

Product group: **320**    Product number: **410095**

Timm Master 8 is one of the most selling premium mixed polymer ropes. A reliable, flexible, and tough mooring rope suitable for all ship types.



## Product information

Our most recognised product to date, long admired as a premium, mixed polymer rope solution. We have sold Timm Master to over 6,000 vessels worldwide. Our Master ropes are supplying a significant proportion of the world's largest shipping companies. This is a flexible and easily handled product made from our Timm Signal B5 polyolefin yarn and high tenacity polyester and has long been admired as a premium, mixed polymer mooring rope. Master ropes have a low cost of ownership, very good abrasion properties and excellent UV resistance. The product is buoyant (<1% water absorption) and 18% elongation at break.

### Features

- 8-strand plaited construction
- Buoyant
- Low-torque
- UV stabilised

### Benefits

- Class leading strength-to-weight ratio
- High abrasion resistance
- Type approval from DNV GL
- Meets all OCIMF requirements
- Held in global stock inventory

## Specification

## General

Invent Hazard Material (IMO/EU) classification	NA
Material	Mixed polyolefins (B5 yarn) and HT PES
Material type and grade	Mixed polyolefins (B5 yarn) and HT PES

## Dimensions/Weight

Diameter [mm]	64
Length [m]	220

## Performance data

DNVGL	Y
SBA	N
Strength adjustment	10%
Var Range From	100%
Var Range To	105%

## Approvals

Type Approved Product by DNV GL. This product is produced according to ISO 9554 and tested according to ISO 2307. Minimum Breaking Load (MBL) is according to ISO 10556 and verified by DNV GL.

Manufactured acc. to => ISO 9554, ISO 10556  
Tested acc. to => ISO 2307, CI 1500A, DNVGL-CP-0100  
Type Approval No => TAK0000094

## Documents

[Wilhelmsen\\_Use and Care Timm Master 8](#)

[SDoC and MD for IHM](#)

## Related products

## Physical properties

Colour	White with 3 black marking yarns
Construction	8-strand plaited rope
Density [kg/m <sup>3</sup> ]	0.99
Elongation [%]	18% at break
Eyes	1.8m protected eyes (PES)
Jacketed	false
Line Construction	8-strand braided
Line Linear Density (LLD)	2.137 kg/m
Line Tenacity (LT) Maximum	38.41 t/kg/m
Line Tenacity (LT) Maximum (kN/g/m)	0.38 kN/g/m
Line Tenacity (LT) Measured	37.85 t/kg/m
Load Bearing Linear Density (LBD)	2.137 kg/m
Melting point	165°C
NSBF (if requested)	Not requested
Rotating	false
Splice type and design	Tuck (4S-4Z)x5

## Technical data

Angled Break Force (ABF) % Avg NSBF D/d = 10	181.42 (90.71)
Angled Break Force (ABF) % Avg NSBF D/d = 5	173.00 (86.50)
Angled Endurance (AE) % Avg NSBF D/d = 10	78.21
Angled Endurance (AE) % Avg NSBF D/d = 5	75.13
Average Immediate Strain (e) % LDBF:10	1.33
Average Immediate Strain (e) % LDBF:20	2.50
Average Immediate Strain (e) % LDBF:30	3.50
Average Immediate Strain (e) % LDBF:40	4.36
Average Immediate Strain (e) % LDBF:50	5.24
Axial Compression Resistance (ACR)	94.53% Avg NSBF
Line Design Break Force (LDBF)	80.9
Spliced MBL/LDBF [kN]	794
Temperature (T) % BF at 20°C -20C	135/101
Temperature (T) % BF at 20°C 0C	124/103
Temperature (T) % BF at 20°C 20C	100/100
Temperature (T) % BF at 20°C 40C	84/93
Temperature (T) % BF at 20°C 60C	72/89
Temperature (T) % BF at 20°C 80C	57/89
Unspliced MBL [kN]	882
Unspliced MBL [t]	89.9

**Is frequently bought together with**

**779032**

AUTODARK 300 WELDING SHIELD

**410051**

TIMMMASTER 8 40MM220MWHITE 2X1,8MEYE

**410099**

TIMMMASTER 8 68MM220MWHITE 2X1,8MEYE

**411068**

ACERAAMJUNSEN 34MM250MPLATINUM 2X1,8MSUPEREYE

**410167**

TIMMMASTER 8 TAIL 76MM 11MWHITE 2X2,0MEYE

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