



Standardised
ROPES
available globally

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CONVENTIONAL ROPES

TIMM MASTER 8

General description

Reliable, flexible and tough mooring rope

Features

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

Benefits

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

Technical Data

Construction	8-strand plaited rope
Material	Mixed polymer rope (Polyolefin/HT Polyester)
Eyes	1.8m protected eyes (PES)
Colour	White with 3 black stripes
Melting point	165°C
Specific gravity	Approx. 1
Water absorption	<1%
Elongation	18% at break

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 currently produced in both Europe and Asia, 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.



Timm Master 8

Ordering information

Timm Master 8

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]
410047	TIMM MASTER 8 36MM 220M 256KN	36	220	256	285
410051	TIMM MASTER 8 40MM 220M 315KN	40	220	315	350
410055	TIMM MASTER 8 44MM 220M 380KN	44	220	380	423
410059	TIMM MASTER 8 48MM 220M 451KN	48	220	451	501
410063	TIMM MASTER 8 50MM 220M 489KN	50	220	489	543
410067	TIMM MASTER 8 52MM 220M 528KN	52	220	528	587
410071	TIMM MASTER 8 54MM 150M 569KN	54	150	569	632
410075	TIMM MASTER 8 54MM 220M 569KN	54	220	569	632
410079	TIMM MASTER 8 56MM 220M 611KN	56	220	611	679
410083	TIMM MASTER 8 60MM 220M 699KN	60	220	699	777
410087	TIMM MASTER 8 62MM 150M 746KN	62	150	746	829
410091	TIMM MASTER 8 62MM 220M 746KN	62	220	746	829
410095	TIMM MASTER 8 64MM 220M 794KN	64	220	794	882
410099	TIMM MASTER 8 68MM 220M 894KN	68	220	894	994
410103	TIMM MASTER 8 72MM 150M 1001KN	72	150	1001	1112
410107	TIMM MASTER 8 72MM 220M 1001KN	72	220	1001	1112
410111	TIMM MASTER 8 76MM 220M 1113KN	76	220	1113	1237
410115	TIMM MASTER 8 78MM 220M 1171KN	78	220	1171	1301
410119	TIMM MASTER 8 80MM 220M 1231KN	80	220	1231	1368

Approvals

Type Approved Product 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.

TIMM MASTER 12

General description

Reliable, flexible and tough mooring rope

Features

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

Benefits

- Excellent strength-to-weight ratio
- High abrasion resistance
- Type approval from DNV GL
- Meets all OCIMF requirements

Technical Data

Construction	12-strand plaited rope
Material	Mixed polymer rope (Polyolefin/HT Polyester)
Eyes	1.8m protected eyes (PES)
Colour	White with 3 black stripes
Melting point	165°C
Specific gravity	Approx. 1.0
Water absorption	<1%
Elongation	18% at break

Our most recognised product to date, long admired as a premium, mixed polymer rope solution. Our Master ropes are currently produced in both Europe and Asia, 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% absorption) and 18% elongation at break.



Timm Master

Ordering information

Timm Master 12

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]
410035	TIMM MASTER 12 48MM 220M 451KN	48	220	451	501
410039	TIMM MASTER 12 60MM 200M 699KN	60	200	699	777
410043	TIMM MASTER 12 60MM 220M 699KN	60	220	699	777

Approvals

Type Approved Product 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.

TIMM SIGNAL 12

General description

Very durable polyolefin mooring rope

Features

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

Benefits

- Lightweight
- High strength-to-weight ratio
- High elongation
- High abrasion resistance
- Excellent grip
- Type approval from DNV GL
- Meets all OCIMF requirements

Technical Data

Construction	12-strand plaited rope
Material	Mixed polyolefin rope (Timm Signal B5 polyolefin fiber)
Eyes	1.8m protected eyes (PES)
Colour	Blue with 3 black stripes
Melting point	165°
Specific gravity	Approx. 0.92
Water absorption	0 %
Elongation	18 % at break

This mixed polyolefin rope offers a cost efficient solution for the cruise industry. We have sold this product worldwide for some considerable time, due to the high strength, easy handling and buoyant nature of the product. Timm Signal 12 is available in a 12-strand, blue plaited design - made from Timm B5 yarn, from a special mix of HT polyolefin fibers. The rope is well balanced, with 6 left and 6 right strands. It has been UV stabilised and unlike Timm Master will not absorb when submerged. This product has type approval from DNV GL and meets all product requirements from OCIMF.

It is primarily stocked to service the cruise industry.



Timm Signal 12

Ordering information

Timm Signal 12

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]	Colour
410003	TIMM SIGNAL 12 72MM 170M 824KN	72	170	824	915	Blue
410007	TIMM SIGNAL 12 72MM 185M 824KN	72	185	824	915	Blue
410011	TIMM SIGNAL 12 72MM 220M 824KN	72	220	824	915	Blue
410015	TIMM SIGNAL 12 80MM 185M 1009KN	80	185	1009	1121	Blue

Approvals

Type Approved Product 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.



ADVANCED ROPES

TIMM GOLD WINCHLINE

General description

12-strand floating rope with cover

Features

- Buoyant
- No rotation under load
- UV protected
- Compact construction

Benefits

- Resistant to external damage and particle ingress
- High abrasion resistance
- Ease of handling
- High construction stability
- Maintains shape even under extreme tension
- Meets all OCIMF requirements

Technical Specification

Construction	Multi-strand core with braided jacket
Specific gravity	Approx. 0.99
Elongation	18% at break
Melting point	165°C
Water absorption	< 1%
Colour	White with 3 gold stripes

Timm Gold Winchline is constructed with a 12-strand core of B5 polyolefin yarn, and a tight 24 braided cover of HT polyester providing superior abrasion resistance and reducing snap-back. 12-strand ropes are regarded as the best rope construction, and has become the most common construction for high performance ropes. The rope is well balanced, with 6 left and 6 right strands. Timm Gold Winchline has a well balanced and compact construction retaining its firm, round shape during use. It runs very smoothly on winches with minimal compression and prevents digging into below layers. This rope is suitable for multi-drum winching and applications with bits and capstans. Timm Gold Winchline can be used on board all vessel, particularly Ro-Ro and cruise vessels.



Timm Gold Winchline

Ordering information

Timm Gold Winchline

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]
410660	TIMM GOLD WINCHLINE 60MM 200M 580KN	60	200	580	644
410399	TIMM GOLD WINCHLINE 60MM 220M 580KN	60	220	580	644
410652	TIMM GOLD WINCHLINE 64MM 200M 657KN	64	200	657	730
410403	TIMM GOLD WINCHLINE 64MM 220M 657KN	64	220	657	730
410407	TIMM GOLD WINCHLINE 68MM 200M 738KN	68	200	738	820
410411	TIMM GOLD WINCHLINE 68MM 220M 738KN	68	220	738	820
410656	TIMM GOLD WINCHLINE 72MM 200M 824KN	72	200	824	915

Approvals

This product is produced according to ISO 9554:2010 and ISO 10572:2009, and tested according to ISO 2307:2010.

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TIMM FLEX DOUBLEBRAIDED

General description

Double braided nylon mooring rope

Features

- Construction: 12-strand core with 24-braided cover
- Does not float
- High elongation (30-35% at break)
- Cover provides UV protection
- White colour
- Standard: 220m with 2x1,8m eyes (PES protected)

Benefits

- Resistance to external damage and particle ingress
- High abrasion and UV resistance
- Suitable for exposed berths
- High strength
- Excellent shock absorbing properties

Timm Flex double braided rope is a high strength nylon mooring rope with 12-strand core and 24-braided cover. This rope is especially suitable for exposed berths. The white cover provides good UV protection. Timm Flex mooring rope has high elongation with excellent shock absorbing properties.



TIMM FLEX DOUBLEBRAIDED

Ordering information

Timm Flex Doublebraided

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]
410548	TIMM FLEX DOUBLEBRAIDED 64MM 200M 981KN	64	200	850	944



HIGH PERFORMANCE ROPES

ACERA AMUNDSEN

General description

12-strand HMPE rope

Features

- 12-strand plaited construction
- Marine single yarn coating
- Plain ends or spliced eyes
- 7 times lighter than steel and 60% lighter than conventional fiber rope

Benefits

- Easy to handle
- Easy to splice
- Easy to inspect
- Stronger and safer than steel, with less snap-back
- High construction stability and well balanced; 6 left and 6 right strands
- Outsized surface contact - better abrasion resistance
- No rotation under load
- Enhanced abrasion resistance

Technical Data

Construction	12-strand plaited
Fiber	Acera HMPE
Specific Gravity	0.97 (floating)
Oil Content in Fiber	<0.1%
Water Resistance	0% absorption
Heat Resistance	Melting point at 145°C - 150°C
Elongation	2-3% at break

Acera Amundsen is a DNV GL type approved 12-strand high performance rope made from genuine Acera HMPE yarns, which is individually coated through a rotating 360° Lick-roller process. This cumbersome single yarn coating process demonstrates the uncompromising commitment to the quality standards of Acera. Single yarn coating is proven to significantly enhance internal and external abrasion resistance, and extend service life and strength. 12 strand ropes are regarded as the best rope construction, and has become the most common construction for HMPE ropes. Acera Amundsen is the alternative to the cumbersome steel wire ropes. It is stronger and safer, with significantly less snap-back. The corresponding weight is therefore 7 times lower. When replacing conventional fiber ropes, the reduction in diameter leads



ACERA AMUNDSEN

to significant savings in weight (60%), space and handling. This reduces the total time required for mooring operations and fuel consumption.

Ordering information

Acera Amundsen

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]	Colour
410564	ACERA AMUNDSEN 22MM 180M 405KN	22	180	405	450	Platinum
410612	ACERA AMUNDSEN 22MM 200M 405KN	22	200	405	450	Platinum
410263	ACERA AMUNDSEN 22MM 220M 405KN	22	220	405	450	Platinum
410568	ACERA AMUNDSEN 24MM 180M 468KN	24	180	468	520	Platinum
410347	ACERA AMUNDSEN 24MM 190M 468KN	24	190	468	520	Platinum
410616	ACERA AMUNDSEN 24MM 200M 468KN	24	200	468	520	Platinum
410267	ACERA AMUNDSEN 24MM 220M 468KN	24	220	468	520	Platinum
410572	ACERA AMUNDSEN 28MM 180M 612KN	28	180	612	680	Platinum
410315	ACERA AMUNDSEN 28MM 200M 612KN	28	200	612	680	Platinum
410271	ACERA AMUNDSEN 28MM 220M 612KN	28	220	612	680	Platinum
410576	ACERA AMUNDSEN 30MM 180M 693KN	30	180	693	770	Platinum
410620	ACERA AMUNDSEN 30MM 200M 693KN	30	200	693	770	Platinum
410275	ACERA AMUNDSEN 30MM 220M 693KN	30	220	693	770	Platinum
410580	ACERA AMUNDSEN 32MM 180M 783KN	32	180	783	870	Platinum
410624	ACERA AMUNDSEN 32MM 200M 783KN	32	200	783	870	Platinum
410283	ACERA AMUNDSEN 32MM 220M 783KN	32	220	783	870	Platinum
410351	ACERA AMUNDSEN 32MM 300M 783KN	32	300	783	870	Platinum
410584	ACERA AMUNDSEN 34MM 180M 864KN	34	180	864	960	Platinum
410628	ACERA AMUNDSEN 34MM 200M 864KN	34	200	864	960	Platinum
410287	ACERA AMUNDSEN 34MM 220M 864KN	34	220	864	960	Platinum

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]	Colour
410588	ACERA AMUNDSEN 36MM 180M 936KN	36	180	936	1040	Platinum
410632	ACERA AMUNDSEN 36MM 200M 936KN	36	200	936	1040	Platinum
410291	ACERA AMUNDSEN 36MM 220M 936KN	36	220	936	1040	Platinum
410592	ACERA AMUNDSEN 38MM 180M1044KN	38	180	1044	1160	Platinum
410634	ACERA AMUNDSEN 38MM 200M 1044KN	38	200	1044	1160	Platinum
410295	ACERA AMUNDSEN 38MM 220M 1044KN	38	220	1044	1160	Platinum
410331	ACERA AMUNDSEN 40MM 125M 1134KN	40	125	1134	1260	Platinum
410319	ACERA AMUNDSEN 40MM 165M 1134KN	40	165	1134	1260	Platinum
410596	ACERA AMUNDSEN 40MM 180M 1134KN	40	180	1134	1260	Platinum
410323	ACERA AMUNDSEN 40MM 205M 1134KN	40	205	1134	1260	Platinum
410299	ACERA AMUNDSEN 40MM 220M 1134KN	40	220	1134	1260	Platinum
410640	ACERA AMUNDSEN 40MM 275M 1134KN	40	275	1134	1260	Platinum
410600	ACERA AMUNDSEN 42MM 180M 1209KN	42	180	1209	1343	Platinum
410327	ACERA AMUNDSEN 42MM 205M 1209KN	42	205	1209	1343	Platinum
410303	ACERA AMUNDSEN 42MM 220M 1209KN	42	220	1209	1343	Platinum
410604	ACERA AMUNDSEN 44MM 180M 1314KN	44	180	1314	1460	Platinum
410335	ACERA AMUNDSEN 44MM 190M 1314KN	44	190	1314	1460	Blue
410339	ACERA AMUNDSEN 44MM 200M 1314KN	44	200	1314	1460	Blue
410307	ACERA AMUNDSEN 44MM 220M 1314KN	44	220	1314	1460	Platinum
410644	ACERA AMUNDSEN 44MM 275M 1314KN	44	275	1314	1460	Platinum
410343	ACERA AMUNDSEN 46MM 195M 1422KN	46	195	1422	1580	Blue
410608	ACERA AMUNDSEN 48MM 189M 1530KN	48	180	1530	1700	Platinum
410636	ACERA AMUNDSEN 48MM 200M 1530KN	48	200	1530	1700	Platinum

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]	Colour
410311	ACERA AMUNDSEN 48MM 220M 1530KN	48	220	1530	1700	Platinum

Approvals

Type Approved Product 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 10325:2009 and verified by DNV GL.

ACERA DAGAMA

General description

12-strand HMPE rope with cover

Features

- 12-strand plaited HMPE rope, with 24 braided cover
- Buoyant
- Single yarn coating
- Biologically inert, with solvent-free strand coating
- Customisable towards different applications

Benefits

- Resistant to external damage and particle ingress
- High abrasion resistance
- High construction stability
- No rotation under load
- Ease of handling
- Low elongation and 0% water absorption

Technical Data

Construction	12-strand plaited core, 24-strand braided cover
Fiber	Acera HMPE core, PES cover
Specific Gravity	0.973 (floating)
Oil Content in Fiber	<0.1%
Water Resistance	0% absorption
Melting Point	145-150°C
Elongation	2-3% at break

The Acera daGama construction offers a tough HMPE rope solution, with full cover braid protection. This biologically inert product offers protection to the 12-strand HMPE core, with a tight 24 braided PES cover braid layer – bonded together using an exclusive adhesive coating. Every yarn, both in the core and the cover are individually coated through our unique, rotating 360° Lick-roller process. Single yarn coating extends service life, strength and internal / external abrasion resistance. This floating product is ideally suited to single drum winching. This is an adaptable product, which can be customised to suit your intended application.



ACERA DAGAMA

Ordering information

Acera daGama

Product Number	Product name	Actual Diameter (core & cover) [mm]	Nominal Diameter (core) [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]
410415	ACERA DAGAMA 24MM 220M 342KN	24	20	220	342	380
410419	ACERA DAGAMA 26MM 220M 405KN	26	22	220	405	450
410423	ACERA DAGAMA 30MM 220M 468KN	30	24	220	468	520
410427	ACERA DAGAMA 34MM 220M 612KN	34	28	220	612	680
410431	ACERA DAGAMA 36MM 220M 693KN	36	30	220	693	770
410435	ACERA DAGAMA 38MM 220M 783KN	38	32	220	783	870
410439	ACERA DAGAMA 42MM 220M 936KN	42	36	220	936	1040
410443	ACERA DAGAMA 44MM 220M 1044KN	44	38	220	1044	1160
410447	ACERA DAGAMA 46MM 220M 1134KN	46	40	220	1134	1260
410459	ACERA DAGAMA 46MM 275M 1134KN	46	40	275	1134	1260
410451	ACERA DAGAMA 48MM 220M 1209KN	48	42	220	1209	1343
410455	ACERA DAGAMA 52MM 220M 1530KN	52	46	220	1530	1700

Approvals

This product is produced according to ISO 9554:2010 and tested according to ISO 2307:2010. Minimum Breaking Load (MBL) is according to ISO 10325:2009.

ACERA SCOTT

General description

8-cover strand HMPE rope

Features

- Better elongation than conventional HMPE rope construction
- Prevents the core and cover from moving independently
- High strength-to-weight ratio

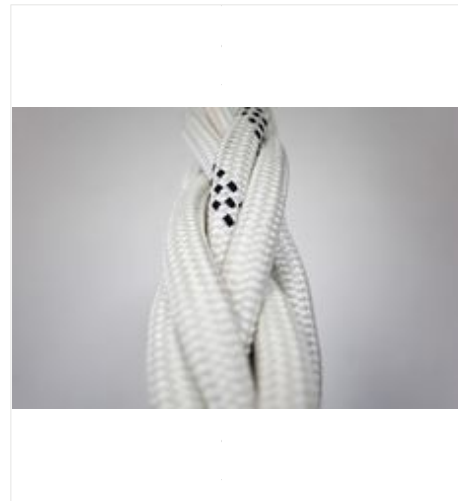
Benefits

- Increased safety, snap-back/ recoil arrestors
- Excellent abrasion resistance
- Reduced external damage and particle ingress
- Easy to splice and repair
- Easy to inspect
- Extremely good on winches, bits and capstans

Technical Data

Construction	8-strand - individually braided covers
Fiber	Acera HMPE - optional PES cover
Specific Gravity	0.973 (floating)
Oil Content in Fiber	<0.1%
Water Resistance	0% absorption
Melting Point	145-150°C
Elongation	2-3% at break

A heavy duty rope made to withstand rugged conditions. Acera™ Scott is constructed from 8-strand square plait (4x2), with a core of Acera™ yarns with less twist and 24 braided covers protecting each individual strand from wear and abrasion. This special construction provides significantly increased safety properties, as the covers act as snap-back/recoil arrestors. In combination with the low elongation on HMPE fibers, there is minimal risk of potentially damaging backlash if a mooring line breaks. Acera™ Scott is made from Acera™ genuine HMPE yarns, which are individually coated through a rotating 360° Lick-roller process. This cumbersome single yarn coating process demonstrates the uncompromising commitment to the quality standards of Acera™. Single yarn coating is proven to significantly enhance internal and external abrasion resistance, and extend service life and strength. Optional HT polyester cover available. Acera™ Scott has genuine safety properties and abrasion resistance in addition to the standard Acera™ benefits: lightweight, ultra strong and



Acera Scott

competitive pricing .

The availability of polyester covers, extra high diameters and long lengths, make the ropes an attractive choice for several applications: Mooring, towing and lifting.

Ordering information

Acera Scott

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]
410648	ACERA SCOTT 40MM 140M 1130KN	40	140	1130	1260

Approvals

This product is produced according to ISO 9554:2010 and tested according to ISO 2307:2010. Minimum Breaking Load (MBL) is according to ISO 10325:2009 .

ACERA LITE

General description

12-strand HMPE composite rope.

Features

- 12-strand plaited construction
- Marine single yarn coating
- Plain ends or spliced eyes
- High strength-to-weight ratio

Benefits

- Price competitive
- Easy to handle
- Easy to splice
- Easy to inspect
- Stronger and safer than steel, with less snap-back
- High construction stability and well balanced; 6 left and 6 right strands
- Outsized surface contact - better abrasion resistance
- No rotation under load
- Enhanced abrasion resistance

Technical Data

Construction	12-strand plaited
Fiber	Acera HMPE composite
Specific Gravity	0.95 (floating)
Oil Content in Fiber	<0.1%
Water Resistance	0.1% absorption
Melting point	145-150°C
Elongation	2-3% at break

Acera Lite reduces the gap between the ultra light and expensive high performance ropes and inexpensive ropes made from 100% traditional fibers or steel.

This rope is constructed from the DNV GL type approved 12-strand Acera Amundsen HMPE rope, with additional lightweight polyolefin fibers. Acera Lite is significantly stronger than polyester and nylon ropes, with better abrasion resistance and is 70 - 75% lighter than nylon ropes of the equivalent strength. Every yarn is individually coated through a rotating 360° Lick-roller process. This cumbersome single yarn coating process demonstrates the uncompromising commitment to the quality standards of Acera. Single yarn coating is proven to significantly enhance internal and external abrasion resistance, and extend service life and strength.



Acera Lite

12-strand ropes are regarded as the best rope construction, which has become the most common construction for high performance ropes. When replacing conventional fiber ropes, the reduction in diameter leads to significant savings in weight, space and handling. This reduces the total time required for mooring operations and fuel consumption. The lightweight, strong Acera Lite is available at a market competitive price, lowering the initial price gap between high performance fiber ropes and wire ropes.

Ordering information

Acera Lite

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	MBL Unspliced [kN]	Colour
410355	ACERA LITE 48MM 195M 1148KN	48	195	1148	1275	Blue

Approvals

This product is produced according to ISO 9554:2010 and tested according to ISO 2307:2010. Minimum Breaking Load (MBL) is according to ISO 10325:2009.



STEEL WIRE ROPES

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STEEL WIRE MOORING ROPE

General description

Steel wire mooring rope with independent wire core

Features

- Galvanised Warrington Seale
- Independent wire core
- 6x36 wire classification
- Mechanised spliced soft eye (2 x 1.8m)
- High flexibility
- Tensile strength 1960N/mm²

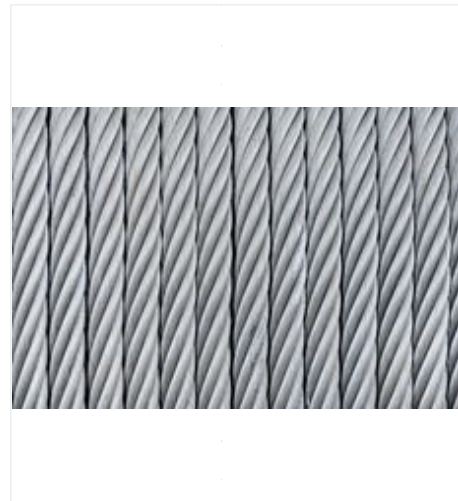
Benefits

- Greater strength and stability than equivalent fiber core (FC) products
- Superior breaking load compared to 6x19 constructions
- Low bending fatigue / longer service life
- Resistant to drum crushing
- Larger diameter wires in the outer core provide additional resistance to abrasion and corrosive environments

Offering the most sought after type of steel wire mooring ropes are customers are looking for. 6x36 classified Warrington Seale wires, which are galvanised and have an independent wire rope core.

These wires have two mechanically spliced soft eyes of 1.8m and offer a tensile strength of 1960N/mm².

This construction type offers flexibility, with a low bending fatigue and greater stability than equivalent fiber core products.



STEEL WIRE MOORING ROPE

Ordering information

Steel Wire Rope

Product Number	Product name
410463	STEEL WIRE 6X36WS+IWRC 28MM 220M
410467	STEEL WIRE 6X36WS+IWRC 30MM 220M
410471	STEEL WIRE 6X36WS+IWRC 32MM 220M
410475	STEEL WIRE 6X36WS+IWRC 34MM 220M
410479	STEEL WIRE 6X36WS+IWRC 36MM 220M
410483	STEEL WIRE 6X36WS+IWRC 38MM 220M
410487	STEEL WIRE 6X36WS+IWRC 40MM 220M
410507	STEEL WIRE 6X36WS+IWRC 40MM 305M

Product Number	Product name
410491	STEEL WIRE 6X36WS+IWRC 42MM 220M
410503	STEEL WIRE 6X36WS+IWRC 42MM 275M
410495	STEEL WIRE 6X36WS+IWRC 44MM 220M
410499	STEEL WIRE 6X36WS+IWRC 44MM 275M
410511	STEEL WIRE 6X36WS+IWRC 44MM 281M



ROPE STRETCHERS

TIMM MASTER 8 TAIL

General description

8-strand floating B5 polyolefin/PES mooring tail

Features

- Protected eyes
- Buoyant
- High elongation

Benefits

- 15-20% lighter than PES and nylon tails
- Excellent abrasion and UV resistance
- Smooth and gripable surface
- Meets all OCIMF requirements

Technical Data

Construction	8-strand plaited
Material	Timm Signal B5 polyolefin, mixed with HT Polyester
Colour	White, with 3 black identification stripes
Melting point	165°C
Specific gravity	Approx. 0,99
Water resistance	<1% absorption



Timm Master 8 Tail

Our best selling mooring tail made from the Timm Master rope design, sold to over 6 000 vessels. Made of HT polyester and B5 polyolefin yarns which effectively absorb shock/energy in mooring systems. Typically used with steel wire and HMPE ropes. Compared to nylon stretchers, this product remains elastic for a longer period. It performs better in wet conditions, providing equal breaking strength under wet and dry conditions.

Ordering information

Timm Master 8 Tail

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]
410127	TIMM MASTER 8 TAIL 56MM 11M 611KN	56	11	611
410135	TIMM MASTER 8 TAIL 60MM 11M 699KN	60	11	699
410139	TIMM MASTER 8 TAIL 64MM 11M 794KN	64	11	794
410147	TIMM MASTER 8 TAIL 68MM 11M 894KN	68	11	894
410155	TIMM MASTER 8 TAIL 72MM 7M 1001KN	72	7	1001

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]
410159	TIMM MASTER 8 TAIL 72MM 11M 1001KN	72	11	1001
410167	TIMM MASTER 8 TAIL 76MM 11M 1113KN	76	11	1113
410175	TIMM MASTER 8 TAIL 80MM 11M 1231KN	80	11	1231
410183	TIMM MASTER 8 TAIL 84MM 11M 1355KN	84	11	1355
410187	TIMM MASTER 8 TAIL 88MM 11M 1485KN	88	11	1485
410544	TIMM MASTER 8 TAIL 88M 18M 1485KN	88	18	1485
410191	TIMM MASTER 8 TAIL 88MM 22M 1485KN	88	22	1485

Approvals

Type Approved Product 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.

TIMM MASTER 8 RING

General description

8-strand floating mooring ringtail.

Features

- Suitable for all steel wire and HMPE mooring solutions
- Buoyant
- 60% stronger than single leg slings
- 20% lower diameter than single leg slings
- Protected eyes
- Heavy duty tackle securing the eye protections

Benefits

- High elongation
- Excellent abrasion and UV resistance
- Smooth and gripable surface
- Meets all OCIMF requirements

Technical Data

Construction	8-strand plaited
Material	Timm Signal B5 polyolefin mixed with HT Polyester
Colour	White with 3 black tracers
Melting point	165°C
Specific gravity	Approx. 0.99
Water resistance	<1% absorption

This ringtail/endless sling is on average 60% stronger than single leg mooring slings made from same rope design. Made of HT polyester and B5 polyolefin yarns which effectively absorb shock/energy in mooring systems. Typically used with steel wire and HMPE ropes. Compared to nylon stretchers, this product remains elastic for a longer period. It performs better in wet conditions, providing equal breaking strength under wet and dry conditions.



TIMM MASTER 8 RING

Ordering information

Timm Master 8 Ring

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]
410123	TIMM MASTER 8 RING 54MM 11M 1011KN	54	11	1011
410131	TIMM MASTER 8 RING 56MM 11M 1086KN	56	11	1086
410540	TIMM MASTER 8 RING 60MM 11M 1244KN	60	11	1244

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]
410143	TIMM MASTER 8 RING 64MM 11M 1412KN	64	11	1412
410151	TIMM MASTER 8 RING 68MM 11M 1590KN	68	11	1590
410163	TIMM MASTER 8 RING 72MM 11M 1779KN	72	11	1779
410171	TIMM MASTER 8 RING 76MM 11M 1979KN	76	11	1979
410179	TIMM MASTER 8 RING 80MM 11M 2188KN	80	11	2188

Approvals

Type Approved Product 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.

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TIMM SIGNAL 12 RING

General description

12-strand lightweight ringtail for cruise vessels

Features

- 12-strand plaited
- UV resistant
- Lightweight

Benefits

- High elongation
- High abrasion resistance
- High strength-to-weight ratio
- Excellent grip
- High construction stability
- Type approval from DNV GL
- Meets all OCIMF recommendations

Technical Data

Construction	12-strand plaited
Material	Timm Signal B5 polyolefin
Colour	Blue
Melting point	165°C
Specific gravity	Approx. 0.92
Water resistance	0% absorption

Many rope experts have concluded that the 12-strand construction is the overall best rope design, providing a safer, more efficient mooring tail with higher residual strength compared to parallel-core type constructions. The 12-strand Timm Signal Ringtail is made of Timm B5 yarn, from a special mix of HT polyolefin fibers.

This product provides shock/energy absorbing within the mooring system. The high elongation in the ringtails act as an effective shock absorber during swell conditions. Timm Signal Ring does not absorb water when submerged, hence remains well balanced, lightweight and gripable.

We have engineered a hidden splice in these ringtails, which contributes to a more slender design.



TIMM SIGNAL 12 RING

Ordering information

TIMM SIGNAL 12 RING

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]	Colour
410023	TIMM SIGNAL 12 RING 64MM 11M 1313KN	64	11	1313	Blue
410019	TIMM SIGNAL 12 RING 70MM 11M 1404KN	70	11	1404	Blue
410027	TIMM SIGNAL 12 RING 76MM 11M 1828KN	76	11	1828	Blue
410031	TIMM SIGNAL 12 RING 78MM 11M 1921KN	78	11	1921	Blue

Approvals

Type Approved Product 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.

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TIMM FLEX 8 TAIL

General description

8-strand Tanker Tail

Features

- Very high elongation
- 100% high tenacity PA fiber
- Suitable for challenging sea terminal conditions
- Protected eyes

Benefits

- Smooth handling surface
- Excellent abrasion resistance
- Excellent UV resistance

Technical Specification

Construction 8-strand plaited

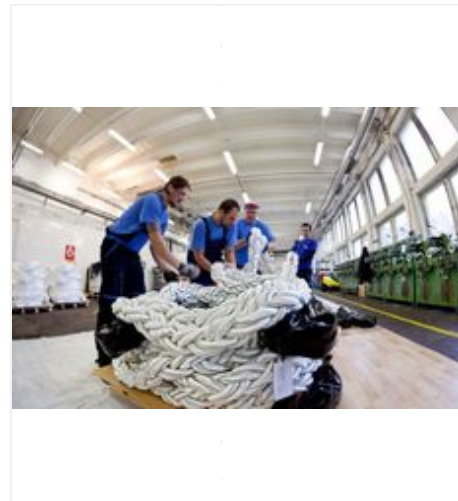
Fiber Polyamide

Specific gravity Approx. 1.14

Melting point 250°C

Elongation 40% at break

Colour White



TIMM FLEX 8 TAIL

Our specially designed mooring tails (pendants) are made to withstand tough swells, strong winds and currents. Timm Flex Tails have very high elongation properties, making them ideal for mooring in the most challenging of sea terminals.

Mooring tails are used to protect the mooring lines and to allow ships to sway and move with the environment.

Our flex tails have a high abrasion and UV resistance - providing a durable mooringsolution and acting as an absorber for sudden energy changes.

OCIMF recommends 22m polyamide tails as an exposed berth standard - for longer wave environments.

Ordering information

Timm Flex Mooring Tail

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]
410515	TIMM FLEX 8 TAIL 68MM 11M 954KN	68	11	1100
410519	TIMM FLEX 8 TAIL 76MM 11M 1177KN	76	11	1357
410523	TIMM FLEX 8 TAIL 80MM 11M 1296KN	80	11	1496

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]
410543	TIMM FLEX 8 TAIL 92MM 11M 1688KN	92	11	1948

Approvals

Product is made according to ISO 1140:2012. Tested breaking load is according to ISO 2307:2010 and is measured without eye splices.

TIMM FLEX 8 RING

General description

8-strand Tanker Ringtail

Features

- Very high elongation
- 100% high tenacity PA fiber
- Protected eyes

Benefits

- Excellent abrasion resistance
- Excellent UV resistance
- Smooth handling surface
- Suitable for challenging sea terminal conditions

Technical Specification

Construction 8-strand plaited

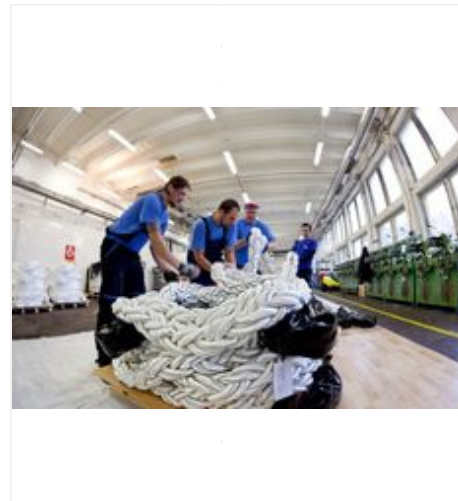
Fiber Polyamide

Specific gravity Approx. 1.14

Melting point 250°C

Elongation 40% at break

Colour White



TIMM FLEX 8 RING

Our specially designed mooring ringtails (pendants) are made to withstand tough swells, strong winds and currents. Timm Flex Ringtails have very high elongation properties, making them ideal for mooring in the most challenging of sea terminals. These ringtails are manufactured using our 8-strand braider, Viking 2. Mooring tails are used to protect the mooring lines and to allow ships to sway and move with the environment. Our flex ringtails have a high abrasion and UV resistance - providing a durable mooring solution and acting as an absorber for sudden energy changes. OCIMF recommends 22m polyamide tails as an exposed berth standard - for longer wave environments.

Ordering information

Timm Flex 8 Ring

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]
410531	TIMM FLEX 8 RING 80MM 11M 2305KN	80	11	2305
410527	TIMM FLEX 8 RING 80MM 22M 2305KN	80	22	2305
410539	TIMM FLEX 8 RING 84MM 11M 2527KN	84	11	2527

Product Number	Product name	Diameter [mm]	Length [m]	MBL Spliced [kN]
410535	TIMM FLEX 8 RING 84MM 22M 2527KN	84	22	2527
410560	TIMM FLEX 8 RING 88MM 18M 2759KN	88	18	3183

Approvals

Product is made according to ISO 1140:2012. Tested breaking load is according to ISO 2307:2010 and is measured without eye splices.



ROPE PROTECTION

TIMM CHAFE GUARD

General description

PES high tenacity rope protection

Features

- Suitable for all rope types, except steel wire
- 100% high tenacity PES
- Customised sizes
- High melting point (260°C)

Benefits

- Easy to install
- Eye-catching
- Rot-proof
- Lightweight, with a smooth surface
- Excellent UV and heat resistance

Technical Specification

Construction	Solid plain weaved canvas
Method of attachment	Durable velcro lining with 1m fixing lines at each end and stiff eye grips
Fiber	Polyethersulfone
Specific gravity	1.38
Coating	PU based Marine Coating
Water resistance	0.3% absorption
Melting point	260°C

The distinctive red chafe guards of Timm have been protecting rope assets since 2012. These high tenacity guards are suitable for all rope types (except steel wire). OCIMF states that a rope's ability to "resist external abrasion damage may be improved by the addition of an abrasion resistant overall jacket". It will also "serve to protect from UV exposure".

These can be easily installed and can provide an instant defensive barrier against sharp surfaces and edges. The heat resistant properties of PES, will also shield your rope from excessive frictional heat build-up.

Poorly maintained fairleads and chocks can also severely harm the service life of your mooring lines. Timm would suggest in such circumstances, applying a chafe guard to reduce destructive cutting.

The Timm Chafe Guard is highly resistant to mineral acids, alkali, electrolytes, oxidising agents and remains stable in aqueous acids



Timm Chafe Guard with Acera Amundsen

and non-polar solvents. They are cold and frost resistant (rot-proof) and are easily fixed into place with 1m lines at each end and an extra durable velcro lining.

Ordering information

Timm Chafe Guard

Product Number	Product name	Size [mm]	Colour	Length [m]
410195	TIMM CHAFE GUARD 20-28MM 3M RED	20-28	Red	3.0
410199	TIMM CHAFE GUARD 30-48 3M RED	30-48	Red	3.0
410211	TIMM CHAFE GUARD 40-50MM 3M BLUE	40-50	Blue	3.0
410215	TIMM CHAFE GUARD 40-50MM 3M RED	40-50	Red	3.0
410203	TIMM CHAFE GUARD 50-60MM 3M RED	50-60	Red	3.0
410207	TIMM CHAFE GUARD 62-80MM 3M RED	62-80	Red	3.0



ROPE ACCESSORIES

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TIMM BOSS LINK

General description

Stainless steel connection for mooring solutions

Features

- Range of tonne capacities
- Anti-corrosive Stainless Steel
- Suitable for connecting steel wires and HMPE ropes to fiber mooring tails
- Can be delivered with or without roller

Benefits

- Strong
- Durable
- Recommended by OCIMF
- DNV GL type approval

This indispensable steel connection solution allows steel wire ropes or HMPE fiber ropes to work in tandem with fiber mooring tails.

It is made from high quality stainless steel and is marked with MBL, SWL and serial number.

It is a highly functional product, which is easy to attach. It can be supplied as a standard Boss Link with steel bolt or with an optional steel roller.

Timm Boss Link meets the requirements of OCIMF and has type approval from DNV GL. This product can be supplied in 5 different load capacities.



Timm Boss Link with Roller

Ordering information

Timm Boss Link

Product Number	Product name	MBL [T]	Unit	Country of origin
410219	TIMM BOSS LINK SHACKLE 120 T	120	PCS	NO
410251	TIMM BOSS LINK SHACKLE 140 T	140	PCS	NO
410239	TIMM BOSS LINK SHACKLE 165 T	165	PCS	NO
410243	TIMM BOSS LINK SHACKLE 180 T	180	PCS	NO
410223	TIMM BOSS LINK SHACKLE 250 T	250	PCS	NO

Accessories

Timm Boss Link Accessories

Product Number	Product name	MBL [T]	Unit	Country of origin
410227	TIMM BOSS LINK ROLLER 120 T	120	PCS	NO
410255	TIMM BOSS LINK ROLLER 140 T	140	PCS	NO
410231	TIMM BOSS LINK ROLLER 165 T	165	PCS	NO
410247	TIMM BOSS LINK ROLLER 180 T	180	PCS	NO
410259	TIMM BOSS LINK ROLLER 250 T	250	PCS	NO
410235	TIMM BOSS LINK SPANNER 165 T	165	PCS	NO

Approvals

Product is batch tested and certified by DNV GL, with DNV GL type approval certificate.

Directions for use

Weights

Product Number	Product name	Weight [kg]	Weight w/roller [kg]
410219	TIMM BOSS LINK SHACKLE 120 T	11,6	15,8
410251	TIMM BOSS LINK SHACKLE 140 T	11,6	15,4
410239	TIMM BOSS LINK SHACKLE 165 T	19,6	24,8
410243	TIMM BOSS LINK SHACKLE 180 T	19,6	24,8
410223	TIMM BOSS LINK SHACKLE 250 T	19,6	24,8

Dimensions

Dimensions of intersections from illustration

Product Number	Product name	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]
410219	TIMM BOSS LINK SHACKLE 120 T	134	283	127	100	64	134	32
410251	TIMM BOSS LINK SHACKLE 140 T	134	283	127	100	64	134	32
410239	TIMM BOSS LINK SHACKLE 165 T	150	325	165	120	75	150	34
410243	TIMM BOSS LINK SHACKLE 180 T	150	325	165	120	75	150	34
410223	TIMM BOSS LINK SHACKLE 250 T	150	325	165	120	75	150	34

Roller Dimensions

Dimensions of intersections from illustration

Product Number	Product name	F2 [mm]
410227	TIMM BOSS LINK ROLLER 120 T	124
410255	TIMM BOSS LINK ROLLER 140 T	124

Product Number	Product name	F2 [mm]
410231	TIMM BOSS LINK ROLLER 165 T	138
410247	TIMM BOSS LINK ROLLER 180 T	138
410259	TIMM BOSS LINK ROLLER 250 T	138

Documentation

Product documentation

Type	Document	Size
Bolt-for-Timm-Boss-Link-Ax64.pdf	PDF	91 KB
Bolt-for-Timm-Boss-Link-Ax75.pdf	PDF	98 KB
Timm-Boss-Link-120T-assembly.pdf	PDF	204 KB
Timm-Boss-Link-140T-assembly.pdf	PDF	208 KB
Timm-Boss-Link-165T-assembly.pdf	PDF	223 KB
Timm-Boss-Link-180T-assembly.pdf	PDF	224 KB
Timm-Boss-Link-250T-assembly.pdf	PDF	228 KB

ACERA FPD

General description

Fall Preventer Device - for increased safety during drills and maintenance.

Features

- Made in grey Acera HMPE material
- Removable red sleeve with Velcro and the wording "REMOVE AFTER MAINTENANCE"
- With thimble eyes in both ends
- TimmLock TS2 splice
- Delivered with two pcs of shackles
- Each device tested with 150% of SWL

Benefits

- Prevent accidents that are the results of failure of on-load release hooks
- UV-protected, rot-proof and resistant to oils and most chemicals
- Made according to life boat specifications
- IMO MSC 1327 compliant
- With Work's Certificate

Acera Fall Preventer Device is an IMO MSC 1327 compliant fiber sling that increases safety and reduces the risk of accidents. An Fall Preventer Device is put into use to prevent accidents that are the result of failure of on-load release hooks. Such failures occur due to poor release hook designs, lack of maintenance and/or crew training. The Acera Fall Preventer Device acts as a secondary safety mechanism upon failure or accidental release of an on-load release hook.

Our Acera Fall Preventer Device is made from our own Acera HMPE fibre to create a light-weight , easy handled product.



ACERA FPD

Ordering information

Acera Fall Preventer Device

Product Number	Product name	Length [m]	SWL [T]
410395	ACERA FPD 0,8M SWL 1,7T	0.8	1.7
410391	ACERA FPD 1,0M SWL 2,0T	1.0	2.0
410359	ACERA FPD 1,0M SWL 5,0T	1.0	5.0
410371	ACERA FPD 1,2M SWL 5,0T	1.2	5.0
410387	ACERA FPD 2,0M SWL 5,0T	2.0	5.0

Product Number	Product name	Length [m]	SWL [T]
410363	ACERA FPD 0,7M SWL 6,0T	0.7	6.0
410375	ACERA FPD 0,8M SWL 6,0T	0.8	6.0
410367	ACERA FPD 1,0M SWL 6,0T	1.0	6.0
410383	ACERA FPD 2,0M SWL 8,0T	2.0	8.0
410379	ACERA FPD 2,25M SWL 8,3T	2.25	8.3

Approvals

This product is produced according to IMO MSC 1327 and ISO 10325:2009, and tested according to ISO 2307:2010.

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TIMM REPAIR KIT

Product Group: 326

Product number: 410552

General description

To mend damaged rope jackets and eyes

Features

- 100% high-tenacity polyester cross-woven cloth.
- Four tapes.
- Pre-installed double-sided tapes for quick and easy installation.
- Installation guide.

Benefits

- Easy and quick repair without the use of a coating.
- Extension of rope service life.
- Great appearance.
- No dangerous goods for transportation.

Many ropes, and HMPE ropes in particular, are supplied with a braided protective jacket. Such jackets get worn, and replacing them is expensive and time-consuming. The Timm Repair Kit is developed in order to repair ropes with jacket. Unlike other kits, our solution is free from chemicals.

Ordering information

Timm Repair Kit

Each kit contains:

20m x 150mm white polyester cloth

1x50m high-performance doublesided tape

3x9.1m Scotch vulcanizing tape

5x20m white masking tape

1x100m 3mm braided seizing rope

1 piece tackle tool

1 piece scissor