

Altek yapi market san.tic.ltd.şti.

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Manufacturer's instructions and information

CHEMICAL PROTECTIVE COVERALL TP63 code 1967

Instruction for use No. 001 of December 2019

READ CAREFULLY: The existing legislation confer to the employer (user) the responsibility for the identification and for the choice of the adequate PPE on the basis of the risk type correlating to the workplace environment (characteristics of PPE and relative category). It is therefore, appropriate to verify the suitability of the item characteristics with the user needs prior to use. Moreover, the employer must preliminarily inform the worker about the risk types from which he is protected using the PPE, ensuring, if necessary, an education and/or a training, concerning the correct and practical usage of the PPE. The Company declines every responsibility for eventual damages or consequences, due to an improper use, or in case of changes on PPE different from PPE object of certificate. In case that the indications of instructions and information shall not be respected, the PPE shall loss the technical and juridical validity.

Centro Tessile Cotoniero & Abbigliamento S.p.A. (Centrocol), Piazza Sant'Anna 2, 21052 Busto Arsizio VA notified body n. 0624 (Regulation (EU) 2016/425 for Personal Protective Equipment – module C2). The chosen Notified Body for Conformity to type assessment is Centro tessile cotoniero e abbigliamento Spa code 0624

Article: TP63 Coverall code 1967 White Fabric: 100% PP + PE Film fabric 60 g/m² ±5%

Category = III^ Size: from M to XXL

USE: garments object of this instructions and information are in compliance with European standards and they are suitable for the below mentioned usage; they are not suitable for all non-mentioned usage. (in particular concerning all kind of risks related to third category according to Regulation (EU) 2016/425

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	S	M	L	XL	XXL	3XL
Length	165	167	169	174.5	176.5	177.5
Chest	115	117	123	126	130.0	128
Sleeve	76.5	77.5	79	81.5	82.5	85
Leg	77	78	78.5	79.5	80.5	81.5
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RISKS AGAINST THE PPE IT IS INTENDED TO PROTECT:

EN 13034:2005+A1:2009

Type 6 is intended to be used for exposure to a light spray, liquid aerosols or low pressure, low volume splashes, against which a complete fiquid permeation barrier in not required it, when weaters are able to take thenly adequate action when their other than the second of the second coloning for the lowest level of chemical profession and are intended to protect from a potential exposure to small quantities or protection and are intended to protect from a potential exposure to small quantities or

EN ISO 13982-1:2004+A1 :2010

Type 5 is intended to be used for risks of exposure to chemical products resistant to the penetration of solid particles dispersed in the air for the entire trunk

EN ISO 14126:2003+AC :2004

is intended to be used for protection against exposure to infective agents

EN 1073-2 :2002

is intended to be used for protection against risks

LIMITATIONS: exposition to certain chemicals or high concentrations may require higher barrier properties, either in terms of the performances of material or in the construction of the suit. The use shall be the sole judge of the suitability for the type of protection required and the corrected combinations of coveralls and additional equipment. Garments are a partial protection and offer protection only for the part of the body effectively covered, so it shall be integrated, in function of destination use, with PPE adequate to protect parts of body uncovered (legs, torso, arms, head, bands feat). 0 hands, feet).

WAY OF DRESSING:

- Make sure that the size corresponds with the user. Do not make any modifications on product.
- Check that the product has no defect and is in good condition (no holes, unsewed parts, etc.)
- Open the zip, dress up taking care not to break the material. Close the zip and sealed the flap, Make the adhesive stripe attaches to the coverall without folding. In case of airborne solid particulates it is advisable to cover and tape the zipper and to wrap the cuffs and ankles with adhesive tape.
- The protection characteristics are valid only if the item is correctly dressed and closed Protect uncovered parts of body (hands, respiratory areas, foot) with protective gloves, boots, eventual mask etc. attached to the coverall (if necessary adding adhesive stripe) and offered the same level of protection in order to provide for full body protection

LIFETIME: it is suggested to use the product within a period of five years from the date of production written on label Month and year of production.

WARNINGS:

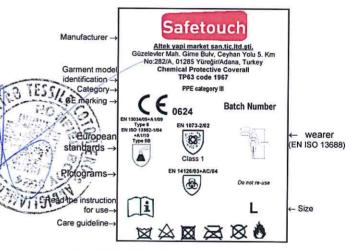
- Choose products compatible with area of work
- If any breaking, punctures etc. occur, leave the working area and wear new coverall.
- The prolonged wearing of chemicals protective suits may cause heat stress. Heat stress and discomfort can be reduced or eliminated by using appropriate undergarments or suitable
- The person wearing the electrostatic dissipative protective clothing shall be properly earlhed. The resistance between the person and the earth shall be less than $10^4\Omega$ e.g. by wearing adequate footwear;
- Electrostatic dissipative protective clothing shall not be open or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances; Electrostatic dissipative protective clothing shall not be used in oxygen enriched atmospheres without prior approval of the responsible safety engineer;
- The electrostatic dissipative performance of the electrostatic dissipative protective clothing can be affected by wear and tear, laundering and possible contamination;
- Electrostatic dissipative protective clothing shall permanently cover all non-complying materials during normal use (including bending and movements).

 This coverall meets the requirement Limn, 82/90 ≤ 30% Ls 8/10 ≤ 15%
- The test method is based on a testing principle similar to the inward leakage test principle for respiratory equipment, for type 1 and type 2 chemical protective clothing and for protective clothing against radioactive contamination. The method provides a measure of the inward leakage into protective clothing by day aerosol particles (generated from a sodium chloride solution) having a mass-median aerodynamic diameter of $0.6 \, \mu m$
- These garments are flammable Keep away from fire
- Abandon the place of work immediately in case of damage of the product . The user shall not take off the garment when he is still in the risk area

EU DECLARATION OF CONFORMITY:

www.safetouch.com.tr

TRANSPORT, CONSERVATION AND DISCARDING: The item should be transported and conserved in a dry place away from sources of light and heat. If not contaminated the product can be treated as a common textile waist. If contaminated it should be treated as harmful age and discarded according to country laws.



MAINTENANCE AND CLEANING

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

Test on whole suits	Result Pass Pass		
Resistance to liquid penetration Spray test type 6 (EN ISO 17491-4 met. A – EN 13034)			
Resistance to aerosol penetration Inward leakage type 5 (EN ISO 13982-2 – EN ISO 13982)			
Nominal protection factor (EN ISO 13982-2 - EN 1073-2)		Class 1	
Practical performance tests (EN 1073-2)		Pass	
Seams: strength (EN ISO 13935-2)		Class 3	
Tests on fabric		Result	
	H ₂ SO ₄ 30%:	class 3	
Resistance to penetration to liquid (EN ISO 6530 – EN 13034)	NaOH 10%:	class 3	
(EN 150 0050 - EN 15054)	o-xilene:	NC	
	Butan-1- ol:	NC	
	H ₂ SO ₄ 30%:	class 3	
Repellency to liquid (EN ISO 6530 – EN 13034)	NaOH 10%:	class 3	
(E14130 0330 - E1413034)	o-xilene:	NC	
	Butan-1- ol:	NC	
Abrasion Resistance (EN 530 - method 2)		Class 4	
Trapezoidal tear resistance (EN ISO 9073-4 EN 1073-2)		Class 3	
Trapezoidal tear resistance (EN ISO 9073-4)	Class 2		
Tensile strength (EN ISO 13934-1)	Class 2		
Puncture resistance (EN 863 - EN 1073-2)	Class 2		
Puncture resistance (EN 863 - EN 13034)	Class 2		
Flex cracking resistance (EN 7854)	Class 6		
Blocking resistance (EN 25978 - EN 1073-2)	Pass		
Ignition and flammability (EN 13274-4 - EN 1073-2)	Pass		
Resistance to penetration by blood-borne phatogens - phi-x174 bacteriophage test - ISO 16603/16604	Class 6		
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids - ISO 22610 (test microorganism: staphylococcus aureus)	Class 6		
Resistance to penetration by contaminated liquid aerosols - ISO DIS 22611 (test microorganism: staphylococcus aureus)	Class 3		
Resistance to penetration by contaminated solid particles - EN ISO 22612 (test microorganism: spores of Bacillus subtilis)	Class 3		
pH (EN ISO 13688 – ISO 3071)	Pass		
Amines (EN ISO 13688 – ISO 3071)	Pass		