameter Ø mm	weight (kg/100m)	break load (kgf)
14	10.5	18.109
16	14	21.115
18	18	24.300
20	22	30.610
22	26	36.122
24	31	43.851
26	36	47.179
28	42	57.707
30	48	63.952
32	55	70.428



Benefits

Buoyant
Low stretch
Easy to splice
High break load
Low weight

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 strengths can decrease during their use.





Specification sheet

Finishes of lines



Premium lines

M-ropes are made out of high tenacity yarns which ensure a great abrasion resistance and thus lifespan of the rope. The core provides great stretch due to the twist/angle combination. Together this makes our M32 line the most popular line amongst captains.



NFC tags

Integrated in the lines are NFC tags. These allow you to scan the line and get all info including certificate nr. so the lines can be cross referenced and fulfill the latest requirements on mooring arrangements. Available from 30mm and above.



Chafe Pro

The eyes are protected with our Chafe-Pro tubular sleeve. These are extremely abrasion resistant and keep looking nice throughout the lifespan of the rope. Heavy duty Leather for the traditional yachts is available as well of course...



Colored whips

We can supply any color whip you like to recognize the length of the line.





Accessories for your lines



Chafe-Pro

The Megayacht series protects the lines against abrasion.

The Wooly's protect the paint of your yacht.

Both of them will increase the life-span of the lines and are highly recommended



Sacrificial loops

2mtr loops with dyneema core and abrasion resistand sleeve to lash onto the mooring line. These will protect the line against commercial bollards.



Stopper lines

The 8-strand polyester lines are ideally to use as stopper line. We've tested all constructions and materials and found that these lines will have the best grip with little damage to the line.



Heaving lines

Leather sandbags with 8mm polyester line of 30m.

Any diameter and length is available and the lines are spliced onto the heaving bags.



More Marine

More Marine BV
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Registration nr 28096381

Contact: Jan-Pieter Botman
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Work test certificate DIN EN 10204 2.1

Date: 12-7-2024

Certificate nr: 2024-999

Customer More Marine bv
Waaier 44
2451VW Leimuiden
The Netherlands

Order number 99999

Delivery date 1-5-2024

Description D32 HMPE, 32mm black
1x 50cm

Material Polyester cover + HMPE core
Color Black
Average breakload unspliced 569 kN
Nominal weight -

Splicing will decrease the breaking load of the ropes.

A copy of this work test certificate remains archived at More Marine B.V.

With best regards,

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More Marine

SUPERYACHT

Mooring line inspection schedule

daily or prior to mooring	check	resolve	retire line
Quick visual inspection	X		
Check if chafe pro is in right place	X		
Remove kinks		X	
Rinse out with fresh water		X	
Check eyesplice for integrity	X		X
Monthly			
Thoroughly inspection of entire line	X		
Check if fairleads are still smooth	X		
Remove twists in the line		X	
Check for any abrasion on the cover	X		X
Check for heavy glazing (this indicates melting)	X		X
Check eyesplice for integrity	X		X
Rinse thoroughly with fresh water		X	
Annually			
Thoroughly inspection of entire line	X		
Check if fairleads are still smooth	X		
Remove twists in the line		X	
Check for any abrasion on the cover	X		X
Check for heavy glazing (this indicates melting)	X		X
Check eyesplice for integrity	X		X
Rinse thoroughly with fresh water		X	
Check the age of the line and consider its lifespan	X		X

Safety Instructions:

The load on mooring lines and ropes in general should never exceed 20% of the breaking load.

Breaking strengths of ropes will decrease during their use. The strength might decrease up to 30% every year, depending on circumstances and shock loads.

Mentioned breakloads are excluded any eyesplice. A proper splice has a loss of about 15% of the breaking strength.

Knots in ropes will decrease the breakload by over 50%, so never put a knot in a rope.



Heavy abrasion on cover or core

Most commonly found in fairleads or other high friction areas.

A little fuzzing or abrasion is nothing to worry about. When the cover starts showing obvious wear great caution should be taken as break loads can dramatically drop if the cover breaks.



Cut strands or visible core through the cover

Also very common on high friction areas

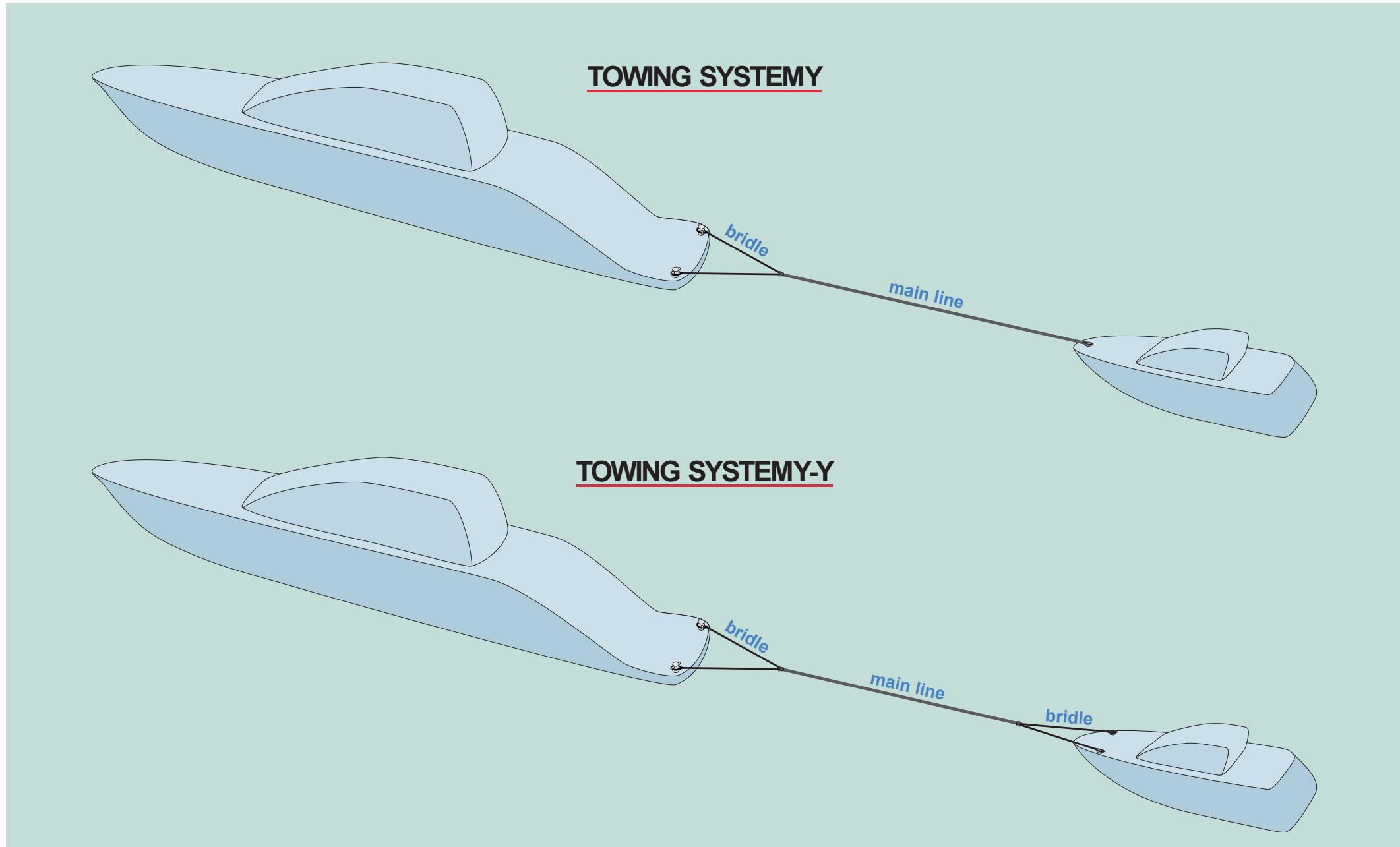
When the cover starts breaking and the core becomes visible polyester and nylon lines lose 50% of their break load. Lines showing this type of damage should be retired immediately.



Broken cover

Hard to miss but not to overlook

When the cover has broken polyester and nylon lines lose 50% of their break load. Lines showing this type of damage should be retired immediately.



TOY LINE

