VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

RISK ANALYSIS
TESTING
CERTIFICATION

EU TYPE-EXAMINATION CERTIFICATE

according to Article 19 (c) of Regulation (EU) 2016/425 of the European Parliament and of the Council

No. 1019-276/Q/2026

Name of product:	**Rope, type XD-S9801105, XD-S980111**
PPE category:	III.
Manufacturer:	**Zhejiang Bingfeng Outdoor Product Co., LTD.** **No. 19 Xinchao Road, Wangjiang Community, Bai** **322100 Dongyang** **China**
Applied standards and/or technical specification:	ČSN EN 1891:2000 (identical to EN 1891:1998) ČSN EN 365:2005 (identical to EN 365:2004)
Base for issue of certificate:	Evaluation Report No. 1019-023113/2026, 1st edition (integral part of this certificate)
Conditions of validity:	Certificate shall only be used in conjunction with one of the conformity assessment procedures referred to Article 19 (c) point (i) or (ii) of Regulation (EU) 2016/425 of the European Parliament and of the Council.
Validity of certificate:	August 10, 2026 - August 9, 2031
Edition:	1st

VVUÚ, a. s. hereby certifies that the sample of the product mentioned above meets all the relevant essential health and safety requirements of Annex II of the Regulation (EU) 2016/425 of the European Parliament and of the Council.

VVUÚ, a.s. OZNÁMENÝ SUBJEKT 1019 ① VVUU

August 10, 2026
.....
Date of issue

Ing. Jiří šorf
.....
Deputy Director NB 1019

Duplication of only parts of this document is subject to the approval of VVUÚ, a.s., NB 1019, Ostrava – Radvanice, Czech Republic.

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

RISK ANALYSIS
TESTING
CERTIFICATION

Description of product

General description:	Low stretch kernmantel rope of type A
Composition of product:	Textile rope consisting of a core enclosed by a sheath
Material:	Sheath: Polyamide (PA 66) 420D, Core: polyamide (PA 66) 1680D
Diameter of the rope:	10.5 mm, 11 mm
Trademark:	XINDA

Picture of product



Rope, type XD-S9801105



Rope, type XD-S980111

Duplication of only parts of this document is subject to the approval of VVUÚ, a.s., NB 1019, Ostrava – Radvanice, Czech Republic.

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

RISK ANALYSIS
TESTING
CERTIFICATION

EVALUATION REPORT

according to Article 19 (c) of Regulation (EU) 2016/425 of the European Parliament and of the Council

Module B

No. 1019-023113/2026

The product, type:	**Rope, type XD-S9801105, XD-S980111**
Category of PPE:	**III.**
Manufacturer:	**Zhejiang Bingfeng Outdoor Product Co., LTD., No. 19 Xinchao Road, Wangjiang Community, Bai, 322100 Dongyang, China**
Application No.:	**023113** **dated: May 13, 2026**
Contract No.:	**VCER/2026/492** **dated: June 5, 2026**
Edition:	**1st**
Issued by:	**Romana Vitoušová** **Technical Expert** Signature:
Date:	**August 10, 2026**

OZNÁMENÝ SUBJEKT 1019
VVUÚ, a.s.
VVUU

Stamp of Notified Body

Notes:
All regulations are used as written, include all subsequent amendments, and are referred to by their original title. This Evaluation Report applies only to the aforementioned product, the submitted documentation, and tests, inspections and documentation carried out and prepared by Notified Body No. 1019.
The Evaluation Report (without appendices) may be published in its entirety only. Publication of a part of the Evaluation Report requires the prior consent of Notified Body No. 1019.
Reference to the Evaluation Report must identify VVUU, a.s, as Notified Body No. 1019.

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

1. Product specification

General description:	Low stretch kernmantel rope of type A
Composition of product:	Textile rope consisting of a core enclosed by a sheath
Material:	Sheath: Polyamide (PA 66) 420D, Core: polyamide (PA 66) 1680D
Diameter of the rope:	10.5 mm, 11 mm
Trademark:	XINDA



Rope, type XD-S9801105



Rope, type XD-S980111

The manufacturer delivered 20 + 20 m of the specimen of the model on July 21, 2026.

2. List of submitted technical documentation according to Annex III to the Regulation (EU) 2016/425 of the European Parliament and of the Council

No.	Name of documentation
1.	Instruction for use (English version)
2.	Marking, dated August 5, 2026
3.	Packaging, dated August 4, 2026
4.	Product drawing / Materials / Specifications and Product description, dated August 5, 2026
5.	Quality Plan, dated August 4, 2026
6.	List of standards and basic safety requirements, dated August 5, 2026
7.	Risk assessment, dated August 5, 2026
8.	QMS Certificate (ISO 9001:2015), No. HBC2505821QR0S, issued by Shanghai Huibo Certification Co., Ltd., valid until May 28, 2028
9.	Harmlessness Declaration, dated August 5, 2026
10.	Declaration of Melting point
11.	EU Declaration of Conformity, dated August 3, 2026

3. Examination of the technical file

3.1 Application of the harmonized standards, respectively the technical specifications

The manufacturer has applied the harmonized standards ČSN EN 1891:2000 (identical to EN 1891:1998) and ČSN EN 365:2005 (identical to EN 365:2004).

3.2 Examination of the technical file

Date of examination	Document	Conclusion
August 10, 2026	Appendix to this Evaluation Report	Technical design of the PPE is adequate. The technical file is suitable for the examination of conformity to essential requirements of the Regulation (EU) 2016/425 of the European Parliament and of the Council.

3.3 Identification of the elements which have been designed in accordance with the harmonized standards

Date of examination	Document	Conclusion
August 10, 2026	Appendix to this Evaluation Report	There were identified elements designed in accordance with the harmonized standards.

4. Examination of the model

4.1 Verification of compliance of the model with the technical file

Date of examination	Document	Conclusion
August 10, 2026	Appendix to this Evaluation Report	The specimen of the model has been manufactured in conformity with the technical documentation.

4.2 Examinations and tests

Date of examination/test	Document	Conclusion
August 10, 2026	Appendix to this Evaluation Report	The specimen of the model is in conformity with the harmonized standards ČSN EN 1891 and ČSN EN 365 and meets the essential requirements of the Regulation (EU) 2016/425 of the European Parliament and of the Council.
July 31, 2026	Inspection Report No. C10093-10-26	
July 31, 2026 and August 3, 2026	Test Report No. A10093-10-26	

Results of examinations and tests are given in the Appendix to this Evaluation Report.

5. Assessment of the conformity of the model with essential requirements

From the results of the examination of the technical file and the examinations and tests performed, it follows that the model of the product „Rope, type XD-S9801105, XD-S980111", of the manufacturer Zhejiang Bingfeng Outdoor Product Co., LTD., No. 19 Xinchao Road, Wangjiang Community, Bai, 322100 Dongyang, China

s a t i s f i e s

the relevant essential health and safety requirements referred to Annex II to the Regulation (EU) 2016/425 of the European Parliament and of the Council.

6. Procedure subsequent to EU-type examination

The procedure will be performed by Notified Body No. 2834 (CCQS Certification Services Limited, Ireland).

7. List of materials for preparation of the Evaluation Report

- Inspection Report No. C10093-10-26, dated August 4, 2026, issued by Certification Body for Products at VVUÚ, a.s., Ostrava - Radvanice, Czech Republic;
- Test Report No. A10093-10-26, dated August 4, 2026, issued by VVUÚ, a.s., Testing Laboratory, Ostrava - Radvanice, Czech Republic;

8. List of appendices

- Appendix to Evaluation Report No. 1019-023113/2026, dated August 10, 2026

VVUU
RISK ANALYSIS
TESTING
CERTIFICATION

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Notified Body No. 1019

APPENDIX TO EVALUATION REPORT
No. 1019-023113/2026, dated August 10, 2026

Product: **Rope, type XD-S9801105, XD-S980111**

Note: evaluation method; Yes – meet / satisfy, No – not satisfy, (I) - irrelevant

Part 1: Technical documentation supplied by the manufacturer stated in chapter 2 of the Evaluation Report

1.1 Examination of the technical documentation file

No.	Documentation requirement	Satisfy
1, 2, 3, 4, 10	a) a complete description of the PPE and of its intended use	Yes
7	b) an assessment of the risks against which the PPE is intended to protect	Yes
6	c) a list of the essential health and safety requirements that are applicable to the PPE	Yes
4	d) design and manufacturing drawings and schemes of the PPE and of its components, sub-assemblies and circuits	Yes
/	e) the descriptions and explanations necessary for the understanding of the drawings and schemes referred to in point (d) and of the operation of the PPE	I)
1	f) the references of the harmonised standards that have been applied for the design and manufacture of the PPE. In the event of partial application of harmonised standards, only the parts which have been applied	Yes
/	g) descriptions of the other technical specifications that have been applied in order to satisfy the applicable essential health and safety requirements, if harmonised standards have not been applied or have been only partially applied	(I)
/	h) the results of the design calculations, inspections and examinations carried out to verify the conformity of the PPE with the applicable essential health and safety requirements	(I)
/	i) Reports on the tests carried out to verify the conformity of the PPE with the applicable essential health and safety requirements and, where appropriate, to establish the relevant protection class	(I)
5, 8	j) a description of the means used by the manufacturer during the production of the PPE to ensure the conformity of the PPE produced with the design specifications	Yes
1	k) a copy of the manufacturer's instructions and information set out in point 1.4 of Annex II to the Regulation (EU) 2016/425 of the European Parliament and of the Council	Yes
/	l) all the necessary instructions for manufacturing of PPE on the basis of the approved basic model, produced as a single unit to fit an individual user *Note: Assessment of instruction for production of these PPE types.*	(I)
/	m) a description of the measures to be taken by the manufacturer during the fitting and production process to ensure that each item of PPE complies with the approved type and with the applicable essential health and safety requirements *Note: Concerns only PPE produced in series where each item is adapted to fit an individual user. Description of the measures and their suitability is assessed.*	(I)

Conclusion of assessment

Requirement	Satisfy
Adequacy of the technical design of the PPE	Yes

Requirement	Satisfy
Suitability of the technical file for the examination of conformity to essential requirements of the Regulation (EU) 2016/425 of the European Parliament and of the Council	Yes

1.2 Verification of compliance of the model with the technical file

Requirement	Satisfy
Compliance of the model with the technical file	Yes

1.3 The elements which have been designed in accordance with the harmonized standards

EN 1891:1998

Article	Requirement	Satisfy
4.1	Materials	Yes
4.2	Rope diameter D	Yes
4.3	Knotability K	Yes
4.4	Sheath slippage S_s	Yes
4.5	Elongation E	Yes
4.6	Shrinkage R	Yes
4.7	Mass per unit length M	Yes
4.8	Mass of the outer sheath material S_p	Yes
4.9	Mass of the core material C	Yes
4.10	Fall arrest peak force F	Yes
4.11	Dynamic performance	Yes
4.12	Static strength	Yes
6	Marking	Yes
7	Information to be supplied by the manufacturer including instructions for use	Yes

EN 365:2004

Article	Requirement	Used
4.1	General	Yes
4.2	Instructions for use	Yes
4.3	Instructions for maintenance	Yes
4.4	Instructions for periodic examinations	Yes
4.5	Instructions for repair	Yes
4.6	Records	Yes
4.7	Periodic examination	Yes
4.8	Marking	Yes
4.9	Packaging	Yes

Part 2: Examinations and tests

2.1 Examinations and tests of the model in accordance with harmonized standards

EN 1891:1998

Article	Requirement	Document	Satisfy
4.1	Materials	Inspection Report No. C10093-10-26 Assessment No. 023113	Yes
4.2	Rope diameter D	Test Report No. A10093-10-26	Yes
4.3	Knotability K	Test Report No. A10093-10-26	Yes
4.4	Sheath slippage S_s	Test Report No. A10093-10-26	Yes
4.5	Elongation E	Test Report No. A10093-10-26	Yes
4.6	Shrinkage R	Test Report No. A10093-10-26	Yes
4.7	Mass per unit length M	Test Report No. A10093-10-26	Yes
4.8	Mass of the outer sheath material S_p	Test Report No. A10093-10-26	Yes
4.9	Mass of the core material C	Test Report No. A10093-10-26	Yes
4.10	Fall arrest peak force F	Test Report No. A10093-10-26	Yes
4.11	Dynamic performance	Test Report No. A10093-10-26	Yes
4.12	Static strength	Test Report No. A10093-10-26	Yes
6	Marking	Assessment No. 023113	Yes
7	Information to be supplied by the manufacturer including instructions for use	Assessment No. 023113	Yes

EN 365:2004

Article	Requirement	Document	Satisfy
4.1	General	Assessment No. 023113	Yes
4.2	Instructions for use	Assessment No. 023113	Yes
4.3	Instructions for maintenance	Assessment No. 023113	Yes
4.4	Instructions for periodic examinations	Assessment No. 023113	Yes
4.5	Instructions for repair	Assessment No. 023113	Yes
4.6	Records	Assessment No. 023113	Yes
4.7	Periodic examination	Assessment No. 023113	Yes
4.8	Marking	Assessment No. 023113	Yes
4.9	Packaging	Assessment No. 023113	Yes

Part 3: Conformity of the model with the basic health and safety requirements

Requirement of Annex II to the Regulation (EU) 2016/425 of the European Parliament and of the Council		Standard / article Evaluation	Conformity
1.1.1	Ergonomics	EN 1891 / 4	Yes
1.1.2.1	Optimum level of protection	The level of protection is optimal and does not prevent effective use during the period of exposure to the risk or the normal performance of the activity.	Yes

Requirement of Annex II to the Regulation (EU) 2016/425 of the European Parliament and of the Council		Standard / article Evaluation	Conformity
1.1.2.2	Classes of protection appropriate to different levels of risk	EN 1891 / 3.4, 4.9, 4.10, 4.11, 4.12, 6.2, 6.3, 7	Yes
1.2.1	Absence of inherent risks and other nuisance factors	PPE is designed and manufactured as to preclude risks and other nuisance factors under foreseeable conditions of use.	Yes
1.2.1.1	Suitable constituent materials	PPE materials and parts, including any of their decomposition products, are not adversely affect user hygiene or health. *Manufacturer declaration*	Yes
1.3.2	Lightness and strength	EN 1891 / 4.8,4.9, 4.11, 4.12	Yes
1.4	Manufacturer's instructions and information	EN 1891 / 6 and 7 EN 365 / 4.1, 4.2, 4.3, 4.4, 4.6, 4.7	Yes
2.4	PPE subject to ageing	EN 1891 / 7 EN 365 / 4.2	Yes
2.8	PPE for intervention in very dangerous situations	EN 1891 / 7 n) EN 365 / 4.2	Yes
2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	EN 1891 / 6 EN 365 / 4.8	Yes
3.1.2.2	Prevention of falls from a height	EN 1891 / 4 EN 365 / 4.2	Yes *)

Unlisted basic requirements do not relate to this product
**) The product is only one part of security chain and should be compatible in connection to other parts.*

At Ostrava – Radvanice, dated August 10, 2026

Issued by: Romana Vitoušová

VVUU
RISK ANALYSIS
TESTING
CERTIFICATION

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Certification Body for Products at VVUÚ, a.s., No. 3076
accredited by CAI according to standard ČSN EN ISO/IEC 17065:2013

V 3076

INSPECTION REPORT

No. C10093-10-26

Date of Issue: August 4, 2026
Place of Issue: Ostrava-Radvanice

Phone: 596 252 322, 268
E-mail: ficnerm@vvuu.cz
dorazilt@vvuu.cz

Subject of Inspection:	Low stretch kernmantel rope
Client:	VVUÚ, a.s., COV No. 3076, Pikartská 1337/7, 716 00 Ostrava-Radvanice
Order No.:	VZL/2026/437 dated July 9, 2026
Inspected Sample:	Rope, type XD-S9801105, XD-S980111, (No. Samples: 10833)
Date of Delivery:	July 13, 2026 and July 26, 2026
Date of Inspections:	July 31, 2026
Place of Inspections:	PPE Testing Laboratory

Inspection Report contains: Text page (s): 2
Annex page(s): 0

The result of inspections relates only to the sample inspected. The Inspection Report shall be reproduced only as a whole unless a written agreement made with the Certification Body does not state otherwise.

VVUÚ, a.s.
Pikartská 1337/7, Radvanice, 716 00 Ostrava
Czech Republic

Certification Body for Products at VVUÚ, a.s., No. 3076
accredited by CAI according to standard ČSN EN ISO/IEC 17065:2013

V 3076

Inspection Report No. C10093-10-26

1. Verification of requirements according to the technical standards / technical specifications

Name of the technical standard: Personal protective equipment for the prevention of falls from a height - Low stretch kernmantel ropes

Designation of the standard: ČSN EN 1891: 2000

UIAA standard: ---

Designation of the technical specification: ---

1.1 Results of examinations

ČSN EN 1891:2000	Requirements	Results
4.1 Materials	Materials used in the manufacture of low stretch kernmantel ropes shall be of continuous virgin synthetic fibre.	Materials used are of continuous virgin synthetic fibre. XD-S9801105, XD-S980111
	The materials used for the construction of the sheath and the core shall be known.	/
	Materials shall be known to have a melting point > 195 °C.	/

Note:

- „/“ - it is not relevant or it was not a subject of the examination.

2. Verification of the results from the external reports provided by the customer.

Not assessed.

Issued by:

Marián Ficner

.....

Expert of CBP

Akreditovaný Certifikační orgán na výrobky ve VVUÚ, a.s. č. 3076 VVUU

Approved by:

Ing. Tomáš Dorazil

.....

Head of CBP

VVUU
RISK ANALYSIS
TESTING
CERTIFICATION

VVUÚ, a.s.
Pikartská 1337/7, 716 00 Ostrava-Radvanice
The Czech Republic

Testing Laboratory No. 1025
accredited by CAI according to ČSN EN ISO/IEC 17025:2018

L 1025

TEST REPORT

No. A10093-10-26

Date of Issue: August 4, 2026
Place of Issue: Ostrava-Radvanice

Phone: 596 252 347, 322
E-mail: zdebskij@vvuu.cz
ficnerm@vvuu.cz

Subject of Testing:	Low stretch kernmantel rope
Customer:	VVUÚ, a.s., COV No. 3076, Pikartská 1337/7, 716 07 Ostrava – Radvanice
Order / Contract No.:	VZL/2026/437 dated July 9, 2026
Sample:	Rope, type XD-S9801105, XD-S980111, (No. Samples: 10833)
Data provided by Customer:	Product name
Date of Delivery:	July 13, 2026 and July 26, 2026
Sample Receiving:	Submitted by the customer
Place of Testing:	Premises of Testing Laboratory at VVUÚ, a.s., building „B“

ZKUŠEBNÍ LABORATOŘ VVUÚ, a.s. AKREDITOVANÁ Č. 1025 VVUU

Checked by:

Marián Ficner

.....

Approved by:

Ing. Jakub Zdebski

.....

Head of Testing Laboratory at VVUÚ, a.s.

Test Report Contents: Page (s): 5
Annex Page (s): 1

The test result is applicable to the tested sample only. The laboratory is not responsible for the data provided by the customer. The results apply to the sample as received. Without written agreement of the Testing Laboratory the Test Report may be reproduced in full only.
* Test results delivered by accredited subcontractor.
** Tests outside of the accreditation.

VVUÚ, a.s.
Pikartská 1337/7, 716 00 Ostrava-Radvanice
The Czech Republic

Testing Laboratory No. 1025
accredited by CAI according to ČSN EN ISO/IEC 17025:2018

L 1025

Test Report No. A10093-10-26

Test Procedure: Determination of diameter, determination of knotability, sheath slippage test, static elongation test, shrinkage test, determination of mass per unit length, static strength test, fall arrest peak force test and dynamic performance test.

Method: PP-03.10.64 (ČSN EN 1891, cl. 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9.4, 5.9.5, 5.10)

Date of Test: July 31, 2026 and August 3, 2026

Climatic Conditions:

pressure	98,3 and 98,3	kPa
temperature	27 and 27	°C
humidity	49 and 64	%

Applied Testing and Measuring Equipment:
Digital caliper MITUTOYO, type 500-16U, serial number: 14265
5 m steel tape measure OBI, metrological number: 4000
Testing mass 10 kg, identification number: 41
Testing mass 1 kg, identification number: 3080
Checking thorn, identification number: 3070
Equipment for testing sheath slippage, metrological number: Z10/03
Testing machine TIRAtest, type FP-100/1, serial number: 26/83
Testing machine LabTech 6.100.1.30, AST, typ KAF, serial number: 2200215
Testing hydraulic cylinder, metrological number: 4005
Sensor of static test load AST, type KAP-S, serial number: 1005458
Drop tower, serial number: Z10/01
Testing mass 100 kg, metrological number: 4003
Gravimetric sensor APEOM
Digital weighing-machine SARTORIUS, serial number: 37030156

Sample Preparation: conditioning according to ČSN EN 1891, art. 5.2

Test Result: <u>**Rope, type XD-S9801105**</u>

PP-03.10.64 (ČSN EN 1891: 2000)	**Requirements**	**The values found**	**Test results**
5.3 Rope diameter *D*	min. 8,5 mm max. 16 mm	10,4 mm – 10,7 mm 10,4 mm – 10,7 mm 10,4 mm – 10,8 mm	10,6 mm U = 0,1 mm
5.4 Knotability *K*	< 1,2	12,0 mm ; 11,5 mm	K= 1,1 U = 0,3 mm
5.5 Sheath slippage S_s			
type A: Ø up to 12 mm	max. 20 mm + 10 (10,9 - 9 mm)	0 mm	0,0 % U = 0,3 mm
type A: Ø 12,1 – 16 mm	max. 20 mm + 5 (*D* – 12 mm)	/	/
type B	max. 15 mm	/	/

Test Report No. A10093-10-26

PP-03.10.64 (ČSN EN 1891: 2000)	Requirements	The values found	Test results
5.6 Elongation *E*	max. 5 %	1048 mm	4,8 % U = 2 mm
5.7 Shrinkage *R*	not defined.	982 mm	-1,8 % U = 2 mm
5.8 Mass per unit length *M*	Not defined.	/	73 g/m U = 0,1 g/m
Core material *C*	Min. 43 %	47 g/m	64 % U = 0,1 g/m
Sheath material S_p	Min. 34 %	26 g/m	36 % U = 0,1 g/m
5.9 Dynamic tests			
5.9.4 Fall arrest peak force test *F*	max. 6 kN	4,769 kN	sample with knots 4,8 kN U = 0,220 kN
5.9.5 Dynamic performance test	min. 5 drops	/	sample with knots 30 drops – without destruction
5.10 Static strength test of terminations			
without terminations: type A	min. 22 kN	/	27,1 kN U = 813 N
without terminations: type B	min. 18 kN	/	/
with terminations: type A	15 kN, applied for 3 min., force sustained.	/	Sample with knots 15 kN applied for 3 min. force sustained 16,8 kN – destruction U = 813 N
with terminations: type B	12 kN, applied for 3 min., force sustained.	/	/

Test Result: Rope, type XD-S980111

PP-03.10.64 (ČSN EN 1891: 2000)	Requirements	The values found	Test results
5.3 Rope diameter *D*	min. 8,5 mm max. 16 mm	11,0 mm – 10,9 mm 11,0 mm – 11,0 mm 10,9 mm – 11,0 mm	11,0 mm U = 0,1 mm
5.4 Knotability *K*	< 1,2	10,0 mm ; 9,5 mm	K= 0,9 U = 0,3 mm
5.5 Sheath slippage S_s			
type A: Ø up to 12 mm	max. 20 mm + 10 (10,9 - 9 mm)	0 mm	0,0 % U = 0,3 mm
type A: Ø 12,1 – 16 mm	max. 20 mm + 5 (*D* – 12 mm)	/	/
type B	max. 15 mm	/	/
5.6 Elongation *E*	max. 5 %	1047 mm	4,7 % U = 2 mm
5.7 Shrinkage *R*	not defined.	975 mm	-2,5 % U = 2 mm
5.8 Mass per unit length *M*	Not defined.	/	75 g/m U = 0,1 g/m
Core material *C*	Min. 40 %	49 g/m	65 % U = 0,1 g/m
Sheath material S_p	Min. 33 %	26 g/m	35 % U = 0,1 g/m
5.9 Dynamic tests			
5.9.4 Fall arrest peak force test *F*	max. 6 kN	4,769 kN	sample with knots 4,8 kN U = 0,220 kN
5.9.5 Dynamic performance test	min. 5 drops	/	sample with knots 30 drops – without destruction
5.10 Static strength test of terminations			

Test Report No. A10093-10-26

PP-03.10.64 (ČSN EN 1891: 2000)	Requirements	The values found	Test results
without terminations: type A	min. 22 kN	/	29,9 kN U = 813 N
without terminations: type B	min. 18 kN	/	/
with terminations: type A	15 kN, applied for 3 min., force sustained.	/	Sample with knots 15 kN applied for 3 min. force sustained 18,4 kN – destruction U = 813 N
with terminations: type B	12 kN, applied for 3 min., force sustained.	/	/

Note:

- the stated uncertainty is standard extended uncertainty that was calculated with an extension coefficient 2, which corresponds to a level of reliability of approximately 95 %.
- „/“ - it is not relevant or it was not a subject of the tests.

Tested by: Marián Ficner

.....

End of the Test Report

Test Report No. A10093-10-26
Annex No. 1

Rope, type XD-S9801105



Rope, type XD-S980111

