

## **TECHNICAL SHEET**

## Kladow – pile jacket

Description	<ul> <li>1 breast pocket with YKK® zip,</li> <li>2 wide front pockets with YKK® zip ,</li> <li>2 internal pockets,</li> <li>wide back waterproof pocket closed by 2 YKK® zippers,</li> <li>front opening with YKK® zip,</li> <li>reinforced elbows,</li> <li>coulisse for adjustable bottom</li> <li><u>NON METAL DETECTABLE</u></li> <li>WINDPROOF and BREATHABLE</li> <li>WATER REPELLENT MEMBRANE</li> </ul>		
Maintenance	Maximum wash temperature: 40 °C; Do not bleach ; Do not dry clean; Do not dry in a tumble dryer ; Do not iron.	Item	V133-0-08 Green
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		Sizes	S – 3XL

## SAFETY TECHNICAL SPECIFICATIONS

	Test method	Description	Cofra result	Minimum requirement / range
Background fabric	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester +COFRA-TEX membrane	
	EN ISO 12127:1996	Fabric mass per unit area	340 g/mq	
	EN ISO 13688:2013 5.3 (ISO 5077)	Dimensional change to washing	warp: - 1.4% weft: - 0.4%	±3%
	EN ISO 13934-1	Tensile strength	warp: 634.8 N weft: 426.8 N	warp: 400 N weft: 400 N
	EN ISO 4674-2	Tear resistance	warp: > 64 N weft: 26.6 N	warp: 25 N weft: 25 N

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EN 31092	<b>TECHNICAL SHEET</b> Water vapour resistance R <sub>et</sub> [m <sup>2</sup> Pa/W]	R <sub>et</sub> = 29.6 [m <sup>2</sup> Pa/W]		CLASS 1 CLASS 2 CLASS 3	R <sub>et</sub> > 40 20 < R <sub>et</sub> < 40 R <sub>et</sub> <20
EN 20811	Water penetration resistance - Wp [Pa] (before each pretreatment)	Wp > 13000 Pa		CLASS 1 CLASS 2 CLASS 3	Wp ≥ 8000 Pa no test required no test required
EN ISO 12945-1	Determination of fabric propensity to surface fuzzing and to pilling - Pilling box method	4-5 > 30000 cycles		1-5 Min. 30000	
ISO 12947-2	Determination of the abrasion resistance of fabrics by the Martindale method				
EN ISO 105-X12	Colour fastness to rubbing	Dry: 4-5 Wet: 4		1-5	
EN ISO 105 E04	Colour fastness to perspiration Colour change	Acidic 4-5	Alkaline 4-5		1-5
	diacetate cotton	4-5 4-5	4-5 4-5		
	polyester acrylic	4-5 4-5	4-5 4-5		
EN ISO 105-C06	wool Colour fastness to Laundering at	4-5	4-5		1-5
	40°C Colour change Staining:	4-5			
	diacetate cotton nylon	4 4-5 4			
	polyester acrylic wool	4 4-5 4-5			
EN ISO 105-B02	Colour fastness to artificial light: Xenon arc lamp	4-5			1-5
EN ISO 13688:2013 4.2 (ISO 3071)	The PH's determination from the watery extract	pH=7.0		3,5	≤pH≤ 9,5
EN ISO 13688:2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording		<i>≤30 ppm</i>	
	EN ISO 12945-1 ISO 12947-2 EN ISO 105-X12 EN ISO 105 E04 EN ISO 105-C06 EN ISO 105-C06 EN ISO 105-B02 EN ISO 13688:2013 <sup>2.2</sup> ISO 3071) EN ISO 13688:2013	EN 20811Water penetration resistance - Wp [Pa] (before each pretreatment)EN ISO 12945-1Determination of fabric propensity to surface fuzzing and to pilling - Pilling box methodISO 12947-2Determination of the abrasion resistance of fabrics by the Martindale methodEN ISO 105-X12Colour fastness to rubbingEN ISO 105 E04Colour fastness to perspiration Colour change Staining: diacetate cotton nylon polyester acrylic woolEN ISO 105-C06Colour fastness to Laundering at 40°C Colour change Staining: diacetate cotton nylon polyester acrylic woolEN ISO 105-B02Colour fastness to artificial light: Xenon arc lampEN ISO 105-B02Colour fastness to artificial light: Xenon arc lampEN ISO 13688:2013 4.2The PH's determination from the watery extractEN ISO 13688:2013 4.2Search of the aromatic and carcinogenic amines	EN 20811Water penetration resistance - Wp [Pa] (before each pretreatment)Wp > 1300EN ISO 12945-1Determination of fabric propensity to surface fuzzing and to pilling - Pilling box method4-5ISO 12947-2Determination of the abrasion resistance of fabrics by the Martindale method> 30000 cEN ISO 105-X12Colour fastness to rubbingDry: 4-5 Wet: 4EN ISO 105-X12Colour fastness to perspiration Colour change polyester acrylic WoolAcidic 4-5EN ISO 105 E04Colour fastness to perspiration Acidic Colour change polyester acrylic WoolAcidic 4-5EN ISO 105-C06Colour fastness to Laundering at 40°C Colour change Adv°C Colour change Adv°C Colour change Adv°C Colour change Adv°C Colour change Adv°C Adv°C Colour change Adv°C Adv°C Adv°C Colour change Adv°C 	EN 20811Water penetration resistance - Wp [Pa] (before each pretreatment)Wp > 13000 PaEN ISO 12945-1Determination of fabric propensity to surface fuzzing and to pilling - Pilling box method4-5ISO 12947-2Determination of the abrasion resistance of fabrics by the Martindale method> 30000 cyclesEN ISO 105-X12Colour fastness to rubbingDry: 4-5 Wet: 4EN ISO 105 E04Colour fastness to perspiration Colour changeAcidic 4-5Alkaline 4-5EN ISO 105 E04Colour fastness to perspiration diacetate4-54-5EN ISO 105 E04Colour fastness to Laundering at 40°C Colour fastness to Laundering at 40°C4-54-5EN ISO 105-C06Colour fastness to Laundering at diacetate4-54-5EN ISO 105-C06Colour fastness to attificial light: Norin4-54-5EN ISO 105-B02Colour fastness to attificial light: Xenon arc lamp4-54-5EN ISO 105-B02Colour fastness to attificial light: Xenon arc lamp4-54-5EN ISO 13688:2013 4.2The PH's determination from the watery extractPH=7.0	EN 20811       Water penetration resistance - Wp [Pa] (before each pretreatment)       Wp > 13000 Pa       CLASS 1 CLASS 2 CLASS 3         EN ISO 12945-1       Determination of fabric propensity to surface fuzzing and to pilling - Pilling box method       4-5         EN ISO 12947-2       Determination of the abrasion resistance of fabrics by the Martindale method       > 30000 cycles       Md         EN ISO 105-X12       Colour fastness to perspiration Colour fastness to perspiration       Acidic       Alkaline         EN ISO 105 E04       Colour fastness to perspiration Colour fastness to perspiration       Acidic       Alkaline         EN ISO 105 E04       Colour fastness to Laundering at 4-5       4-5       4-5         EN ISO 105 E04       Colour fastness to Laundering at 40°C       4-5       4-5         EN ISO 105-C06       Colour fastness to Laundering at 40°C       4-5       4-5         EN ISO 105-C06       Colour fastness to Laundering at 40°C       4-5       4-5         EN ISO 105-C06       Colour fastness to Laundering at 40°C       4-5       4-5         EN ISO 105-B02       Colour fastness to artificial light: 4-5       4-5       4-5         EN ISO 105-B02       Colour fastness to artificial light: 4-2       4-5       4-5         EN ISO 105-802       Colour fastness to artificial light: 4-2       4-5       4-5