

## RENK – jacket 1 cartridge for carbine, Description 1 cartridge for rifle, 2 internal pockets with zip, 2 pockets on the bottom with zip and with internal , extractable and removable cartridge, 2 wide front pockets with zip, abrasion resistant fabric in the areas particularly subjected to stress, adjustable cuffs with velcro, adjustable hood, detachable and with rubber inserts for a better visibility, adjustable opening for ventilation, arm ergonomic design, back part made of stretch fabric to grant maximum freedom of movement, central opening with zip and snap closure, D-Ring, double zip covering, front opening with double slider zip, radio pocket on the breast, thermo-welded seams, waterproof garment, thorn and bramble resistant, wide back waterproof pocket closed by zip. Maintenance Maximum wash temperature: 30 °C; Do not bleach; Dry clean with solvents on point F plus Tetrachloroethylene; V551-0-04 Clay brown/Orange Item Tumble drying possible drying at lower temperature; Do not V551-0-08 Clay brown/brown EN ISO 13688:2013 **OEKO-TEX®** STANDARD 100 Standards: EN343:2019 44 - 64 **Sizes**

#### SAFETY TECHNICAL SPECIFICATIONS

	Test method	Description	Cofra result	Minimum requirement / range
Background fabric	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester (300D) + COFRA-TEX membrane (TPU membrane Thermoplastic Polyurethane)	
	EN ISO 12127:1996	Fabric mass per unit area	200 g/m <sup>2</sup>	
	EN ISO 13688:2013 5.3 (EN ISO 6630 / ISO 5077)	Dimensional change (30°C)	warp: -0.2% weft: -0.1%	±3%

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ISO 105-X12	Colour fastness to rubbing				1 - 5
	Staining:	Dry: 4			. 0
ISO 105-B02	Colour fastness to light				1 - 5
	Colour change	5			
ISO 105-C06	Colour fastness to Laundering at 40°C				1 - 5
	Colour change	4-5			
	Staining:	4.5			
	diacetate cotton	4-5 4-5			
	nylon	4-5			
	polyester	4 4-5			
	acrylic	4-5			
	wool	4-5			
		. 0			
ISO 105 E04	Colour fastness to perspiration				
	Colour change	4-5	4-5		1 - 5
	Staining:				
	diacetate	4-5	4-5		
	cotton	4-5	4-5		
	nylon	4-5	4-5		
	polyester	4-5	4-5		
	acrylic	4-5	4-5		
	wool	4-5	4-5		
ISO 12947-2	Determination of the abrasion resistance of fabrics by the Martindale method	>50000 cy	cles		
EN 343:2019	Water penetration resistance -	Wp =9123	mmH <sub>2</sub> O	CLASS 1	Wp >= 8000 Pa
4.2	Wp [Pa]			CLASS 2	,
(EN 20811)	(before each pretreatment)			CLASS 3	no test required
				CLASS 4	no test required
	Watermanderline				
EN 343:2019	Water penetration resistance - Wp [Pa]	Class 3	0 Da		no test required
4.2	(after each pretreatment)	Wp> 1300	J Pa		<i>Wp</i> ≥ 8.000 Pa <i>Wp</i> ≥ 13.000 Pa
(EN ISO 811)					Wp ≥ 20.000 Pa
					,
EN 343:2019	Water vapour resistance	Class 3		Clas	s 1: Ret>40
4.3	R <sub>et</sub> [m <sup>2</sup> Pa/W]	$R_{et} = 17.2$	[m <sup>2</sup> Pa/W]	Class	2: 25 <ret≤40< td=""></ret≤40<>
(EN ISO 11092)				Class	3: 15 <ret≤25< td=""></ret≤25<>
				Clas	s 4: Ret≤15
EN 242-2242	Tensile strength	worn: 400	0 N		450 N
EN 343:2019	Tonolio Strongtii	warp: 130 weft: 130		:	>450 N
4.4 (EN ISO 1421)			· · ·		
(LIVISO 1421)					
EN 343:2019	Tear resistance of coated or laminated	warp: 67 N	١		>20 N
4.5	fabrics	weft: 63 N	1		
(EN ISO 4674-1)					

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	· III III	MOAL SHEET			
Contrast fabric	EN ISO 1833-1977, SECTION 10	Composition:	100% poly COFRA-TI (TPU mem Thermopla Polyuretha	stic	
	EN ISO 12127:1996	Fabric mass per unit area	230 g/m <sup>2</sup>		
	EN ISO 13688:2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording		≤30 ppm
	EN ISO 13688:2013 4.2 (ISO 3071)	The pH's determination from the watery extract	pH=6,8		3,5 ≤pH≤ 9,5
	EN ISO 13688:2013 5.3 (ISO 5077)	Dimensional change (30°C)	warp: -0.7 weft: -0.1		±3%
	ISO 105-C06	Colour fastness to Laundering at 40°C Colour change Staining:	4-5		1 - 5
		diacetate cotton	4-5 4-5		
		nylon polyester acrylic	4-5 4-5 4-5		
	100 405 704	wool  Colour fastness to dry cleaning	4-5		
	ISO 105 D01	Colour change Staining:	4-5		1 - 5
		diacetate cotton	4-5 4-5		
		nylon polyester	4-5 4-5		
		acrylic wool	4-5 4-5		
	ISO 105 E04	Colour fastness to perspiration  Colour change	4-5	4-5	1 - 5
		Staining: diacetate	4-5	4-5	, 0
		cotton	4-5	4-5	
		nylon polyester	4-5 4-5	4-5 4-5	
		acrylic wool	4-5 4-5	4-5 4-5	
	ISO 105-X12	Colour fastness to rubbing Staining:	Dry: 4 - 5		1 - 5
	ISO 105-B02	Colour fastness to light  Colour change	4		1 - 5
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	ISO 12947-2	Determination of the abrasion resistance of fabrics by the Martindale method	>10000 cycles		
	EN 343:2019 4.2 (EN 20811)	Water penetration resistance - Wp [Pa] (before each pretreatment)	Wp > 13000 Pa	CLASS 1 Wp >= 8000 Pa CLASS 2 no test required CLASS 3 no test required CLASS 4 no test required	
	EN 343:2019 4.2 (EN 20811)	Water penetration resistance - Wp [Pa] (after each pretreatment)	Class 3 Wp> 13000 Pa	CLASS 1 no test required CLASS 2 $Wp \ge 8.000 Pa$ CLASS 3 $Wp \ge 13.000 Pa$ CLASS 4 $Wp \ge 20.000 Pa$	
	EN 343:2019 4.3 (EN ISO 11092)	Water vapour resistance Ret [m² Pa/W]	Class 2 R <sub>et</sub> = 29.8 [m <sup>2</sup> Pa/W]	Class 1: Ret>40 Class 2: 25 <ret≤40 Class 3: 15<ret≤25 Class 4: Ret≤15</ret≤25 </ret≤40 	
	EN 343:2019 4.4 (EN ISO 1421)	Tensile strength	warp: 1773 N weft: 1498 N	>450 N	
	EN 343:2019 4.5 (EN ISO 4674-1)	Tear resistance of coated or laminated fabrics	warp: 204 N weft: 210 N	>20 N	
	EN 343:2019 4.8 (EN ISO 13935-2)	Determination of maximum force to seam rupture using the grab method	530 N	≥ 200 N	
Abrasion resistant fabric	EN ISO 1833-1977, SECTION 10	Composition:	100% nylon+COFRA- TEX membrane (TPU membrane Thermoplastic Polyurethane)		
	EN ISO 12127:1996	Fabric mass per unit area	250 g/m <sup>2</sup>		
Lining	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester		