

**The Appendix is an integral part of  
Certificate of Accreditation No.: 568/2022 of 1. 12. 2022**

**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 <sup>1</sup>	Test procedure/ method name	Test procedure/ method identification <sup>2</sup>	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	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	ČSN 80 0207:1989	Fibres
6	Determination of the change in length (shrinkage) of fibres after heat treatment	ČSN 80 0535	Fibres
7	Determination of linear density of yarn	ČSN EN ISO 2060	Yarns
8	Determination of twist in yarns	ČSN EN ISO 2061 ČSN 80 0701:1985 Indirect method with tensioner	Yarns
9	Determination of single – end breaking force and elongation at break	ČSN EN ISO 2062	Yarns
10	Determination of thread appearance	ČSN 80 0704:1973	Thread
11	Determination of thread shrinkage	PN 251-02-76 TZÚ Brno except art. 11 p. e, f	Thread
12	Determination of shrinkage of yarn from continuous fibres at the boil	ČSN 80 2530:1981, Art. 52 to 53 ČSN 80 1403:1981 Art. 29 to 31	Yarns

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13	Determination of shrinkage (KK contraction) of no-torque yarns from continuous fibres	ČSN 80 2530:1981, art. 41 to art.46 ČSN 80 1403:1981, art. 33 to art. 41	Yarns
14	Determination of density of filament twist – air whirled yarns from continuous fibres	ZP-LM/14 ČSN 80 2530:1981 art. 56 to art. 58	Yarns
15	Determination of width of fabrics	ČSN EN 1773	Textiles
16	Determination of mass per unit area of fabrics	ČSN EN 12127	Textiles
17	Determination of number of threads per unit length of fabrics	ČSN EN 1049-2 method A, B	Textiles
18	Determination of dimensional change of fabrics in washing and drying	ČSN EN ISO 5077 ČSN EN ISO 3759 ZP-LM/18 ČSN EN ISO 6330	Textiles
19	Determination of the permeability of fabrics to air	ČSN EN ISO 9237	Textiles
20	Determination of tensile strength and elongation of fabrics	ČSN EN ISO 13934-1 ČSN EN 29073-3	Textiles
21	Determination of tear force and elongation of knitted fabrics	ZP-LM/22 (ČSN 80 0810:1984)	Knitted fabrics
22	Determination of tear force of fabrics	ČSN EN ISO 13937-2 ČSN EN ISO 13937-3	Textiles
23	Measurement of thermal and water-vapour resistance under steady-state conditions (sweating guarded-hotplate test)	ČSN EN ISO 11092	Textiles
24	Determination of thickness of textiles and textile products	ČSN EN ISO 5084	Textiles

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25	Determination of fabric propensity to surface pilling, fuzzing or matting – Modified Martindale method	ČSN EN ISO 12945-2 ČSN EN ISO 12945-4	Textiles
26	Determination of the abrasion resistance of fabrics by the Martindale method - Determination of specimen breakdown	ČSN EN ISO 12947-2	Textiles
27	Determination of skew of fabrics, piece products and clothing	ČSN 80 0865	Textiles
28	Determination of the recovery from creasing of fabrics Horizontally folded specimen method	ČSN EN 2313-1	Textiles
29	Determination of resistance to surface wetting of fabrics (Spray-test)	ČSN EN ISO 4920	Textiles
30	Determination of dimensions and appearance of piece products	ČSN 80 0864 :1981 ČSN 80 7040 ČSN 80 5003	Textiles
31	Determination of weight	ČSN 80 0863 :1992	Textiles
32	Determination of electric resistance	ČSN 80 0059	Textiles
33	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
34	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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Ordinal number <sup>1</sup>	Test procedure/ method name	Test procedure/ method identification <sup>2</sup>	Tested object
35	Determination of resistance between two points	ČSN EN 61340-4-9 IEC 61340-4-9 ed. 2.0, 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
36	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
37	Measurement of charge decay by triboelectric charging method	ČSN EN 1149-3, method 1	Textiles, solid electrical insulating materials
38	Measurement of charge decay by induction charging method	ČSN EN 1149-3, method 2	Textiles, solid electrical insulating materials
39	Determination of free and hydrolyzed formaldehyde – water extraction method – by spectrophotometry	ČSN EN ISO 14184-1	Textiles
40	Determination of pH of aqueous extract	ČSN EN ISO 3071	Textiles
41	Determination of material resistance to sweat and saliva	Reg. No. 84/2001 Coll. Annex No. 10 STN 80 0055 art. 4.9.4	Textiles
42	Testing of colour fastness to perspiration	ČSN EN ISO 105-E04	Textiles
43	Testing for colour fastness to rubbing in dry and wet conditions	ČSN EN ISO 105-X12	Textiles
44	Testing for colour fastness to water	ČSN EN ISO 105-E01	Textiles

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Ordinal number <sup>1</sup>	Test procedure/ method name	Test procedure/ method identification <sup>2</sup>	Tested object
45	Testing for colour fastness to domestic and commercial laundering	ČSN EN ISO 105-C06	Textiles
46	Testing for colour fastness to washing	ČSN EN ISO 105-C10	Textiles
47	Testing for colour fastness to hot pressing	ČSN EN ISO 105-X11	Textiles
48	Testing of colour fastness to dry cleaning	ČSN EN ISO 105-D01	Textiles
49	Testing of colour fastness to sea water	ČSN EN ISO 105-E02	Textiles
50	Assessment of colour fastness - change of colour acc. to grey scale	ČSN EN 20105-A02	Textiles
51	Assessment of colour fastness - staining acc. to grey scale	ČSN EN ISO 105-A03	Textiles
52	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
53	Determination of preparation	ČSN 80 0523	Textiles

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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)

Explanations:

ZP-LM/xx = Internal Testing Procedure of the Laboratory

PN = Company Standard

ANSI = US standard Testing Laboratory for Textile Materials