COFRA BORN TO WORK

TECHNICAL SHEET

VELTEN – *trousers*

Description

- 2 back pockets with zip closure,
- 2 lateral pockets closed with zip,
- 2 wide front pockets with zip,
- abrasion resistant fabric in the areas particularly subjected to stress,
- D-Ring,
- elasticated waist,
- high back waist,
- knee and leg ergonomic design,
- stretch fabric

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	V621-0-03 Clay brown / black V621-0-04 Clay brown / black / orange V621-0-05 Clay brown / black / lime
Standards:	EN ISO 13688:2013 OEKO-TEX® CONFIDENCE IN TEXTILES 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		
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	
EN ISO 105-X11	Colour fastness to hot pressing (110°C);			*1-5*
	Colour change	Dry: 4-5 Wet: 4-5		
ISO 105-B02	Colour fastness to light			*1 - 5*
	Colour change	4		
ISO 105-X12	Colour fastness to rubbing	Dry: 4 - 5 Wet: 4 - 5		*1 - 5*
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:	100% nylon	
	EN ISO 12127	Fabric mass per unit area	270 g/m^2	
VELTEN	(EN ISO 13935-2	Determination of maximum force to seam rupture using the grab method	Warp : 393 N Weft : 387 N	≥ 200 N