KREIEN – *trousers*

Description

- 2 back pockets with zip closure,
- 2 leg pockets with anti-abrasion fabric closed with a zipper,
- 2 wide front pockets with zip,
- anti-abrasion fabric on the front and on the back leg bottom,
- D-Ring,
- each leg is provided with a hook to attach the ends of the trouser to shoelaces,
- elasticated waist,
- high back waist,
- knee and leg ergonomic design,
- stretch fabric,
- thorn and bramble resistant

Three-dimensional external fabric reinforcement weave is applied to protect the most exposed parts during use. It is water-repellent and offers outstanding protection against abrasion; tested by the modified EN 530 test method, using silicon carbide abrasive material P800, after 2.000 cycles, it showed no breaking.

Materials and technologies

SKINNY

SKINNY FIT

Work trousers become "young" thanks to slim-fitting and tight wearability.

4-WAY STRETCH

BREATHABILITY IS GUARANTEED

The breathability of VELTEN trousers is similar to the breathability of garments made of polyester/cotton and100% cotton which are the most common on the market.

ELASTIC FABRIC IN 4 DIRECTIONS

The garments is made of elasticated fabric in four directions for maximum freedom of movement and a perfect wearability. The weave of nylon with elastane guarantees excellent performance in terms of resistance, durability, shape recovery and reduced tendency to crease.

Performance e plus

UNDETECTABLE

NON METAL DETECTABLE

Maintenance	Maximum wash temperature: 40 °C; Do not bleach ; Tumble drying possible - Drying at lower temperature; Ironing at low temperature (max 110 °C) Dry clean with solvents on point F plus Tetrachloroethylene. 	**Item**	V557-0-03 Clay brown/black V557-0-04 Clay brown/black/orange
		Standards:	EN ISO 13688:2013/A1 :2021 OEKO TEX® STANDARD 100
		Sizes	44 – 64

SAFETY TECHNICAL SPECIFICATIONS

	Test method	**Description**	*Cofra result*	*Minimum requirement / range*
Background fabric	EN ISO 1833-1977, SECTION 10	Composition:	94% nylon 6% elastane	
	EN ISO 12127:1996	Fabric mass per unit area	250 g/m^2	
	EN ISO 13688:2013 5.3 (EN ISO 6630 / ISO 5077)	Dimensional change (40°C)	warp: -1.2% weft: -0.7%	*±3%*
	ISO 105-C06	Colour fastness to Laundering at 40°C		*1 - 5*
		Colour change	4-5	
		Staining:		
		diacetate	4-5	
		cotton	4-5	
		nylon	4-5	
		polyester	4-5	
		acrylic	4-5	
		wool	4-5	
	ISO 105 D01	Colour fastness to to dry cleaning		*1 - 5*
		Colour change	4-5	
		Staining:		
		diacetate	4-5	
		cotton	4-5	
		nylon	4-5	
		polyester	4-5	
		acrylic	4-5	
		wool	4-5	
	EN ISO 105-X11	Colour fastness to hot pressing (110°C);		*1-5*
		Colour change	Dry: 4-5 Wet: 4-5	
	ISO 105-X12	Colour fastness to rubbing	Dry: 4 - 5 Wet: 4 - 5	*1 - 5*

	ISO 105 E04	Colour fastness to perspiration	Acidic	Alkaline	
		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 105-B02	Colour fastness to light			*1 - 5*
		Colour change	4		
	EN ISO 13934-1	Tensile strength	warp: 1400 N weft: 1300 N		
	EN ISO 13937-2	Tear strength	Warp : 51 N Weft : 88 N		
	ISO 12947-2	Determination of the abrasion resistance of fabrics by the Martindale	>30000 cycles		
	ASTM D3107-07	Standard Test Methods for Stretch Properties of Fabrics Woven from Stretch Yarns			
		Elongation (4lbf / 30 min.)	Warp : 26% Weft : 22%		
		Recovery of elongation	Warp : 92.7% Weft : 91.5%		
	EN 31092	Water vapour resistance R_{et} [m^2 Pa/W]	R_{et} = 5.65 [m^2 Pa/W]		
Abrasion resistant inserts	EN ISO 1833-1977, SECTION 10	Composition:	85% nylon 15% polyester polyurethane coated		
	BS EN 530:1995	Abrasion resistance (P800)	>2000 cycles		
KREIEN	EN ISO 13935-2	Determination of maximum force to seam rupture using the grab method	Warp : 393 N Weft : 387 N		≥ 200 N