

Recd @ Fwaitah on 14/08/2020

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



①

Certificate of Conformity — Fiber Ropes

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA

Certificate number : 2020/ 4254-1

We hereby certify the following:

Type / Construction	NIKA-SIRI® S-12 DOUBLE BRAIDED, 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH U- JACKET	
Material (rope core)	UHMWPE acc. TO OCIMF MEG 4	
Material (rope cover)	JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE(ACC TO OCIMF MEG 4)	
Specific gravity	0.97	Ultra-Violet Protection: YES
Colour / Rope Identification	WHITE WITH BLACK STRIPES	
Size - Diam, mm / Circ. in	28MM	
Breaking strength	63 TONS	Kgf
Buyer - M/V	V.SHIPS ASIA	
	SIROCCO	
Coil Weight (ISO 2307), kgs	140KGS	
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (MEASURED UNDER REFERENCE TENSION AS PER ISO 2307) - WITH EYES AT BOTH ENDS	
Date of Shipment	7.8.2020	
Markings / Production code	266/20320356	
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009	
Remarks	ELONGATION AT BREAKING 3,5% MELTING POINT: UHMWPE 145° C, POLYESTER 265° C	
LLOYD'S REGISTER Type approval certificate number	1400094	
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES	

Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.

We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.

Date: 7.8.2020

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

SIGNATURE:



PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PSARON STR, P.O.BOX 86032,
PIRAEUS 18510, GREECE
Phone: +30-210-4060300,
Fax: 4619633-4626268
E-Mail: info@katradis.com
Web Site: http://www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL,
NKK, RINA, Hellenic Register of Shipping



Recd @ Fujairah on 14/08/2020

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



(2)

Certificate of Conformity – Fiber Ropes

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2020/ 4254-2	
We hereby certify the following:			
Type / Construction	NIKA-SIRI® S-12 DOUBLE BRAIDED: 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH U- JACKET		
Material (rope core)	UHMWPE acc. TO OCIMF MEG 4		
Material (rope cover)	JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE(ACC TO OCIMF MEG 4)		
Specific gravity	0.97	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH BLACK STRIPES		
Size – Diam, mm / Circ. in	28MM		
Breaking strength	63 TONS		Kgf
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	139KGS.		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (MEASURED UNDER REFERENCE TENSION AS PER ISO 2307) - WITH EYES AT BOTH ENDS		
Date of Shipment	7.8.2020		
Markings / Production code	266/20320355		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3,5% MELTING POINT: UHMWPE 145° C, POLYESTER 265° C		
LLOYD'S REGISTER Type approval certificate number	1400094		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 7.8.2020

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

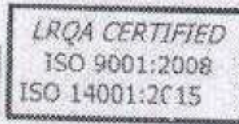
SIGNATURE:



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Fax: +30-210-4526268
E-Mail: info@katradis.com
Web Site: http://www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL,
NKK, RINA, Hellenic Register of Shipping



Recd @ Fujairah on 11/08/2020

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



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Certificate of Conformity — Fiber Ropes

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2020/ 4254-3	
We hereby certify the following:			
Type / Construction	NIKA-SIRIO S-12 DOUBLE BRAIDED 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH U- JACKET		
Material (rope core)	UHMWPE acc. TO OCIMF MEG 4		
Material (rope cover)	JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE(ACC TO OCIMF MEG 4)		
Specific gravity	0.97	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH BLACK STRIPES		
Size – Diam, mm / Circ. in	28MM		
Breaking strength	63 TONS		Kgf
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	140KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (MEASURED UNDER REFERENCE TENSION AS PER ISO 2307) - WITH EYES AT BOTH ENDS		
Date of Shipment	7.8.2020		
Markings / Production code	266/20320354		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3.5%		
	MELTING POINT: UHMWPE 145° C, POLYESTER 286° C		
LLOYD'S REGISTER Type approval certificate number	1400094		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 7.8.2020

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

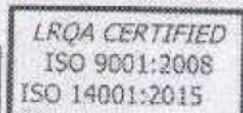
SIGNATURE:



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Web Site: <http://www.katradis.com>

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNVGL,
NKK, RTNA, Hellenic Register of Shipping



Reed @ Fujairah on 14/08/2020

KATRADIS MARINE ROPES INDUSTRY SA


SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



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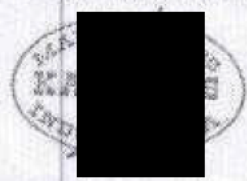
Certificate of Conformity – Fiber Ropes

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2020/ 4264-4	
We hereby certify the following:			
Type / Construction	NIKA-SIRI® S-12 DOUBLE BRAIDED: 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH U- JACKET		
Material (rope core)	UHMWPE acc. TO OCIMF MEG 4		
Material (rope cover)	JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE(ACC TO OCIMF MEG 4)		
Specific gravity	0.97	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH BLACK STRIPES		
Size – Diam, mm / Circ. in	28MM		
Breaking strength	63 TONS		
Buyer – M/V	V.SHIPS ASIA	Kgf	
	SIROCCO		
Coil Weight (ISO 2307), kgs	140KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (MEASURED UNDER REFERENCE TENSION AS PER ISO 2307) - WITH EYES AT BOTH ENDS		
Date of Shipment	7.8.2020		
Markings / Production code	266/20320352		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3,5% MELTING POINT: UHMWPE 145° C, POLYESTER 265° C		
LLOYD'S REGISTER Type approval certificate number	1400094		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 7.8.2020

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

SIGNATURE:



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E-Mail: info@katradis.com
Web Site: http://www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 750 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV GL,
NKK, RINA, Hellenic Register of Shipping



REC'D @ SINGAPORE
ON 31/07/2021

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KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



Certificate of Conformity – Fiber Ropes

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/772-1	
We hereby certify the following:			
Type / Construction	NIKA-SIRI® S-12 DOUBLE BRAIDED: 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH U- JACKET		
Material (rope core)	UHMWPE acc. TO OCIMF MEG 4		
Material (rope cover)	JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE(ACC TO OCIMF MEG 4)		
Specific gravity	0.97	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH BLACK STRIPES		
Size – Diam, mm / Circ. In	28MM		
Breaking strength	63 TONS		Kgf
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	141 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (MEASURED UNDER REFERENCE TENSION AS PER ISO 2307) - WITH EYES AT BOTH ENDS		
Date of Shipment	8.2.2021		
Markings / Production code	266/20320636		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3,5% MELTING POINT: UHMWPE 145° C, POLYESTER 265° C		
LLOYD'S REGISTER Type approval certificate number	1400094		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			Date: 8.2.2021

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

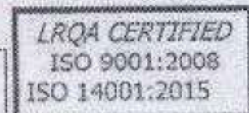
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Web Site: http://www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
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Rec'd @ SINGAPORE
on 31/07/2021

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KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



Certificate of Conformity – Fiber Ropes

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/772-2	
We hereby certify the following:			
Type / Construction	NIKA-SIRI® S-12 DOUBLE BRAIDED: 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH U- JACKET		
Material (rope core)	UHMWPE acc. TO OCIMF MEG 4		
Material (rope cover)	JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE(ACC TO OCIMF MEG 4)		
Specific gravity	0.97	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH BLACK STRIPES		
Size – Diam, mm / Circ. in	28MM		
Breaking strength	63 TONS		Kgf
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	141 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (MEASURED UNDER REFERENCE TENSION AS PER ISO 2307) - WITH EYES AT BOTH ENDS		
Date of Shipment	8.2.2021		
Markings / Production code	266/20320644		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10326:2009		
Remarks	ELONGATION AT BREAKING 3,5% MELTING POINT: UHMWPE 145° C, POLYESTER 285° C		
LLOYD'S REGISTER Type approval certificate number	1400094		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			Date: 8.2.2021

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

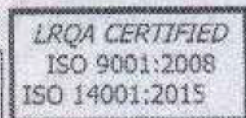
SIGNATURE:



PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

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Fax: 4619631-4626268
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Web Site: <http://www.katradis.com>

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL,
NKK, RINA, Hellenic Register of Shipping



Recd in SINGAPORE
on 31/09/2021

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KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



Certificate of Conformity – Fiber Ropes

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/772-3	
We hereby certify the following:			
Type / Construction	NIKA-SIRI@ S-12 DOUBLE BRAIDED: 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH U- JACKET		
Material (rope core)	UHMWPE acc. TO OCIMF MEG 4		
Material (rope cover)	JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE(ACC TO OCIMF MEG 4)		
Specific gravity	0.97	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH BLACK STRIPES		
Size – Diam, mm / Circ. in	28MM		
Breaking strength	63 TONS	Kg	
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	142 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (MEASURED UNDER REFERENCE TENSION AS PER ISO 2307) - WITH EYES AT BOTH ENDS		
Date of Shipment	8.2.2021		
Markings / Production code	258/20320645		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3.5%		
	MELTING POINT: UHMWPE 145° C, POLYESTER 265° C		
LLOYD'S REGISTER Type approval certificate number	1400094		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			Date: 8.2.2021

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

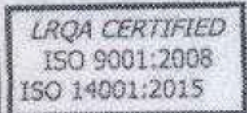
SIGNATURE:



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Web Site: http://www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
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KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



8

Rec'd @ SINGAPORE
on 31/07/2021

Certificate of Conformity — Fiber Ropes

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/772-4	
We hereby certify the following:			
Type / Construction	NIKA-SIRI® S-12 DOUBLE BRAIDED: 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH U- JACKET		
Material (rope core)	UHMWPE acc. TO OCIMF MEG 4		
Material (rope cover)	JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE(ACC TO OCIMF MEG 4)		
Specific gravity	0.97	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH BLACK STRIPES		
Size – Diam, mm / Circ. in	28MM		
Breaking strength	63 TONS	Kgf	
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	142 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (MEASURED UNDER REFERENCE TENSION AS PER ISO 2307) - WITH EYES AT BOTH ENDS		
Date of Shipment	8.2.2021		
Markings / Production code	266/20320837		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3,5% MELTING POINT: UHMWPE 145° C, POLYESTER 265° C		
LLOYD'S REGISTER Type approval certificate number	1400094		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			Date: 6.2.2021

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

SIGNATURE:



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E-Mail: info@katradis.com
Web Site: http://www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
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RCVD @ SINGAPORE 16/10/21

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



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Certificate of Conformity – Fiber Rope

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/5577-1	
We hereby certify the following:			
Type / Construction	NIKA-SIRIO S-12 DOUBLE BRAIDED: 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH POLYESTER JACKET		
Material (rope core)	UHMWPE acc. OCIMF MEG 3 SECTION 6.4.3.4.		
Material (rope cover)	100% POLYESTER JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE		
Specific gravity	1.07	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH RED STRIPES		
Size – Diam. mm / Circ. in	28mm		
Breaking strength	63 TONS	Kgf	
Buyer – M/V	V.SHIPS (ASIA) PTE SA		
	SIROCCO-P.O. 4838-90301		
Coil Weight (ISO 2307), kgs	134 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (SLACK ON DECK) BOTH ENDS 1.80MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	23.9.2021		
Markings / Production code	266/21320448		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3,5% MELTING POINT: UHMWPE 145° C, POLYESTER 265/145° C		
LOYD'S REGISTER Type approval Certificate number	LR2002506TA		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 23.9.2021

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

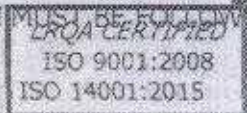
SIGNATURE:



PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PEARON STR, POBOX 86033,
PIRAEUS 18510, GREECE
Phones: +30-210-4650300,
Fax: +30-210-4626268
E-MAIL: info@katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV GL



SEND @ SINGAPORE 16/10/21

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



10

Certificate of Conformity – Fiber Rope

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/5577-2	
We hereby certify the following:			
Type / Construction	NIKA-SIRIO S-12 DOUBLE BRAIDED; 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH POLYESTER JACKET		
Material (rope core)	UHMWPE acc. OCIMF MEG 3 SECTION 6.4.3.4.		
Material (rope cover)	100% POLYESTER JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE		
Specific gravity	1,07	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH RED STRIPES		
Size – Diam, mm / Circ. in	28mm		
Breaking strength	63 TONS		Kgf
Buyer – M/V	V.SHIPS (ASIA) PTE SA		
	SIROCCO- P.O. 4838-90301		
Coil Weight (ISO 2307), kgs	134 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (SLACK ON DECK) BOTH ENDS 1.80MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	23.9.2021		
Markings / Production code	266/21324310		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3,5% MELTING POINT: UHMWPE 145° C, POLYESTER 265/145° C		
LLOYD'S REGISTER Type approval certificate number	LR2002605TA		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			Date: 23.9.2021

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

SIGNATURE:



PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PSARON STR, POBOX 86692,
PIRAEUS 18510, GREECE
Phone: +30-210-4993200,
Fax: +30-210-4993268
E-Mail: info@katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV GL



REVISED AT SINGAPORE 16/10/21

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



11

Certificate of Conformity – Fiber Rope

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/5577-3	
We hereby certify the following:			
Type / Construction	NIKA-SIRIO S-12 DOUBLE BRAIDED 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH POLYESTER JACKET		
Material (rope core)	UHMWPE acc. OCIMF MEG 3 SECTION 5.4.3.4.		
Material (rope cover)	100% POLYESTER JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE		
Specific gravity	1.07	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH RED STRIPES		
Size – Diam, mm / Circ. in	28mm		
Breaking strength	63 TONS		Kgf
Buyer – M/V	V.SHIPS (ASIA) PTE SA		
	SIROCCO, P.O. 4838-90301		
Coil Weight (ISO 2307), kgs	134 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (SLACK ON DECK) BOTH ENDS 1.80MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	23.9.2021		
Markings / Production code	266/21320442		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3.5% MELTING POINT: UHMWPE 145° C, POLYESTER 265/145° C		
LLOYD'S REGISTER Type approval certificate number	LR2002606TA		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages			Date: 23.9.2021

*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

SIGNATURE:

PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PSARON STR, POBOX 86932, PIRAEUS 18510, GREECE
Phone: +30-210-4650300, Fax: 4615631-4626255
E-Mail: info@katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons approved by Lloyd's Register and also accepted by American Bureau of Shipping, Bureau Veritas, DNY-GL.



RCVD AT SINGAPORE 16/10/21

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



12

Certificate of Conformity – Fiber Rope

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/5577-4	
We hereby certify the following:			
Type / Construction	NIKA-SIRI® S-12 DOUBLE BRAIDED: 12 STRAND UHMWPE* ROPE (HMPE* ROPE) WITH POLYESTER JACKET		
Material (rope core)	UHMWPE acc. OCIMF MEG 3 SECTION 6.4.3.4.		
Material (rope cover)	100% POLYESTER JACKET IS NON-LOAD BEARING-REPAIR OF JACKET DOES NOT AFFECT THE LOAD BEARING CORE		
Specific gravity	1.07	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH RED STRIPES		
Size – Diam, mm / Circ. in	28mm		
Breaking strength	63 TONS	Kgf	
Buyer – M/V	V.SHIPS (ASIA) PTE SA SIROCCO- P.O. 4838-90301		
Coil Weight (ISO 2307), kgs	133 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X220MTRS (SLACK ON DECK) BOTH ENDS 1.80MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	23.9.2021		
Markings / Production code	286/21324307		
Reference standard(s)	ISO 2307:2010, ISO 8554:2010, ISO 10325:2009		
Remarks	ELONGATION AT BREAKING 3.5% MELTING POINT: UHMWPE 145° C, POLYESTER 265/145° C		
LLOYD'S REGISTER Type approval certificate number	LR2002606TA		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			Date: 23.9.2021

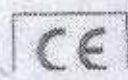
*UHMWPE=Ultra High Molecular Weight PolyEthylene, *HMPE=High Modulus PolyEthylene

SIGNATURE:

PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PSARON STR, POBOX 86032,
PIRAEUS 18530, GREECE
Phone: +30-210-4060300,
Fax: 4619631-4526268
E-Mail: info@katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNVGL,





Marine & Offshore

30/05/22

Certificate number: 02342CHN22

www.veristar.com

CERTIFICATE FOR FIBRE ROPE

Manufacturer	: Jiuli Rope Co. Ltd. (Bao Ying - CHN)
Supplier	: Jiuli Rope Co. Ltd. (Bao Ying - CHN)
Requirements	: NR216 - Rules on Materials and Welding for the Classification of Marine Units
Product description	: UHMWPE 12 strand Rope
Design review	: Reference(s) : ISO10325-2018(E) , TECHNICAL AGREEMENT
Quantity	: 4 coil
Type	: UHMWPE 12 strand Rope
Material	: UHMWPE
External diameter	: 28mm
Number of strands	: 12
Breaking load	: 618kN
Length	: 220m
Piece / Serial number(s)	: 4 coil / 2205A1646-1649

Enclosures / Remarks :

This certificate is issued by Bureau Veritas Marine & Offshore as per the above Classification Rules and in compliance with the applicable technical requirements therein.

Marking : IV 02342CHN22
Last survey : 30 May 2022
Surveyor : Shunda Zhang

Issuance date : 30 May 2022
Office : BV SHANGHAI

This certificate was created electronically and is valid without signature



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The Electronic Version is available at: <https://www.veristarpm.com/veristarnb/jsp/certificate.jsp?id=ms0woovdui>

BV Mod. Ad E:677a June 2017

This certificate consists of 1 page(s)

Recd @ Fujairah on 14-08-2020

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



①

Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2020/4255-1	
We hereby certify the following:		2020-3744	
Type / Construction	NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL® & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL® FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size – Diam. mm / Circ. in	56MM		
MIN.BREAKING LOAD	81 TONS		Kgf
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	38KGS		
Coil length (ISO 2307), mtrs – Terminations	1X11MTRS(SLACK ON DECK) - WITH PRESSED SPLICES ON BOTH ENDS		
Date of Shipment	7.8.2020		
Markings / Production code	200B0542		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015),IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18%		
	MELTING POINT: 185° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 7.8.2020

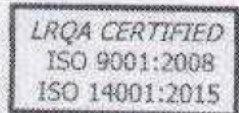
*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements). HDPE contents min 15% - max 50% as per EN ISO 10572.

SIGNATURE:

PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PSARON STR, POBOX 86332,
PIRAEUS 18510, GREECE
Phones: +30-210-4060300,
Fax: +30-210-4625268
E-Mail: info@katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL
SIRX, RINA, Italian Register of Classification



Recd @ Fujairah on 14/08/2020

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



2

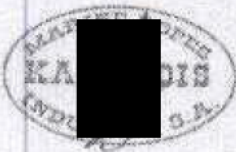
Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use:

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2020/ 4255-2	
We hereby certify the following:		2020-3745	
Type / Construction	NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL®* & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL®*FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size – Diam, mm / Circ. in	66MM		
MIN.BREAKING LOAD	81 TONS	Kgf	
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	38KGS		
Coil length (ISO 2307), mtrs -- Terminations	1X11MTRS(SLACK ON DECK) - WITH PRESSED SPLICES ON BOTH ENDS		
Date of Shipment	7.8.2020		
Markings / Production code	20080542		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015), IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18%		
	MELTING POINT: 185° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
Date: 7.8.2020			

*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements). HDPE contents min 15% - max 50% as per EN ISO 10572.

SIGNATURE:



PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PSARON STR, POBOX 86032,
PIRAEUS 18510, GREECE
Phones: +30-210-4060300,
Fax: 4619631-4625268
E-Mail: info@katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL,
RINA, CIMA, Italian Institute of Shipping



Recd @ Fujairah on 14/08/2020

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



3

Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2020/ 4255-3	
We hereby certify the following:		2020-3746	
Type / Construction	NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL®* & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL®*FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size – Diam, mm / Circ. in	68MM		
MIN.BREAKING LOAD	81 TONS	Kgf	
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	38KGS		
Coil length (ISO 2307), mtrs – Terminations	1X11MTRS(SLACK ON DECK) - WITH PRESSED SPLICES ON BOTH ENDS		
Date of Shipment	7.8.2020		
Markings / Production code	20080542		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015),IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18% MELTING POINT: 165° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
Date: 7.8.2020			

*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements). HDPE contents min 15% - max 50% as per EN ISO 10572.

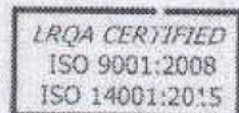
SIGNATURE:



PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PSARON STR, POBOX 86032,
PIRAEUS 18510, GREECE
Phones: +30-210-4060300,
Fax: +619631-4626268
E-Mail: info@katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL,
NK, DINA, Italian Register of Shipping



Recd @ Rayairah on 14/08/2020

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



(4)

Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2020/ 4255-4	
We hereby certify the following:		2020-3747	
Type / Construction	NIKAFLEX® 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL®* & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL®* FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1.14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size – Diam, mm / Circ. In	56MM		
MIN.BREAKING LOAD	81 TONS	Kgf	
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	38KGS		
Coil length (ISO 2307), mtrs – Terminations	1X11MTRS(SLACK ON DECK) - WITH PRESSED SPLICES ON BOTH ENDS		
Date of Shipment	7.8.2020		
Markings / Production code	20080542		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015), IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18% MELTING POINT: 185° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
Date: 7.8.2020			

SIGNATURE:



PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

11 PSARON STR, POBOX 86032,
PIRAEUS 18510, GREECE
Phones: +30-210-4660300,
Fax: 4619631-4625268
E-Mail: info@katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL,
RINA, DINA, Maritime Institute of Chongqing



PCVD @ SINGAPORE ON 31/07/21

5

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



EST. 1936

Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/773-1	
We hereby certify the following:		2020-6399	
Type / Construction	: NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	: HIGH TENACITY NIKASTEEL®* & POLYESTER YARNS		
Material (rope cover)	: HIGH TENACITY NIKASTEEL®* FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	: 1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	: WHITE WITH YELLOW / RED STRIPES		
Size – Diam, mm / Circ. In	: 56MM		
MIN.BREAKING LOAD	: 81 TONS	Kgf	
Buyer – M/V	: V.SHIPS ASIA		
	: SIROCCO		
Coil Weight (ISO 2307), kgs	: 38 KGS		
Coil length (ISO 2307), mtrs – Terminations	: 1X11MTRS WITH ONE END 1.80MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE AND THE OTHER END 0.90MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	: 6.2.2021		
Markings / Production code	: 20080682		
Reference standard(s)	: ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015), IMO MSC/CIRC 1175		
Remarks	: ELONGATION AT BREAKING 16-18%		
	MELTING POINT: 155° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 6.2.2021

*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements). HDPE contents min 15% - max 50% as per EN ISO 10572.

SIGNATURE:



PLEASE SEE OVERLEAF FOR INSTRUCTIONS WHICH MUST BE FOLLOWED

LRQA CERTIFIED
ISO 9001:2008
ISO 14001:2015



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Fax: +619631-4626268
E-Mail: info@katradis.com
Web: www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
Kokorinos Charities of Chios, Greece Member ISO 9001

PCVD @ SINGAPORE ON 31/07/21

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



6

Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/773-2	
We hereby certify the following:		2020-6400	
Type / Construction	NIKAFLEX 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL® & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL® FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope identification	WHITE WITH YELLOW / RED STRIPES		
Size – Diam, mm / Circ. in	58MM		
MIN.BREAKING LOAD	81 TONS	Kgf	
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	38 KGS		
Coil length (ISO 2307), mtrs – Terminations	1X11MTRS WITH ONE END 1.60MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE AND THE OTHER END 0.90MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	8.2.2021		
Markings / Production code	20080882		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015),IMO MSC/CIRC 1176		
Remarks	ELONGATION AT BREAKING 15-18%		
	MELTING POINT: 165° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
Date: 8.2.2021			

*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements), HDPE contents min 15% - max 50% as per EN ISO 10572.

SIGNATURE:



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ISO 9001:2008
ISO 14001:2015

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Web Site: www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
European Bureau of Classification Bureau Member ABS/C



RCVD @ SINGAPORE ON 31/07/21

7

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number: 2021/773-3	
We hereby certify the following:		2020-6401	
Type / Construction	NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL® & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL® FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size – Diam, mm / Circ. in	56MM		
MIN.BREAKING LOAD	81 TONS	Kgf	
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	38 KGS		
Coil length (ISO 2307), mtrs -- Terminations	1X11MTRS WITH ONE END 1.80MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE AND THE OTHER END 0.90MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	8.2.2021		
Markings / Production code	20080892		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015), IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18% MELTING POINT: 165° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
Date: 8.2.2021			

*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements). HDPE contents min 15% - max 50% as per EN ISO 10572.

SIGNATURE:



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ISO 9001:2008
ISO 14001:2015

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Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
London Bureau of Quality Assurance (LBQA)



REC'D @ SINGAPORE ON 31/07/21

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



8

Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/773-4	
We hereby certify the following:		2020-6402	
Type / Construction	NIKAFLEX® 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL®* & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL®* FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size – Diam, mm / Circ. In	56MM		
MIN.BREAKING LOAD	61 TONS	Kgf	
Buyer – M/V	V.SHIPS ASIA		
	SIROCCO		
Coil Weight (ISO 2307), kgs	38 KGS		
Coil length (ISO 2307), mtrs - Terminations	1X11MTRS WITH ONE END 1.80MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE AND THE OTHER END 0.50MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	8.2.2021		
Markings / Production code	20080982		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015), IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18%		
	MELTING POINT: 165° C NIKASTEEL® - 285° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			Date: 8.2.2021

*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements). HDPE contents min 15% - max 50% as per EN ISO 10572.

SIGNATURE:



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Fax: 4619631-4626268
E-Mail: info@katradis.com
Web: www.katradis.com

Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
Korean Bureau of Testing, Bureau Veritas, BUREAU



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ISO 9001:2008
ISO 14001:2015

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



9

Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA Certificate number : 2021/6578-1
2021-1577

We hereby certify the following:

Type / Construction	NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION	
Material (rope core)	HIGH TENACITY NIKASTEEL® & POLYESTER YARNS	
Material (rope cover)	HIGH TENACITY NIKASTEEL® FIBERS 50% & POLYESTER FIBERS 50%	
Specific gravity	1.14	Ultra-Violet Protection: YES
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES	
Size – Diam. mm / Circ. in	56 MM	Kgf
MIN. BREAKING LOAD	81 TONS	
Buyer – MV	V.SHIPS (ASIA) PTE SA	
Coil Weight (ISO 2307), kgs	39 KGS	
Coil length (ISO 2307), mtrs	1 X 11MTRS (SLACK ON DECK) - WITH ONE END 1.30MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE AND AT THE OTHER END 0.90MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE	
Terminations		
Date of Shipment	23.9.2021	
Markings / Production code	21080415	
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10566:2009(2015) IMO MSC/CIRC 1175	
Remarks	ELONGATION AT BREAKING 15-18% MELTING POINT: 165° C NIKASTEEL® - 265° C POLYESTER	
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES	

Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.

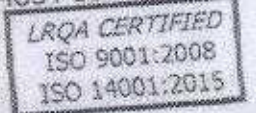
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.

*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements). HDPE contents min 15% - max 50% as per EN ISO 10572.

Date: 23.9.2021

SIGNATURE: 

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Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL.

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



10

Certificate of Conformity – Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

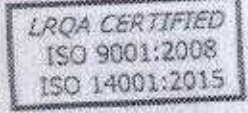
Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/5578-2	
We hereby certify the following:		2021-1578	
Type / Construction	NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL® & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL® FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size – Diam, mm / Circ. in	58 MM		Kgf
MIN.BREAKING LOAD	81 TONS		
Buyer – M/V	V.SHIPS (ASIA) PTE SA		
	SIROCCO-P O. 4838-90301		
Coil Weight (ISO 2307), kgs	39 KGS		
Coil length (ISO 2307), mtrs – Terminations	1 X 11MTRS (BLACK ON DECK) - WITH ONE END 1.50MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE AND AT THE OTHER END 0.50MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	23.9.2021		
Markings / Production code	21080418		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015), IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18% MELTING POINT: 165° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 23.9.2021

*Nikasteel® yarns are a special melt mixture of high quality European raw materials (Polypropylene, High Density Polyethylene, UV stabilizer and other improving elements). HDPE contents min 15% - max 50% as per EN ISO 10572.

SIGNATURE:



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Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
approved by Lloyd's Register and also accepted by
American Bureau of Shipping, Bureau Veritas, DNV-GL.

KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



Certificate of Conformity — Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/6578-3	
We hereby certify the following:		2021-1579	
Type / Construction	NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL® & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL® FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size - Diam, mm / Circ. in	56 MM		
MIN. BREAKING LOAD	81 TONS	Kgf	
Buyer - M/V	V.SHIPS (ASIA) PTE SA		
	SIROCCO-P.O. 4838-90301		
Coil Weight (ISO 2307), kgs	39 KGS		
Coil length (ISO 2307), mtrs - Terminations	1 X 11MTRS(SLACK ON DECK) - WITH ONE END 1.20MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE AND AT THE OTHER END 0.90MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	23.9.2021		
Markings / Production code	21060416		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015), IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18%		
	MELTING POINT: 165° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 23.9.2021

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SIGNATURE:



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Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
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American Bureau of Shipping, Bureau Veritas, DNV GL.



KATRADIS MARINE ROPES INDUSTRY SA

SYNTHETIC ROPES - STEEL WIRE ROPES - ANODES
ANCHORS & STUDLINK ANCHOR CHAINS
WORLDWIDE



12

Certificate of Conformity — Fiber Tails

Certificate of Test and Examination of Fiber Rope before taken into use

Manufacturer : KATRADIS MARINE ROPES INDUSTRY SA		Certificate number : 2021/5578-4	
We hereby certify the following:		2021-1580	
Type / Construction	NIKAFLEX: 8- STRAND SINGLE BRAIDED TAILS MIXED WITH POLYESTER (50%) AND POLYPROPYLENE® (50%) YARNS THROUGH THE WHOLE CROSS SECTION		
Material (rope core)	HIGH TENACITY NIKASTEEL®* & POLYESTER YARNS		
Material (rope cover)	HIGH TENACITY NIKASTEEL®* FIBERS 50% & POLYESTER FIBERS 50%		
Specific gravity	1,14	Ultra-Violet Protection: YES	
Colour / Rope Identification	WHITE WITH YELLOW / RED STRIPES		
Size - Diam, mm / Circ. in	56 MM		
MIN. BREAKING LOAD	81 TONS	Kgf	
Buyer - M/V	V.SHIPS (ASIA) PTE SA		
	SIROCCO-P.O. 4838-90301		
Coil Weight (ISO 2307), kgs	39 KGS		
Coil length (ISO 2307), mtrs -- Terminations	1 X 11MTRS(SLACK ON DECK) - WITH ONE END 1.80MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE AND AT THE OTHER END 0.90MTR SOFT EYE WITH POLYESTER PROTECTIVE WEBBING SLEEVE		
Date of Shipment	23.9.2021		
Markings / Production code	21080418		
Reference standard(s)	ISO 2307:2010, ISO 9554:2010, EN ISO 10556:2009(2015), IMO MSC/CIRC 1175		
Remarks	ELONGATION AT BREAKING 15-18%		
	MELTING POINT: 165° C NIKASTEEL® - 265° C POLYESTER		
Rope is produced acc to OCIMF recommendations for safe mooring of tankers, LNG's, LPG's	YES		
Environmental note: All materials used for packaging of the ropes are recyclable & environmentally safe.			
All raw materials used in the production of our ropes are virgin. No recycled / previously used materials are utilized in any production stage. All our products are asbestos-free & environmentally safe.			
We certify that the above particulars are correct and that the test and examination were carried out by a competent person. Ropes are checked for compliance and are fully inspected & tested at all production stages.			
			Date: 23.9.2021

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SIGNATURE:



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Testing facilities: HORIZONTAL TESTING BENCH 250 Tons
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