

**The Appendix is an integral part of
Certificate of Accreditation No.: 531/2021 of 19/10/2021**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

SINTEX, a. s.

Testing Laboratory for Textile Materials
Moravská 1078, 560 02 Česká Třebová

Tests:

| Ordinal number ¹ | Test procedure/ method name | Test procedure/ method identification ² | Tested object |
|-----------------------------|--|---|---------------------------|
| 1 | Determination of material irregularity of strands, roving and yarns | ČSN 80 0706 | Strands, roving and yarns |
| 2 | Determination of linear density of staple – gravimetric method | ČSN EN ISO 1973 | Staple |
| 3 | Determination of the length of fibres by measuring the length of individual fibres | ZP-LM/3 (ČSN 80 0206:1986) | Fibres |
| 4 | Determination of tensile strength and elongation at break of individual fibres | ČSN EN ISO 5079 | Fibres |
| 5 | Determination of loop breaking force and elongation at break | ZP-LM/5 (ČSN 80 0207:1989) | Fibres |
| 6 | Determination of the change in length (shrinkage) of fibres after heat treatment | ČSN 80 0535 | Fibres |
| 7 | Reserved | | |
| 8 | Determination of linear density of yarn | ČSN EN ISO 2060 | Yarns |
| 9 | Determination of twist in yarns | ČSN EN ISO 2061 ZP-LM/9 (ČSN 80 0701:1997) | Yarns |
| 10 | Determination of single – end breaking force and elongation at break | ČSN EN ISO 2062 | Yarns |
| 11 | Determination of thread appearance | ZP-LM/11 (ČSN 80 0704:1973) | Thread |
| 12 | Determination of thread shrinkage | PN 251-02-76 TZÚ Brno except art. 11 p. e, f | Thread |
| 13 | Determination of shrinkage of yarn from continuous fibres at the boil | ZP-LM/13 (ČSN 80 2530:1981, ČSN 80 1403:1981) | Yarns |

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|-----------------------------|---|--|-----------------|
| 14 | Determination of shrinkage (KK contraction) of no-torque yarns from continuous fibres | ZP-LM/14 (ČSN 80 2530:1981 art. 41, ČSN 80 1403:1981 art. 33) | Yarns |
| 15 | Determination of density of filament twist – air whirled yarns from continuous fibres | ZP-LM/15 (ČSN 80 2530:1981 art. 56) | Yarns |
| 16 | Determination of width of fabrics | ČSN EN 1773 | Textiles |
| 17 | Determination of mass per unit area of fabrics | ČSN EN 12127 | Textiles |
| 18 | Determination of number of threads per unit length of fabrics | ČSN EN 1049-2 method A, B | Textiles |
| 19 | Determination of dimensional change of fabrics in washing and drying | ČSN EN ISO 5077 ČSN EN ISO 3759 ZP-LM/19 (ČSN EN ISO 6330:2012) | Textiles |
| 20 | Determination of the permeability of fabrics to air | ČSN EN ISO 9237 | Textiles |
| 21 | Determination of tensile strength and elongation of fabrics | ČSN EN ISO 13934-1 ČSN EN 29073-3 | Textiles |
| 22 | Determination of tear force and elongation of knitted fabrics | ZP-LM/22 (ČSN 80 0810:1984) | Knitted fabrics |
| 23 | Determination of tear force of fabrics | ČSN EN ISO 13937-2 ČSN EN ISO 13937-3 | Textiles |
| 24 | Reserved | | |
| 25 | Reserved | | |
| 26 | Reserved | | |
| 27 | Determination of thickness of textiles and textile products | ČSN EN ISO 5084 | Textiles |

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|-----------------------------|--|---|---|
| 28 | Determination of fabric propensity to surface pilling, fuzzing or matting – Modified Martindale method | ČSN EN ISO 12945-2 ČSN EN ISO 12945-4 | Textiles |
| 29 | Determination of the abrasion resistance of fabrics by the Martindale method - Determination of specimen breakdown | ČSN EN ISO 12947-2 | Textiles |
| 30 | Determination of skew of fabrics, piece products and clothing | ČSN 80 0865 | Textiles |
| 31 | Determination of the recovery from creasing of fabrics | ČSN EN 22313 | Textiles |
| 32 | Determination of resistance to surface wetting of fabrics (Spray-test) | ČSN EN ISO 4920 | Textiles |
| 33 | Determination of dimensions and appearance of piece products | ZP-LM/33 (ČSN 80 0864 :1981) ČSN 80 7040 ČSN 80 5003 | Textiles |
| 34 | Determination of weight | ZP-LM/34 (ČSN 80 0863 :1992) | Textiles |
| 35 | Determination of electric resistance | ČSN 80 0059 | Textiles |
| 36 | Determination of surface resistivity | ČSN EN 1149-1 ČSN EN 61340-2-3 ed. 2, art. 8.4.1, art. 9.1 IEC 61340-2-3 ed. 2.0, art. 8.4.1., art. 9.1 | Textiles, solid electrical insulating materials |
| 37 | Determination of the electrical resistance through a material | ČSN EN 1149-2 ČSN EN 61340-2-3 ed. 2, art. 8.4.2, art. 9.2 IEC 61340-2-3 ed. 2.0, art. 8.4.2, art. 9.2 | Textiles, solid electrical insulating materials |

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|-----------------------------|--|--|---|
| 38 | Determination of resistance between two points | ČSN EN 61340-4-9 art. 6.3.2.1, art. 6.3.2.3, IEC 61340-4-9 ed. 2.0, art. 6.3.2.1, art. 6.3.2.3, ČSN EN 61340-4-1, art. 9.2, ČSN EN 61340-2-3 ed. 2, art. 8.4.4 IEC 61340-2-3 ed. 2.0, art. 8.4.4 ANSI/ESD STM 2.1, | Textiles, solid electrical insulating materials |
| 39 | Determination of ability of textiles to dissipate static electric charge, Measurement of drop of charge applied on the fabric surface by corona discharge | ČSN EN 61340-2-1 ed. 2, art. 5.2 | Textiles, solid electrical insulating materials |
| 40 | Measurement of charge decay by triboelectric charging method | ČSN EN 1149-3, method 1 | Textiles, solid electrical insulating materials |
| 41 | Measurement of charge decay by induction charging method | ČSN EN 1149-3, method 2 | Textiles, solid electrical insulating materials |
| 42 | Determination of free and hydrolyzed formaldehyde – water extraction method – by spectrophotometry | ČSN EN ISO 14184-1 | Textiles |
| 43 | Determination of pH of aqueous extract | ČSN EN ISO 3071 | Textiles |
| 44 | Determination of material resistance to sweat and saliva | MoH CR Reg. No. 84/2001 Coll. Annex No. 10 STN 80 0055 art. 4.9.4 | Textiles |
| 45 | Testing of colour fastness to perspiration | ČSN EN ISO 105-E04 | Textiles |
| 46 | Testing for colour fastness to rubbing in dry and wet conditions | ČSN EN ISO 105-X12 | Textiles |

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|-----------------------------|---|--|---------------|
| 47 | Testing for colour fastness to water | ČSN EN ISO 105-E01 | Textiles |
| 48 | Testing for colour fastness to domestic and commercial laundering | ČSN EN ISO 105-C06 | Textiles |
| 49 | Testing for colour fastness to washing | ČSN EN ISO 105-C10 | Textiles |
| 50 | Testing for colour fastness to hot pressing | ČSN EN ISO 105-X11 | Textiles |
| 51 | Testing of colour fastness to dry cleaning | ČSN EN ISO 105-D01 | Textiles |
| 52 | Testing of colour fastness to sea water | ČSN EN ISO 105-E02 | Textiles |
| 53 | Assessment of colour fastness - change of colour acc. to grey scale | ČSN EN 20105-A02 | Textiles |
| 54 | Assessment of colour fastness - staining acc. to grey scale | ČSN EN ISO 105-A03 | Textiles |
| 55 | Determination of material composition | Regulation (EU) No. 1007/2011 of the European Parliament and of the Council, Annex VIII, except method No. 5,12,16 | Textiles |
| 56 | Determination of preparation | ČSN 80 0523 | Textiles |
| 57 | Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test) | ČSN EN ISO 11092 | Textiles |

¹ Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

² If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes).

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Explanations:

ZP-LM/xx = Internal Testing Procedure of the Testing Laboratory for Textile Materials,
based on valid or invalid standards

PN = Company Standard

MoH = Ministry of Health

ANSI = US standard Testing Laboratory for Textile Materials