

Product specific requirements: **001. 3rd Layer Outdoor Overwear**

Version: 3.0  
Last update: 01.09.2021

Material	Material Art.	Products	Age Group	HS Code
textile, plastic, leather	Woven, knitted	jackets, coats, cardigans, outdoor jackets, west	women, men kids, baby	6101, 6102, 6201, 6202



No	Parameter	Method	Reference	Age group	Requirement	Materials				
						Plastics - PU, PVC, Rubber, TPU	Textiles Natural	Textiles Synthetic	PU Coating, Printing	Leather
<b>General &amp; Construction</b>										
1	Fiber composition	EU (Nr) 1007/2011	Ginetex (CH)	/	Single: No tolerance (SGS) Blends: +/-3% deviation from composition; Max. +/- 2% presence of Extraneous fibers		x	x		x
2	Cords and drawstrings on children's clothing	SN EN 14682	SR 817.023.41 (CH)	Till 14 years	Must fulfil requirements	Related to the whole product				
<b>Chemical Parameters</b>						This chemical parameters are not fully covered EU and Swiss requirement. Additional protocol of restricted substances (EU-Swiss RS) for Softlines products are provided for your reference.				
3	Formaldehyde	Textile: DIN EN ISO 14184-1 Leather: DIN EN ISO 17226-2	EU REACH Annex XVII Entry 72 Oekotex	/	Baby till 3 : n.d. Adults Textile: 75 mg/kg		x	x	x	x
4	Lead in Surface treatment on textile	Non-leather: EN 16711-1 Leather: ISO 17072-2	SR 817.023.41 SR 814.81 (CH)	/	Paints and varnishes: 100 mg/kg; Surface treatment on Textile: Not detected (5mg/kg)	x			x	x
5	Cadmium in Textile	EN 16711-1	SR 814.81 (CH)	/	Plastic: 100 mg/kg Surface coating/paint on article: 1000 mg/kg	x			x	
6	Azo-Dyes* (Appendix)	Textile: DIN EN 14362-1 Leather: DIN ISO 17234-1 4-aminoazobenzene Textile: DIN EN 14362-3 Leather: DIN ISO 17234-1	SR 817.023.41 (CH)	/	max. 30 mg/kg each		x	x	x	x
7	Phthalates* (Appendix)	ISO 14389	SR 817.023.41	< 36 months	Baby (<36 months) DEHP / DBP / BBP / DIBP / DIHP / DMEP / DiPP / DnPP / DnHP / DCHP / DIOP / DINP / DIDP / DNOP: 1000 mg/kg (Each or Total)  Other age range: DEHP / DBP / BBP / DIBP / DIHP / DMEP / DiPP / DnPP / DnHP / DCHP / DIOP: 1000 mg/kg (Each or Total)	x			x	

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8	PAHs *(Appendix)	AfPS GS 2019:01 PAK	SR 814.81 (CH)	/	EU PAH each < 0,5 mg/kg / Total sum < 10 mg/kg	x			x	
9	Chlorinated paraffins C10-13 (SCCP) (only for plastic, coating)	ISO 18219 GC-MS or GC-ECD;	SR 814.81 (CH)	/	SCCPs limit (flame retardant): no use; SCCPs limit (other): < 1000 mg/kg	x			x	x
10	Organic Tin Compounds (only for plastic, coating)	Textile: ISO 22744-1 Non-textile: CEN ISO/TS 16179	SR 814.81 (CH)	/	Tri-substituted organostannic compounds 1000 mg/kg DBT: 1000 mg/kg DOT: 1000 mg/kg	x			x	
11	Dimethylfumarat	ISO/TS 16186	SR 814.81 (CH)	/	0,1mg/kg		x	x		x
12	Penta-, Tetra-, Trichlorphenol (PCP / TeCP / TriCP)	Textile / Leather: LFGB § 64 BVL B82.02.8 Leather: ISO 17070; Polyester / polyester-blend / printed fabric: Modified § 64 LFGB BVL B82.02.8 with alkaline digestion	ChemVerbots V Oekotex SR 814.81 (CH) Annex 1.2	/	PCP, TeCP: not merely unavoidable impurities: 5 mg/kg		x		x	x
13	Chrom VI (after aging)	ISO 17075-2	SR 814.81(CH)	/	ISO 10195 Method A2 Conditions: 80°C, 24hrs, < 5% humidity) : < 3 mg/kg					x
<b>Coating: required if sample declared with Flame Retardants; with stain and water repellent finishing</b>										
14	PFOS, PFOA	ISO 23702-1	SR 814.81 (CH)	/	PFOA and its salts: 0.025 mg/kg (25 ppb) PFOA related substance: 1 mg/kg (1000 ppb) <u>Manor requirement: 1 µg/m2 (adult &amp; baby)</u>				x	
15	Flame Retardants	In-house method	SR 814.81 (CH)	/	Article or their components containing which are not merely unavoidable impurities PBB / TRIS / TEPA: Not Detected DecaBDE is restricted with requirement of 500 mg/kg (sum of Tetra, Penta, Hexa, Hept, DecaBDE)		x	x		

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<b>Physical Parameter</b>										
16	Weight per m2	Woven: ISO 3801 Knitted: EN 12127	Manor intern	/	+/- 5%	Related to the whole product				
17	Bursting Strength Exempt: Elastic, hollow mesh and lace (for knit)	ISO 13938-2[KPa]	Manor intern	/	weight ≤ 200 g/m²: 200 kPa weight > 200 g/m²: 300 kPa	Related to the whole product				
18	Tensile strength (for woven)	ISO 13934-2 [N]	Manor intern	/	Adults: 200 N Kids: 160 N	Related to the whole product				
19	Tear strength (for woven)	ISO 13937-1 [N]	Manor intern	/	Adults: 12 N Kids: 14 N	Related to the whole product				
20	Seam Slippage (for woven)	ISO 13936/1/(6mm) [N]	Manor intern	/	118N	Related to the whole product				
21	Color fastness to Laundering (washing) (1 Wash)	ISO 105/C06	Manor intern	till 14 years	Grade 4 Denim Grade 3-4		x	x		
22	Dimensional stability after washing (1 Wash)	ISO 6330	Manor intern	/	Knitted items: 5% Woven: 3%		x	x		
23	Color fastness to Perspiration (without lining)	ISO 105/E04 ISO 11641 (Leather)	Manor intern	adults only	Grade 3-4 (for contrast colors- 4)		x	x		grade 3-4
24	With Lining Color fastness to Perspiration	ISO 105/E04	Manor intern	adults only	Grade 3-4 (only for lining)		x	x		grade 3-4 only for lining
25	Color fastness to water	ISO 105-E01	Manor intern	/	Grade 3-4 Denim - Grade 3-4 For contrast colors- Grade 4		x	x		grade 3
26	Color fastness to Dry Cleaning	ISO 105/D01	Manor intern	adults only	Grade 4		x	x		x
27	Dimensional stability after dry cleaning <b>1 sample additional!</b>	ISO 6330	Manor intern	adults only	+/- 2.0%		x	x		x
28	Appearance after dry cleaning (1 Dry-clean, if applicable)	In-house method	Manor intern	/	<b>Satisfactory:</b> No loose fibers, degumming, blistering for adhesive position; No damage, detachment, corrosion, deformation, obvious color change, seam opening after washing.		x	x		x
29	Color fastness to light	ISO 105/B02 at BWS 4	Manor intern	/	Grade 4-5		x	x		Adults only: Grade 4-5
30	Color fastness to rubbing, dry (leather: 20 cycles, nappa leather 50 cycles)	ISO 105/X12 ISO 11640 (leather)	Manor intern	/	Grade 4 Denim, Pigment, Indigo 3-4 Dark Microfaser, „peached“ Flor ware- 3 Garment dyeing -3		x	x		grade 3
31	Color fastness to rubbing, wet (leather 10 cycles, nappa leather 20 cycles)	ISO 105/X12 ISO 11640 (leather)	Manor intern	/	Grade 3-4 Denim, Pigment, Indigo 2-3 Dark Microfaser, „peached“ Flor ware- 2 Garment dyeing -3		x	x		grade 2-3
32	Pilling Martindale Only for the front. Exempt: sanding, flocking on the front; hollow mesh, lace structures. Except wool items (GB)	ISO 12945-2 (1 wash)	Manor intern	/	Woven: Even surface - Grade 3-4 (2000 cycles) raised materials- Grade 3 (2000 revs) Knitted: Grade 3-4 (after 1000 revs)		x	x		

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33	Pilling for Cashmere and cashmere blends	ISO 12945-1/ ISO 6330 (1 wash)	Manor intern	/	Grade 3 (10,800 revs) (With cashmere or >50%-100% for Lambs wool, Angora, Mohair and Cashmere rich blends)		x			
34	Pilling for wool an other animal fibers	ISO 12945-1/ ISO 6330 (1 wash)	Manor intern	/	Grade 3-4 (10,800 revs)		x			
35	Color fastness to saliva	DIN 53160-1	Manor intern	Till 3 years (size 50-98)	Grade 5		x	x		x
36	Martindale Abrasion	ISO 12947-2	Manor intern	/	≥16000 revs (top) ≥10000 revs (lining) no damage on fabric face		x	x		
37	Bundesmann Test 10 min* if claimed; for high quality items	EN ISO 29865	Manor intern	/	5/2 ml/ 10 %	Related to the whole product				
38	Spray test* if claimed; for medium quality items	DIN EN 24920	Manor intern	/	Before washing Grade 4	Related to the whole product				
39	Flammability (for high-pile, Flor ware)	EN 1103	SR 817.23.41 (CH)	/	no Surface Flash	Related to the whole product				
<b>Feather &amp; Down Filling</b>										
40	Weight of final product & weight of filling (if available) per m2	BS EN 13088	Manor intern	/	of final product - +/- 5% weight of filling (if available)- no deviation	Related to the whole product				
41	Feather and down proof properties	EN 12132-1	Manor intern	/	must fulfil requirements	Related to the whole product				
42	Dimensional Stability to Washing	ISO 5077 ISO 6330	/	/	After 1 wash - no change After 3 wash - +/- 3% (extension or shrinkage)	Related to the whole product				
43	Appearance after Laundering	ISO 5077 ISO 6330	/	/	1. Color change- no significant change 2. seam- no significant change 3. appearance of buttons- no sign. change 4. Feather & down- no visual penetrated 5. Shape- no distortion	Related to the whole product				
<b>Accessories</b>										
44	Metal Parts with skin contact: Nickel	EN 12472:2020 / EN 1811:2011 + A1:2015	SR 817.023.41 (CH)	/	Nickel: <u>Manor &lt; 0.5 µg/cm²/Week</u>	Related to the whole product				
45	Metal Parts with skin contact: Lead	EN 16711-3	SR 814.81(CH) Directive (EU) 2015/628 valid from 2018 in CH	/	Lead 0.5 µg/cm² ( small metal parts for clothing, valid from 2018 in Switzerland);	Related to the whole product				
46	Plastic Parts with skin contact: Cadmium	Non-leather: EN 16711-1	SR 814.81 (CH)	/	Cadmium 100 mg/kg (Swiss Regulation) Manor: 40 mg/kg (Manor Regulation)	x			x	
47	Zipper strength	BS EN 16732	Manor intern	/	Shall comply to test standard requirement Example BS EN 16732 Performance code C -Puller attachment test: 200N -Reciprocating test: 500 minimum cycles without failure -Lateral strength test: 250N - Torque strength min 0.34 Nm Performance code depends on the end use of product	Related to the whole product				

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<b>Attachments' strength</b>										
48	Small parts; sharp point, sharp edge	EN-71-1	Manor intern	Till 14 years	(< 36 months) No small parts; (< 14 years) No sharp point; (< 14 years) No sharp edge.	Related to the whole product				
49	Decoration elements	CEN/TS 17394-2	Manor intern	/	Parts ≥6 mm not > 6mm:  CEN/TS 17394-2 Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of attachment of buttons-test method.  CEN/TS 17394-3 Textiles and textile products - Part 3: Safety of children's clothing - Security of attachment of metal mechanically applied press fasteners-test method  CEN/TS 17394-4 Textiles and textile products - Part 4: Security of children's clothing- Security of attachment of components except buttons and metal mechanically applied press fasteners-test method	Related to the whole product				
<b>Label</b>										
50	Labeling (with Care Instruction)	EU (Nr) 1007/2011	Ginetex Manor intern	/	Trademark Manufacturer's name (name, address in EU) Made in ... Size (opt. age for children) Care instructions (according to Ginetex) Fiber composition in % (EU 1007/2011) In 1 Swiss official language (DE / IT / FR)	Related to the whole product				
51	Care Instruction	Ginetex	Ginetex Manor intern	/	Mandatory In following order:	Related to the whole product				
52	Marking for fur or leather details/ parts	EU 17211	EU 1007/2011	/	D: "Enthält nichttextile Teile tierischen Ursprungs" F: "Contient des parties non textiles d'origine animale" IT: "Contiene parti non tessili di origine animale" E: "Contains non-textile parts of animal origin"					x
53	Marking for feather or down filling	EN 12934	EN 12934	/	Mandatory: % composition; Mandatory: Art of down or feather Opt. Made in Opt. Color	Related to the whole product				
54	Marking for leather	RAL 060 A2 (Germany)	RAL 060 A2 (Germany)	/	or	Related to the whole product				