zetDress®

TECHNICAL DOCUMENTATION
Tritex Standard Weiss

Firm and Unit of manufacture:

ZVG Zellstoff-Vertriebs GmbH & Co.KG
Urbacher Strasse 4+5. D-53842 Troisdorf

Basic type description:

Tritex Standard Weiss 30757
One-piece coverall made of non woven SMS 50 g/m^2, with hood, zip front opening covered by a flap self-adhesive, elastic at cuffs, ankles, hood and waist, serged seams.



Finger loop and knitted cuffs available

Colors:

White

Use destination:

Clothing to be worn to protect against light spray, liquid aerosol or low pressure, low volume splashes and airborne solid particulates. Other different uses are excluded.

Standard :

EN 13034:2005+A1:2009
EN ISO 13982-1:2004+A1:2010
EN ISO 13688:2013

EN 1149-5:2008

Category :

III

(according to Regulation EU 2016/425)

Risk Analysis:

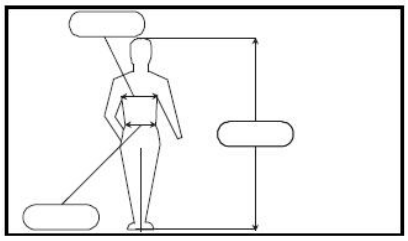
The PPE has been designed to facilitate its use, to ensure that it remains in place during the user's activities and provides a level of comfort appropriate to the level of protection. The DPI also protects:

- Type 6 is intended to be used in cases where risk has been assessed as low and a full liquid permeation barrier is not necessary, i.e. when wearers are able to take timely adequate action when their clothing is contaminated. Type 6 protective clothing form the lowest level of chemical protection and are intended to protect from a potential exposure to small quantities of spray or accidental low volume splashes

- Type 5 offer protection against risks of exposure to chemical products resistant to the penetration of solid particles dispersed in the air for the entire trunk

- Garment with antistatic performance offer protection against electrostatic charges that can trigger fires

SIZE DESIGNATION (EN ISO 13688:2013) dimensions in centimeters.



	S	M	L	XL	XXL	XXXL
height	164-170	170-176	176-182	182-188	188-194	194-200
chest	84-92	92-100	100-108	108-116	116-124	124-132

MATERIALS

Fabric:	SMS non woven Weight: 50 g/m^2 Colour: white
Zip :	Nylon n.3 – 75 cm single cursor
Elastic:	1/8x0.35 rubber
Seams:	Polyester
Adhesive tape:	20 mm x 75 mm

Protective clothing shall not adversely affect the health or hygiene of the users. The material shall not, in the foreseeable conditions of normal use, release substances generally known to be toxic, carcinogenic, mutagenic, allergenic, toxic to reproduction or otherwise harmful especially for materials in according to the Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
All materials are nickel free.
The PPE has been designed and manufactured with materials and components used by our company for a long time for which do not know the harmful effects for health and safety.
The certificates or test reports of the materials described above are attached to this documentation.

CONTROL AND TESTS

Materials
Controls on the materials based on the specific procedures.
Controls of the weight of the fabric, thickness and color.
The material conformity is guarantee by ISO 9001 certification

Components
Packaging, zip, elastic, label and tape are tested when received to check the conformity to the ZVG specific requirements.

Cut Process
Before cutting the material, the department checks the table and the fabric for color, stain or holes.

Sewing Process
Seams are made using specific procedures as required by the design department.

Packaging
Before packaging the Quality department checks the products for visual control of seams, zip and labels.
Only complying products are folded, packaged and put in the cartons.

PERFORMANCE – LEVELS AND CLASSES

Test	*Result*	*Class*
EN 13034 – EN ISO 13982-1		
Resistance to liquid penetration (EN ISO 6530)		
H_2SO_4 30%	0.0%	3
NaOH 10%	0.0%	3
o-xylene	5.4%	1
Butan 1 ol	1.0%	2
Repellency to Liquid (EN ISO 6530)		
H_2SO_4 30%	96.3%	3
NaOH 10%	95.9%	3
o-xylene	83.2%	1
Butan 1 ol	93.4%	2
Light Spray Test (EN ISO 17941-4)	No stains on the witness coveralls	pass
Inward Leakage (EN 13982-2)	Ljmn 82/90 < 30% Ls 8/10 < 15	pass
Seams strenght (EN ISO 13935-2) – serged seams	121 N	Class 3
Abrasion Resistance (EN 530 method 2)	> 100 cycles	2
Trapezoidal tear resistance (EN ISO 9073-4)	15.7 N (warp) 27.9 N (weft)	1
Tensile strength (EN ISO 13934-1)	42.2 N (warp) 100 N (weft)	1
Puncture resistance (EN 863)	6.07 N	1
Flex cracking resistance (EN ISO 7854 method B)	>15.000 c.	4
EN ISO 13688		
pH value	7.1 (white)	pass

	6.3 (blue) 9.0 (red)	
Aromatic Amines derived from azo colorant	<1	pass

Surface resistivity (EN 1149-1)	<2.5 x 10^9 Ω	pass	<2.5 x 10^9 Ω	pass

EXHAUSTIVE LIST OF ESSENTIAL REQUIREMENTS OF HEALTH AND SAFETY

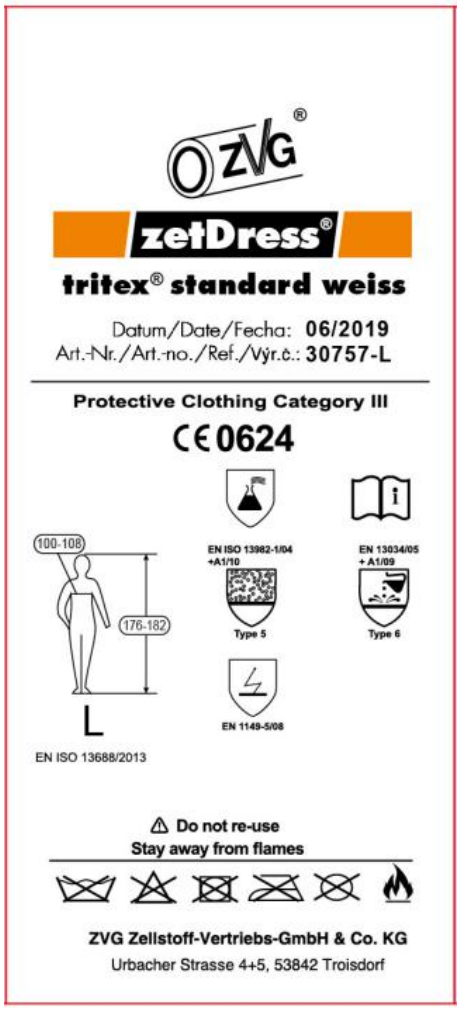
(ANNEX II Regulation EU 2016_425)

Clause of standard **EN ISO 13688**	ANNEX II Regulation EU 2016_425	
5.3	1.2.1	Absence of risks and other inherent nuisance factors
4.2	1.2.1.1	Suitable costituent materials
4.4	1.2.1.2	Satisfactory surface condition of all PPE parts in contact with the user
8	1.4	Information supplied by the manufacturer
6,7	2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety
Clause of standard **EN 13034**	ANNEX II Regulation EU 2016_425	
4.1	1.2.1	Absence of risks and other nuisance factor
4.1	1.2.1.1	Suitable costituent materials
4.1	1.3.2	Lightness and design strength
4.1	3.10.2	Protection against dangerous substance and infective agents
4.2.1	3.10.2	Protection against dangerous substance and infective agents
4.2.2	1.3.2	Lightness and design
5.1	1.2.1.3	Maximum permissible user impediment
5.1	2.4	PPE subject to ageing
5.1	3.10.2	Protection against dangerous substance and infective agents
5.2	1.1.1	Ergonomics
5.2	1.2.1.3	Maximum permissible user impediment
5.2	3.10.2	Protection against dangerous substance and infective agents
6	2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety
7	1.3.3	Compatibility of different classes of PPE designed for simultaneous use
7	2.4	PPE subject to ageing
7	2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety
Clause of standard **EN ISO 13982-1**	ANNEX II Regulation EU 2016_425	
4.1	1.2.1.1	Suitable costituent materials
4.1	1.3.2	Lightness and design strength
4.2	1.3.2	Lightness and design strength
4.2.1	3.10.2	Protection against dangerous substance and infective agents
4.3	1.3.1	Adaptation of PPE to user morphology
4.3	1.3.3	Compatibility of different classes of PPE designed for simultaneous use
4.3.1	1.1.2.1	Highest level of protection possible
4.3.1	1.2.1.2	Satisfactory surface condition of all PPE parts in contact with the user
4.3.2	1.1.1	Ergonomics
4.3.2	1.1.2.1	Highest level of protection possible
4.3.2	1.2.1.3	Maximum permissible user impediment
4.3.2	3.10.2	Protection against dangerous substance and infective agents
5, 6	1.4	Information supplied by the manufacturer
6	2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety
6	1.3.3	Compatibility of different classes of PPE designed for simultaneous use
5, 6	2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety

Clause of standard **EN 1149-5**	ANNEX II Regulation EU 2016_425	
6	1.4	information supplied by the manufacturer
5	2.12	PPE bearing one or more identification or recognition marks directly relating to health and safety
4.2	2.6	PPE for use in explosive atmospheres

LABEL

Marking and manufacturer's information are in the official language of the state of destination
Numbers are not smaller than 2 mm and pictograms are not smaller than 10 mm, they are black on white background.
The various components of CE marking must have the same vertical dimension, which may be not less than 5 mm.
Marking must be durable to the appropriate number of clearing processes
The CE marking must be affixed to each piece of manufactured PPE so as to be visible, legible and indelible throughout the expected life of the PPE



Dimension:

CE mark: ≥ 5 mm
Pictograms: ≥ 10 mm
Letters: ≥ 2 mm

Care guideline

					
Do not wash	Do not dry	Do not bleach	Do not iron	Do not dry clean	Flammable fabric