



ORDER

№ A 697

Sofia, 08.12.2022

Pursuant to Art. 10, para. 1, item 2 and Art. 20 para. 6 of the Law on National Accreditation of Conformity Assessment Bodies, item 4 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 500-ЛИ/18.11.2021, assessment reports reg. № 500-ЛИ/5/В/13.05.2022, annex reg. № 500-ЛИ/11/В/20.07.2022, Statement of the Accreditation Commission reg. № 500-ЛИ/12/В/14.10.2022, letter ref. № 500-ЛИ/13/Е/27.10.2022, and declaration ref. № 500-ЛИ/14/Е/27.10.2022, I hereby

ACCREDIT

Leathertex Ltd.
Testing Laboratory Leathertex

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To perform testing of:

Type of the scope: <i>flexible for part of the scope</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
1.	Leather and leather products and their components - (counters, stiffeners, heel cushions, insoles, inserts, soles, accessories). Shoes made of leather, textile, coated textile and polymer materials		
1.1	(1) Leather (2) Shoes (3) Safety, protective and work shoes (4) Clothing	1.1.1 Thickness	БДС EN ISO 2589
		1.1.2 Tear resistance (tear strength)	БДС EN ISO 3377-1 БДС EN ISO 3377-2, (2,3) БДС EN ISO 17696, (2)
		1.1.3 Tensile strength	БДС EN ISO 3376
		1.1.4 Breaking strength	БДС EN ISO 3376
		1.1.5 Elongation at break	БДС EN ISO 3376
		1.1.6 Elongation at a given force (tension)	БДС EN ISO 3376

Type of the scope: flexible for part of the scope

№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		1.1.7 Residual elongation	БДС EN ISO 17236
		1.1.8 Flexing resistance using a flexometer	БДС EN ISO 5402-1, (1,2) БДС EN ISO 17694, (2)
		1.1.9 Flexing resistance of the vamp	БДС EN ISO 5402-2, (1,2)
		1.1.10 Resistance to damage at lasting	БДС EN ISO 17693
		1.1.11 Stitch tear resistance	БДС EN ISO 23910
		1.1.12 Upper/sole bond strength	БДС EN ISO 20344, cl. 5.2, (2), (3) БДС EN ISO 17708, (2)
		1.1.13 Sole strength by the sewing method	БДС 10446, method 2
		1.1.14 Seam strength	БДС EN ISO 17697, Method B, (2,3) БДС EN 13594, Attachment B (4)
		1.1.15 Sizes (of clothing)	БДС EN ISO 8559-1 БДС EN ISO 8559-2
		1.1.16 Water vapour permeability	БДС EN ISO 20344, cl. 6.6, (1,2,3,4) БДС EN ISO 14268, (1,2,3,4)
		1.1.17 Water vapour absorption	БДС EN ISO 17229 БДС EN ISO 20344, cl. 6.7
		1.1.18 Penetration time of the first drop	БДС EN ISO 5403-1, (1) БДС EN ISO 17702, (2) БДС EN ISO 5404, (1)
		1.1.19 Water permeability	БДС EN ISO 17702, (2) БДС EN ISO 20344, cl. 6.13, (1,2,3,4) БДС EN ISO 5404, (1) БДС EN ISO 5403-1, (1)
		1.1.20 Water absorption	БДС EN ISO 17702, (2) БДС EN ISO 20344, cl. 6.13, (1,2,3,4) БДС EN ISO 5404, (1) БДС EN ISO 5403-1, (1)
		1.1.21 Water permeability of the whole shoe in dynamic conditions	БДС EN ISO 20344, cl. 5.19
		1.1.22 Identification of leathers by a microscope	БДС EN ISO 17131
		1.1.23 Water repellence of	БДС EN ISO 17231

Type of the scope: flexible for part of the scope

№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		leather for clothing	
		1.1.24 Determination of water penetration pressure	БДС EN ISO 17230
		1.1.25 Volatile substances content	БДС EN ISO 4684
		1.1.26 Dichloromethane extractable substances	БДС EN ISO 4048, cl. 8.2
		1.1.27 pH of water extract	БДС EN ISO 4045 БДС EN ISO 20344; cl. 6.9
		1.1.28 Chromium content (VI)	БДС EN ISO 17075-1
		1.1.29 Formaldehyde content	БДС EN ISO 17226-2
		1.1.30 Colour fastness to friction at rotating friction	БДС EN ISO 17700 Method B
		1.1.31 Colour fastness at reciprocating friction	БДС EN ISO 11640, (1) БДС EN ISO 17700 Method A, (2) БДС EN ISO 17700 Method C, (2)
		1.1.32 Colour fastness to sweat	БДС EN ISO 11641, (1) БДС EN ISO 17700 Method D, (2)
		1.1.33 Colour fastness to water	БДС EN ISO 11642
		1.1.34 Colour fastness to water drops	БДС EN ISO 15700
		1.1.35 Colour fastness to artificial light- xenon arc lamp	БДС EN ISO 105-B02
		1.1.36 Colour features -Colour coordinates -CIELAB values, L*, a*, b*, C*ab, hab -Values for ΔL^* , Δa^* , Δb^* , ΔC^*ab , ΔH_{ab} , ΔE_{ab}	БДС EN ISO 22700
	Leathers	1.1.37 Surface coating thickness	БДС EN ISO 17186
	Shoes	1.1.38 Foot dimensions (length, width and girth of the foot at the instep (circumference of the toes) to determine footwear size in accordance with the Mondopoint sizing and marking system	БДС ISO 9407, cl. 3.3, 3.4 and cl. 3.5
		1.1.39 Last sizes - length of the insole surface of	СД ISO/TS 19408 БДС 14800

Type of the scope: <i>flexible for part of the scope</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		the last - width of the insole surface of the last in the joint area - circumference joint girth of the of the last (toe circumference) - instep circumference	
		1.1.40 Correspondence of sizes according to Mondopoint, French and European system	VLM 03:2021 СД ISO/TS 19407
		1.1.41 Footwear mass	VLM 04:2021
1.2	Thermoplastic toe caps and counters	1.2.1 Tensile strength	БДС 13784
		1.2.2 Elongation at breaking	БДС 13784
		1.2.3 Thickness	БДС EN ISO 2286-3
1.3	Soles, materials for soles and intermediate parts, shoes made of polymers	1.3.1 Density	БДС ISO 2781, method A
		1.3.2 Abrasion resistance	БДС ISO 4649, method A БДС EN 12770 БДС EN ISO 20344, cl. 8.4
		1.3.3 Flex resistance of shoe upper (rubber or polymer) - rubber shoe upper - polymer shoe upper	БДС EN ISO 20344, cl. 6.5.2.2 БДС ISO 4643, Attachment B
		1.3.4 Flex resistance (cut growth)	БДС EN ISO 20344, cl. 8.6 БДС EN ISO 17707, cl. 7
		1.3.5 Stiffness of the sole	БДС EN ISO 17707, cl. 6
		1.3.6 Tread surface	БДС EN ISO 20344, cl. 8.2.2
		1.3.7 Thickness of sole	БДС EN ISO 20344, cl. 8.2.3
		1.3.8 Tread height	БДС EN ISO 20344, cl. 8.2.3
		1.3.9 Tread construction in the chamber area	БДС EN ISO 20344, cl. 8.2.4
		1.3.10 Thickness	БДС ISO 23529, cl. 9.1, Method A
		1.3.11 Tensile strength	БДС ISO 37
		1.3.12 Breaking strength	БДС ISO 37 БДС EN ISO 20344, cl. 6.4.2.2
		1.3.13 Elongation at breaking	БДС ISO 37
		1.3.14 Force (stress, modulus) at a given elongation	БДС EN ISO 20344, cl. 6.4.2 БДС ISO 37 БДС ISO 4643
		1.3.15 Resistance (strength) to tearing	БДС EN ISO 20344, cl. 8.3 БДС ISO 34-1, Method A

Type of the scope: <i>flexible for part of the scope</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		1.3.16 Shore A hardness	БДС ISO 48-4
		1.3.17 Resistance to hydrolysis of shoe upper	ISO 5423, Attachment B and Attachment E
		1.3.18 Resistance to hydrolysis of the outsole	ISO 5423, Attachment C and Attachment E
		1.3.19 Resistance to liquids action	БДС ISO 1817 cl. 8.2 and cl. 8.3
1.4	Materials for insoles insocks, stiffeners	1.4.1 Water absorption	БДС EN ISO 20344, cl. 7.2 БДС EN ISO 22649
		1.4.2 Water desorption	БДС EN ISO 20344, cl. 7.2 БДС EN ISO 22649
		1.4.3 Abrasion resistance	БДС EN ISO 20344, cl. 7.3
		1.4.4 Thickness	БДС EN ISO 2589 БДС EN ISO 2286-3 БДС EN ISO 20344, cl. 7.1
		1.4.5 Dimensional changes	БДС EN 12800
		1.4.6. Residual deformation	БДС EN ISO 17236
2.	Textile materials - woven, non-woven, knitted, rubber and plastic coated textiles, textile products and coated textiles and their components - shoes, clothing, haberdashery, shoelaces, zippers accessories, trimmings thread materials - threads, shoelaces, yarns, etc.		
2.1	Textile materials and textile products	2.1.1. Plain weave, twill weave, atlas	БДС 12674
		2.1.2. Number of threads per unit length warp/weft	БДС EN 1049-2, Method A and method B
		2.1.3 (Total) Mass per unit area woven textile non-woven textile coated textile	БДС EN 12127 БДС EN 29073-1 БДС EN ISO 2286-2, cl. 3
		2.1.4 Resistance (force, strength) to tearing	БДС EN ISO 13937-2 БДС EN ISO 13937-4 БДС EN ISO 4674-1, Method A and Method B БДС EN ISO 20344, cl. 6.3
		2.1.5 Tear strength by ballistic pendulum method	БДС EN ISO 13937-1 БДС EN ISO 4674-2
		2.1.6 Tear strength by trapezoidal procedure	БДС EN ISO 9073-4
		2.1.7 Breaking strength	БДС EN ISO 13934-1 БДС EN ISO 1421, Method 1
		2.1.8 Elongation at break	БДС EN ISO 13934-1 БДС EN ISO 1421, Method 1
		2.1.9 Maximum breaking	БДС EN ISO 13935-1

Type of the scope: *flexible for part of the scope*

№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		strength of seam using the Strip method	
		2.1.10 Tear strength (force) of the seam (in the direction of the seam and perpendicular to the seam)	БДС 13307, cl. 3.2
		2.1.11 Tensility of breaking the seam in the direction of the seam, %	БДС 13307, cl. 3.2
		2.1.12 Hydraulic method for determining crack strength and crack swelling	БДС EN ISO 13938-1
		2.1.13 Ball bursting strength (knitted fabrics) (coated textile)	БДС 9585 БДС EN ISO 3303-1
		2.1.14 Thickness	БДС EN ISO 2286-3 БДС EN ISO 5084
		2.1.15 Angle of recovery after crushing Base: face/face, reverse/reverse Weft: face/face, reverse/reverse	БДС EN ISO 2313-1
		2.1.16 Abrasion resistance under Martindale method. Destruction of sample	БДС EN ISO 12947-2
		2.1.17 Abrasion resistance under Martindale method. Mass loss	БДС EN ISO 12947-3
		2.1.18 Abrasion resistance under Martindale method. Evaluation of change in appearance	БДС EN ISO 12947-4
		2.1.19 Abrasion resistance	БДС EN ISO 20344, cl. 6.12
		2.1.20 Resistance to peeling formation	БДС EN ISO 12945-2
		2.1.21 Resistance to water penetration	БДС EN ISO 811
		2.1.22 Resistance to surface wetting	БДС EN ISO 4920
		2.1.23 Air permeability	БДС EN ISO 9237
		2.1.24 Resistance to heat transfer in constant mode (thermal insulation), R_{ct}	БДС EN ISO 11092
		2.1.25 Resistance to vapour	БДС EN ISO 11092

Type of the scope: <i>flexible for part of the scope</i>			
Nº	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		transfer in constant mode (resistance to water vapour), R_{ct}	
		2.1.26 Coefficient of water vapour permeability	БДС EN ISO 11092
		2.1.27 Change in dimensions at washing and drying	БДС EN ISO 3759 БДС EN ISO 5077 БДС EN ISO 6330
		2.1.28 Resistance to delamination during repeated washing and drying, visual evaluation	VLM 01:2021 БДС EN ISO 6330
		2.1.29. Hygroscopicity moisture absorption moisture release	БДС 12006
		2.1.30 Sizes (of clothing)	БДС EN ISO 8559-1 БДС EN ISO 8559-2 БДС EN ISO 13402-3
		2.1.31. Width and length	БДС EN 1773
		2.1.32 Mass of ready-to-wear	VLM 02:2021
		2.1.33 Mass of a pair of socks	БДС 5512, cl. 2.1
		2.1.34 Linear dimensions	БДС 5512, cl. 2.2
		2.1.35 Change of dimensions after washing	БДС 5512, cl. 2.8
		2.1.36 Flex resistance using flexometer	БДС EN ISO 32100
2.2	Threaded textile materials (yarns, threads, cords, laces)	2.2.1 Linear density (mass per unit length)	БДС EN ISO 2060
		2.2.2. Twist	БДС EN ISO 2061
		2.2.3 Breaking strength	БДС EN ISO 2062
		2.2.4. Extensibility at break	БДС EN ISO 2062
		2.2.5 Direction of twist	БДС 17281
2.3	Zippers	2.3.1 Lateral strength of slide fastener	БДС EN 16732 Attachment G
		2.3.2 Strength of top stop	БДС EN 16732 Attachment D
		2.3.3 Lateral strength of opened end attachment	БДС EN 16732 Attachment H
		2.3.4 Strength of slider locking device	БДС EN 16732, Attachment I БДС EN ISO 10748
		2.3.5 Strength of puller attachment	БДС EN 16732, Attachment B
		2.3.6. Closed end strength	БДС EN 16732 Attachment C
		2.3.7. Resistance to	БДС EN 16732, Attachment F

Type of the scope: <i>flexible for part of the scope</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		reciprocating motion: Minimum number of cycles without failure	
2.4	Shoelaces Trimming	2.4.1. Abrasion resistance	БДС EN ISO 22774, Method 1
		2.4.2. Diameter	БДС 12315
		2.4.3 Strength and elongation to break	БДС 12315
		2.4.4. Linear mass	БДС 12315
2.5	Textile materials and textile products. Thread materials Trimmings. Quantitative composition, identification, colour fastness, chemical characteristics		
		2.5.1 Quantitative composition: Two-component mixtures of:	ONLTP*, Attachment № 5, section II and Regulation (EU) № 1007/2011, Chapter 2, Attachment VIII
		- some protein/some other fiber	Method № 2 БДС EN ISO 1833-4 (method with hypochlorite)
		-viscose, cupro, some types of modal/cotton	Method № 3 БДС EN ISO 1833-6 (method with formic acid and zinc chloride)
		- polyamide, nylon / some other fibers	Method 4 БДС EN ISO 1833-7 (formic acid method)
		-some cellulose fibres/some other fibres	Method 7 БДС EN ISO 1833-11 (method with sulphuric acid)
		- acrylics, some modacrylics, some chlorofibres / some other fibres	Method 8 БДС EN ISO 1833-12 (method with dimethylformamide)
		-some fibers (chlorofibre)Zsome other fibres;	Method 14 БДС EN ISO 1833-17 (concentrated sulphuric acid method)
		- polypropylene fibres/some other fibres	Method 13 БДС EN ISO 1833-16 (xylene method)
		Quantitative analysis of ternary fiber mixtures	ONLTP*, Attachment № 6, Methods based on Attachment 5, Section II; Regulation (EU) №

Type of the scope: flexible for part of the scope

№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
			1007/2011, Chapter 3, Methods based on Attachment VIII БДС EN ISO 1833-2
		2.5.2 Determining the type of fibers using a light microscope	БДС EN ISO 20705 СД CEN ISO/TR 11827, Attachment B БДС EN ISO 20706-1
		2.5.3 pH of aqueous extract	БДС EN ISO 3071
		2.5.4 Free formaldehyde content	БДС EN ISO 14184-1
		2.5.5 Colour colouring) fastness to washing	БДС EN ISO 105-C06
		colour change visual/instrumental evaluation	БДС EN 20105-A02/ БДС EN ISO 105-A05
		degree of soiling visual/instrumental evaluation	БДС EN ISO 105-A03/ БДС EN ISO, 105-A04
		2.5.6 Colour fastness (of discolorations) of dry cleaning	БДС EN ISO 105-D01
		- colour change visual/instrumental evaluation	БДС EN 20105-A02/ БДС EN ISO 105-A05
		- degree of soiling visual/instrumental evaluation	БДС EN ISO 105-A03/ БДС EN ISO 105-A04
		2.5.7 Colour (colouring) resistance to water	БДС EN ISO 105-E01
		- colour change visual/instrumental evaluation	БДС EN 20105-A02/ БДС EN ISO 105-A05
		- degree of soiling visual/instrumental evaluation	БДС EN ISO 105-A03/ БДС EN ISO 105-A04
		2.5.8 Colour resistance (of colouring) to sweat	БДС EN ISO 105-E04
		- colour change visual/instrumental evaluation	БДС EN 20105-A02/ БДС EN ISO 105-A05
		- degree of soiling visual/instrumental evaluation	БДС EN ISO 105-A03/ БДС EN ISO 105-A04
		2.5.9 Colour resistance (of colouring) of rubbing	БДС EN ISO 105-X12
		- colour change visual/instrumental evaluation	БДС EN 20105-A02/ БДС EN ISO 105-A05
		- degree of soiling visual/instrumental evaluation	БДС EN ISO 105-A03/ БДС EN ISO 105-A04
		2.5.10 Colour resistance (of	БДС EN ISO 105-X11

Type of the scope: <i>flexible for part of the scope</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		colouring) to hot ironing	
		- colour change visual/ instrumental evaluation	БДС EN 20105-A02/ БДС EN ISO 105-A05
		- degree of soiling visual/ instrumental evaluation	БДС EN ISO 105-A03/ БДС EN ISO 105-A04
		2.5.11 Colour resistance (of colouring) to artificial light xenon arc lamp	БДС EN ISO 105 B02
		2.5.12 Colour resistance (of colouring) to of hypochloride bleaching - colour change visual/ instrumental evaluation	БДС EN 20105-N01 БДС EN 20105-A02/ БДС EN ISO 105-A05
		2.5.13 Limited flame spread; - Flame spread (reaching the top edge or vertical edge of the test specimen) - Flaming or melting particles - After glow time - After flame time - Hole formation (number, sizes in individual layer or through layers) - Spread of glow behind the flame spread area into the undamaged area	БДС EN ISO 15025
		2.5.14 Average ignition time of vertical specimens surface/bottom ignition - minimum and average time	БДС EN ISO 6940 БДС EN 1625
		2.5.15 Flame spread time of vertically placed specimens when ignited on: surface / bottom edge - in length and/or width (first and third thread) Presence of flaming particles on vertically placed samples when ignited on: surface / bottom edge - in length and/or width Velocity of flame spread of vertically placed specimens when ignited on: surface / bottom edge - in length and/or width	БДС EN 1102
		2.5.16 Flame spread time of	БДС EN 1103

Type of the scope: <i>flexible for part of the scope</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		vertically placed specimens when ignited on: surface 1 bottom edge - in length and/or width (first and third marker thread) Presence of flaming particles on vertically placed samples when ignited on: surface / bottom edge - in length and/or width	
		2.5.17 Flame spread time of vertically placed specimens when ignited on: surface / bottom edge - time to break of first, second or third marker thread	БДС EN ISO 6941
		2.5.18 Colour coordinates (L*, a*, b*, CAB*, HAB) X, Y, Z; x, y, z)	BD SEN ISO 105-J01
		2.5.19 Degree of whiteness - instrumental method, Wio 2.5.20 Shade, Twio	БДС EN ISO 105-J02
		2.5.21 Brightness, ALcmc 2.5.22 Intensity, ACcmc 2.5.23 Tone, AHcmc 2.5.24 Difference in colour AEcmc 2.5.25 CIELAB VALUES, L*, a*, b*, C*ab, hab 2.5.26 Values for ΔL^* , Δa^* , Δb^* , ΔC^*ab , ΔHab , ΔEab	БДС EN ISO 105-J03
		2.5.27 Color difference according to "Pantone textile" catalog and other color standards	БДС EN 20105-A02 БДС EN ISO 105-A05
3	Small parts/ Accessories Safety of children's clothing (shoes)	3.1 Corrosion resistance	БДС EN ISO 22775, Method 2
		3.2 Cylinder for small parts	БДС EN 71-1, cl. 8.2
		3.3 Torsion test	БДС EN 71-1, cl. 8.3
		3.4 Tensile testing	БДС EN 71-1, cl. 8.4
		3.5 Safety of buttons fixing	CD CEN/TS 17394-2
		3.6 Security of mechanically fixed metal fasteners	CD CEN/TS 17394-3
		3.7 Security of fixing of constituent elements, excluding	CD CEN/TS 17394-4

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№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		buttons and metal mechanically fixed fasteners	
		3.8 Dimensions and general safety requirements for laces and cords for children	БДС EN 4682
4	Personal protective equipment. Safety, protective and work shoes, protective clothing and gloves made of leather, textile, synthetic materials or their combination		
4.1	Safety, protective and work shoes and their constituents	4.1.1 Specific ergonomic features	БДС EN ISO 20344, cl. 5.1
		4.1.2 Shoe upper/sole bonding strength	БДС EN ISO 20344, cl. 5.2
		4.1.3 Determining the dimensions of the safety or protective toe-cap	
		4.1.3.1 Determination of internal length	БДС EN ISO 20344, cl. 5.3.2.1 БДС EN ISO 22568-1, cl. 5.2.1 (metal toe-caps) БДС EN ISO 22568-2, cl. 5.2.1 (non-metal toe-caps)
		4.1.3.2 Determining the width of the flange	БДС EN ISO 20344, cl. 5.3.2.2 БДС EN ISO 22568-1, cl. 5.2.2 (metal toe-caps) БДС EN ISO 22568-2, cl.5.2.2 (non-metal toe-caps)
		4.1.4 Impact resistance	БДС EN ISO 20344, cl. 5.4 БДС EN ISO 22568-1, cl. 5.3 БДС EN ISO 22568-2, cl. 5.3
		4.1.5 Compression resistance	БДС EN ISO 20344, cl. 5.5 БДС EN ISO 22568-1, cl. 5.4 БДС EN ISO 22568-2, cl. 5.4
		4.1.6 Corrosion resistance	БДС EN ISO 20344, cl. 5.6.2.1 БДС EN ISO 22568-1, cl. 5.5
		4.1.7 Impact resistance after exposure to inimical environment (thermal and chemical)	БДС EN ISO 20344, cl. 5.6.2 БДС EN ISO 22568-2, cl. 5.5.2, 5.5.3, cl. 5.5.4
		4.1.8 Impermeability	БДС EN ISO 20344, cl. 5.7
	4.1.9 Sizes of puncture resistant inserts	БДС EN ISO 20344, cl. 5.8	

Type of the scope: *flexible for part of the scope*

№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		4.1.10 Puncture resistance (rigidity) of puncture-resistant metal inserts	БДС EN ISO 20344, cl. 5.9 БДС EN ISO 22568-3, cl. 5.1
		4.1.11 Puncture resistance (rigidity) of puncture-resistant non-metal inserts	БДС EN ISO 20344, cl. 5.10 БДС EN ISO 22568-4, cl. 5.1
		4.1.12 Corrosion resistance	БДС EN ISO 20344 cl. 5.6.2.1 БДС EN ISO 22568-3, cl. 5.3
		4.1.13 Resistance to aging and environmental impact	БДС EN ISO 22568-4, cl. 5.3.2, cl. 5.3.4, cl. 5.3.5
		4.1.14 Flexing resistance of punctureresistant inserts	БДС EN ISO 20344, cl. 5.12 БДС EN ISO 22568-3, cl. 5.2 БДС EN ISO 22568-4, cl. 5.2
		4.1.15 Electrical resistance	БДС EN ISO 20344, cl. 5.13
		4.1.16 Slip resistance	БДС EN ISO 20344, cl. 5.14
		4.1.17 Heat insulation	БДС EN ISO 20344, cl. 5.15
		4.1.18 Cold insulation	БДС EN ISO 20344, cl. 5.16
		4.1.19 Energy absorption of seat region	БДС EN ISO 20344, cl. 5.17
		4.1.20 Water permeability of whole footwear under dynamic conditions	БДС EN ISO 20344, cl. 5.19
		4.1.21 Determining dimensions for ankle protection	БДС EN ISO 20344, cl. 5.21
		4.1.22 Impact absorption of ankle protection materials included in the shoe upper	БДС EN ISO 20344, cl. 5.22
		4.1.23 Dimensions of the protective area for resistance to cutting	БДС EN ISO 20344, cl. 5.23.2
		4.1.24 Resistance to cutting	БДС EN ISO 20344, cl. 5.23.3
		4.1.25 Interlayer bond strength in multi-layer footings	БДС EN ISO 20344, cl. 5.2
		4.1.26 Scuff caps abrasion resistance	БДС EN ISO 20344, cl. 5.24.2
		4.1.27 Seam strength	БДС EN ISO 20344, cl. 5.25
		4.1.28 Thickness of shoe upper	БДС EN ISO 20344, cl. 6.1
		4.1.29 Height of shoe upper	БДС EN ISO 20344, cl. 6.2.2
		4.1.30 Determination of the surface of water vapour-	БДС EN ISO 20344, cl. 6.2.3

Type of the scope: flexible for part of the scope

№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		impermeable materials	
		4.1.31 Minimum height of the surface for which the requirements for the shoe upper are met	БДС EN ISO 20345, cl. 5.4.1 БДС EN ISO 20347, cl. 5.4.1
		4.1.32 Resistant to tearing of the shoe upper lining and/or tongue	БДС EN ISO 20344, cl. 6.3
		4.1.33 Tensile strength of upper material	БДС EN ISO 20344, cl. 6.4
		4.1.34 Water vapour permeability (upper material and lining)	БДС EN ISO 20344, cl. 6.6
		4.1.35 Water vapour absorption	БДС EN ISO 20344, cl. 6.7
		4.1.36 Coefficient of water vapour permeability	БДС EN ISO 20344, cl. 6.8
		4.1.37 Chromium content (VI)	БДС EN ISO 20344, cl. 6.11
		4.1.38 Abrasion resistance (of lining and insole)	БДС EN ISO 20344, cl. 6.12
		4.1.39 Stiffness of the shoe	БДС EN ISO 20344, cl. 8.5
		4.1.40 Resistance to the impact of liquids on the sole	БДС ISO 1817, cl. 8.3 БДС EN ISO 20344, cl. 8.8
		4.1.41 Resistance of the sole to hot contacts	БДС EN ISO 20344, cl. 8.9
		4.1.42 Flame resistance - afterflame time - afterglow time	БДС EN 15090, cl. 7.3 БДС EN ISO 15025
4.2	Protective gloves	4.2.1 Dimensions - gloves for welders	БДС EN ISO 21420, cl. 6.1 БДС EN 12477, cl. 3.2
		4.2.2 Determining finger mobility	БДС EN ISO 21420, cl. 6.2
		4.2.3 Resistance to water vapours - leather - water vapour permeability - textile- resistance to steam passing in constant mode	БДС EN ISO 14268 БДС EN ISO 11092
		4.2.4 Water vapour absorption	БДС EN ISO 20344, cl. 6.7
		4.2.5 Abrasion resistance	БДС EN 388+A1, cl. 6.1
		4.2.6 Cutting resistance	БДС EN 388+A1, cl. 6.2
		4.2.7 Tear resistance	БДС EN 388+A1, cl. 6.4
		4.2.8 Perforation resistance	БДС EN 388+A1, cl. 6.5
		4.2.9 Flame resistance -	БДС EN 407, cl. 6.3

Type of the scope: <i>flexible for part of the scope</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		afterflame time - afterglow time	БДС EN ISO 15025
4.3	Protective clothing	4.3.1 General requirements. Sizes	БДС EN ISO 13688, cl. 6 БДС EN ISO 13688/A1 БДС EN 13402-3
		4.3.2 Comfort testing and check of ergonomic features (practical test of features)	БДС EN ISO 13688, cl. 4.4 and attachment C
		4.3.3 Limited flame spread - Flame spread - Flaming particles - Afterglow time - Afterflame time - Hole formation - Remnant flame	БДС EN ISO 15025
		4.3.4 Specific surface resistance	БДС EN 1149-1
		4.3.5 Volume resistance	БДС EN 1149-2
		4.3.6 Design	БДС EN ISO 20471, cl. 4
		4.3.7 Colour coordinates	БДС EN ISO 20471, cl. 7.2
		4.3.8 Brightness factor	БДС EN ISO J 01

***Flexible scope:**

Implementing a new version of standards/documents or standards / documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by the laboratory.

Flexible scope references:

OLNTP	<i>Ordinance on the labelling and names of textile products (Decree of Council of OLNTP Ministers 114/2006, SG № 44/2006, amd. SG № 31/20.04.2012) - repealed but not replaced.</i>
Regulation (EU) № 1007/2011	<i>European Parliament and of the Council of 27.09.2011 on the textile fibers and the related labeling and marking of textile products with regard to their fiber composition.</i>

Fixed scope references:


VLM 01/19.07.2021	<i>Methodology for determining resistance to delamination in repeated washing and drying</i>
VLM 02/02.08.2021	<i>Mass of finished clothing</i>
VLM 03/09.08.2021	<i>Correspondence of sizes according to Mondopoint, Stich and European system</i>
VLM 04/16.08.2021	<i>Mass of footwear</i>

I ORDER

To issue the certificate of accreditation reg. № 298 ЛИ/08.12.2022, valid until 08.12.2026, and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager / representative of the Leathertex Ltd, the head of the Testing Laboratory Leathertex, at Leathertex Ltd, or other authorized person in the office of EA BAS.

This order shall be notified to the Leathertex Ltd, within 3 (three) days from its issuance.


Eng. Irena Borislavova
Executive Director of EA BAS