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TIMM MASTER 8 72MM 200M WHITE 2X1,8M EYE

Product group: **320** Product number: **411238**



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.

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	Mxed polyolefins (B5 yarn) and HT PES
Material type and grade	Mxed polyolefins (B5 yarn) and HT PES

Dimensions/Weight

Diameter [mm]	72
Length	200
Length [m]	200

Performance data

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

Physical properties

Colour	White with 3 black marking yarns
Construction	8-strand plaited rope
Density	0.99
Density [kg/m ³]	0.99
Elongation [%]	18% at break
Eyes	1.8m protected eyes (PES)
Jacketed	false
Line Construction	8-strand braided
Line Linear Density (LLD)	2.699 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	37.77 t/kg/m
Load Bearing Linear Density (LBLD)	2.699 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)	102
Spliced MBL/LDBF [kN]	1001
Temperature (T) % BF at 20°C -20C	107.6/122
Temperature (T) % BF at 20°C 0C	108.5/122
Temperature (T) % BF at 20°C 20C	100/113
Temperature (T) % BF at 20°C 40C	89.3/111
Temperature (T) % BF at 20°C 60C	77.5/105
Temperature (T) % BF at 20°C 80C	55/101
Unspliced MBL [kN]	1112
Unspliced MBL [t]	113.4
Water absorption [%]	<1%

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

[Timm Master - Use and Care Manual](#)

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