

## TIMM MASTER 12 SBA

Our new premium mooring rope, Timm Master 12 SBA reduces dangerous snap backs by utilizing the Timm Snap Back Arrestor (SBA) technology. The SBA is an energy absorbing core which sits within the Timm Master 12-strand plaited, mixed polymer rope.



### Product information

The technology behind this innovative solution lies in the energy absorption properties of the SBA core of the rope. If the load bearing construction breaks, the SBA will absorb the snap back forces, resulting in a reduction of snap back. With safety measures like Timm™ Master 12 SBA, you can mitigate risks to personnel during mooring operations, creating a safer mooring environment.

Timm Master 12 SBA is a mixed polymer rope solution, using the same material composition as our best-selling premium Timm Master 8 combined with Timm Snap Back Arrestor for improved safety when mooring.

Timm Master ropes are used by some of the world's largest shipping companies. This is a flexible and easily handled product made from polyolefin yarn and high tenacity polyester, with 18% elongation at break. The colour scheme and layout of the braiding gives an anti-twist visual indicator showing the crew if the rope is twisted. By preventing twist in the rope, you can improve the strength and life span.

Timm Master 12 SBA has very good abrasion resistance, having high tenacity polyester in the outer parts of the strands. The product is buoyant with excellent UV resistance. Having one of the best strength-to-weight ratios on the market, this rope will serve as a light-weight and reliable solution, suitable for all vessel types.

### Features

- 12 strand plaited construction
- Integrated Snap Back Arrestor
- Anti-twist colour indicator
- Tailor-made certificates
- Buoyant

### Benefits

- Reducing snap back if rope breaks
- Class leading strength-to-weight ratio
- Twist indication and possibility of improved life span
- High abrasion and UV resistance
- Type Approved by DNV GL
- Meets all OCIMF MEG4 requirements

## Specification

### General

|                 |                                   |
|-----------------|-----------------------------------|
| <b>Material</b> | 75% Polyolefin / 25% HT Polyester |
|-----------------|-----------------------------------|

### Physical properties

|                                   |   |
|-----------------------------------|---|
| <b>Colour</b>                     | Blue and white anti-twist colour indicators |
| <b>Construction</b>               | 12 strand braided rope with SBA in the core |
| <b>Density [kg/m<sup>3</sup>]</b> | 0,99  |
| <b>Elongation [%]</b>             | 18% at break                                |
| <b>Eyes</b>                       | 1,8m mesh braid protected eyes              |
| <b>Melting point</b>              | 165°C                                       |

### Technical data

|                             |     |
|-----------------------------|-----|
| <b>Water absorption [%]</b> | <1% |
|-----------------------------|-----|

## Ordering information

| Part number | Product Description                 | Diameter [mm] | LDBF [kN] (min) | LDBF [t] (min) | LDBF [kN] (max) | LDBF [t] (max) | Length [m] |
|-------------|-------------------------------------|---------------|-----------------|----------------|-----------------|----------------|------------|
| 411028      | TIMM MASTER 12 SBA F30 [40MM] 220M  | 40            | 256             | 26,1           | 315             | 32,1           | 220        |
| 411032      | TIMM MASTER 12 SBA F35 [45MM] 220M  | 45            | 316             | 32,2           | 397             | 40,5           | 220        |
| 411036      | TIMM MASTER 12 SBA F45 [51MM] 220M  | 51            | 398             | 40,6           | 508             | 51,8           | 220        |
| 411040      | TIMM MASTER 12 SBA F55 [55MM] 220M  | 55            | 509             | 51,9           | 590             | 60,2           | 220        |
| 411044      | TIMM MASTER 12 SBA F60 [57MM] 220M  | 57            | 591             | 60,3           | 632             | 64,4           | 220        |
| 411048      | TIMM MASTER 12 SBA F70 [62MM] 220M  | 62            | 633             | 64,5           | 746             | 76,1           | 220        |
| 411052      | TIMM MASTER 12 SBA F80 [67MM] 220M  | 67            | 747             | 76,2           | 869             | 88,6           | 220        |
| 411056      | TIMM MASTER 12 SBA F100 [73MM] 220M | 73            | 870             | 88,7           | 1028            | 104,8          | 220        |
| 411060      | TIMM MASTER 12 SBA F120 [81MM] 220M | 81            | 1029            | 104,9          | 1261            | 128,6          | 220        |

## Approvals

Timm Master 12 SBA is Type Approved by DNV GL. This product is produced according to ISO 9554:2010 and tested according to ISO 2307:2010. Minimum Breaking Load (MBL) is according to ISO 10556:2009 and verified by DNV GL. Product is tested as according to the OCIMF Mooring Equipment Guideline 4th Edition.

Timm Master 12 SBA is delivered with a tailor-made certificate, following the vessel's needs for certification as recommended by OCIMF MEG4.

[Type Approval - Timm Master](#)

## Documents

[Splicing Manual Timm Master 12 SBA](#)

[Use and Care Timm Master 12 SBA](#)

## Related products

### Variants

**411036** TIMM MASTER 12 SBA F45 (51MM) 220M  
**411048** TIMM MASTER 12 SBA F70 (62MM) 220M  
**411060** TIMM MASTER 12 SBA F120 (81MM) 220M  
**411044** TIMM MASTER 12 SBA F60 (57MM) 220M  
**411032** TIMM MASTER 12 SBA F35 (45MM) 220M

**411040** TIMM MASTER 12 SBA F55 (55MM) 220M  
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**411056** TIMM MASTER 12 SBA F100 (73MM) 220M

### Accessories

TIMM CHAFE GUARD

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