STARLINE

DATA SHEET

ST01-556 Jacktex-Light

These overalls provide protection against hazardous dusts. It is ideal for several applications, particularly for hazardous dusts such as asbestos through its breathable fabric. It is favorable for use in many environments through its breathable SMS fabric.

Marking Field
All information required to be provided as per the European norms is stated on the nape label.

Protective Hood
Leakage through the head is prevented by elasticated band on the hood.

Zipper and Velcro
Has two-way zipper allowing a comfortable use. Additional velcro covering the zipper is available for more protection.

Model Number

Elastic Waistband
Has elastic band on the waistline for more comfortable and free movement.

Elastic Wrist & Ankle Protective Band
Prevents leakages through elastic ankle and wrist protective bands.

Fabric Material
SMS fabric offering a barrier quality against several low concentrated inorganic chemicals and particulates up to 1 micron.

Technical Specifications

Fabric Material	SMS Textile 55g/m²
Size	M, L, XL, XXL
Color	White
Carton Content	50 Pieces
Packaging	1 Piece
Category	CAT III
Standards	EN ISO 13982-1:2004+A1:2010 (Type5) EN 13034:2005+A1:2009 (Type6) EN 1073-2:2002 (class1) EN 1149-5:2008 EN 340:2003

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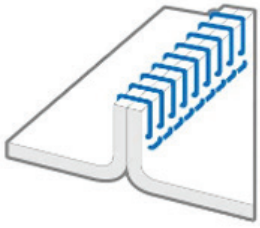
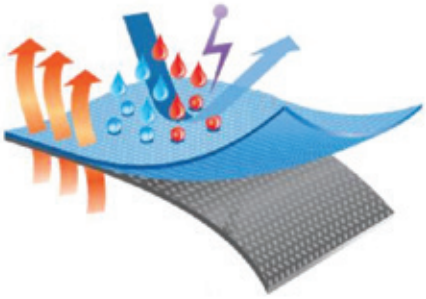
SEAM METHOD AND FABRIC TEXTURE



SEAM METHOD

Offers more long-wearing through overlock and 4 thread seam system and higher protection level.

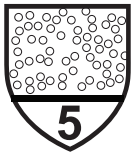


FABRIC TEXTURE

Receives heat from your body by transferring and prevents sweating. Offers a barrier quality against several low concentrated inorganic chemicals and particulates up to 1 micron. Has anti-static protection quality.

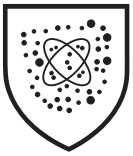
STANDARDS

These overalls are designed to protect against hazards which may cause serious and irremediable damage the health in the circumstances considered as not be recognized by the user defined in PPE Directive 89/686/EEC and life-threatening. This product has passed tests of performance against airborne solid particulates, limited-protection performance against liquid chemicals, protection performance against Radioactive particle contaminations, chemical protection, electrostatic properties. EN 340: Passed tests of protective clothing, Material performance and design features.



TYPE 5
EN ISO13982-1
:2004+A1:2010

TYPE 6
EN 13034:2005
+A1:2009



EN 1073-2
:2002 class1

EN 340:2003

EN 1149-5
:2008

CE

Areas of Use

Agriculture

Construction

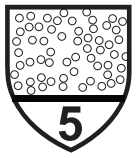
Paint and Printing House

Automotive

Cleaning

Suitable for use in asbestos removal and cleaning processes, production areas containing cement, metal grinding and polishing, light industrial cleaning and machine maintenance, storage, allocation and building maintenance works, printing sector, pharmaceutical processes and working with toxic dusts.

STANDARD REMARKS



TYPE 5
EN ISO13982-1
:2004+A1:2010

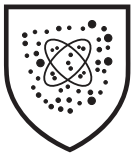
EN 13982-1 PROTECTIVE CLOTHING FOR USE AGAINST SOLID PARTICULATES
SECTION 1: Performance requirements for chemical protective clothing providing protection to the full body against airborne solid particulates (type 5 clothing) (ISO 13982-1:2004)
REQUIREMENTS:
This standard specifies the minimum requirements for chemical protective clothing resistant to penetration by airborne solid particulates (type 5). These garments are full-body protective clothing, i.e. covering trunk, arms and legs, such as one-piece overalls or two piece suits, with or without hood or visors, with or without foot protection.
Requirements for component parts, such as hoods, gloves, boots, visors or respiratory protective equipment might be specified in other International and European Standards.
This standard is applicable only to airborne solid particulates. This standard is not applicable to other forms of challenge by solid chemicals (e.g. penetration of chemical dust through materials by rubbing or flexing) which may form the object of separate standards.

TYPE 6
EN 13034:2005
+A1:2009

EN 13034 PROTECTIVE CLOTHING AGAINST LIQUID CHEMICALS.
Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (type 6 and type 6b equipment)
REQUIREMENTS:
This standard specifies the minimum requirements for limited use and re-usable limited performance chemical protective clothing. Limited performance chemical protective clothing is intended for use in cases of a potential exposure to a light spray, liquid aerosols or low pressure, low volume splashes, against which a complete liquid permeation barrier (at the molecular level) is not required.

This standard covers both chemical protective suits (Type 6) and partial body protection (Type 6B).
Partial body protection of similar limited performance (Type 6B) covers and protects only specific parts of the body, e. g. coats, aprons, sleeves etc. They should not be tested to the whole suit test.

STANDARD REMARKS



EN 1073-2
:2002 class1

EN 1073-2 PROTECTIVE CLOTHING AGAINST RADIOACTIVE CONTAMINATION
SECTION 2: Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination
REQUIREMENTS:
This Standard specifies the requirements and test methods for non-ventilated protective clothing protecting the wearer against particulate radioactive contamination. Such clothing is intended to protect only the body, arms and legs of the wearer, but it may be used with accessories which provide protection to additional areas of the wearer (e.g. boots, gloves). Protection to these other areas is specified in other European Standards.
This standard does not apply for the protection against ionizing radiation and the protection of patients against contamination with radioactive substances by diagnostic and/or therapeutic measures.

EN 340:2003

EN 340 PROTECTIVE CLOTHING
This standard is a reference standard to be called up as appropriate by specific standards. This standard cannot be used alone but only in combination with another standard containing requirement for specific performance of a product in providing protection. If specific requirements are needed, they should be specified in the appropriate standard for those products.
REQUIREMENTS:
This standard specifies general performance requirements for ergonomics, innocuousness, size designation, ageing, compatibility and marking of protective clothing and the information to be supplied by the manufacturer with the protective clothing.

EN 1149-5
:2008

EN 1149-5 PROTECTIVE CLOTHING - ELECTROSTATIC PROPERTIES
SECTION 5: This standard is part of a series of standards for test methods and requirements for electrostatic properties of protective clothing. Different parts are necessary, because of the various fields of application and materials. This standard covers a test method for measurement of the vertical electrical resistance of protective clothing. This standard is not applicable for protection against mains voltages.

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PERFORMANCE TABLE

PHYSICAL DATA	TEST METHOD	RESULT	CLASS
Abrasion resistance	EN530	>350 cycles	2/6
Seam Strength	ISO 13935-2:2001	78.3N	3/6
		141.0N	3/6
PH Value	ISO 3071:2006	Pass	
Resistance to ignition	EN 13274-4 method 3	Pass	
Flex Cracking	ISO 7854 method B	>15,000 cycles	4/6
Tensile strength	ISO 13934-1:2000	54N	1/6
		120N	1/6
Trapezoidal Tear Strength	ISO9073-4:1999	33.8N	2/6
		68N	2/6
Decreased Repelling Test	EN468(EN13034/05) Type 6	Pass	
Total Inward Penetration	EN13982-1/04 Type 5	Pass	

EN368-ISO 6530:2005 - Test method the resistance to penetration by liquids.			
H2SO4(Sulfuric acid) 30%	EN368	Class 3/3 (92.4%)	Class 3/3 (0%)
NaOH(Sodium Hydroxide) 10%	EN368	Class 3/3 (96.7%)	Class 3/3 (0%)
Oxylene	EN368	No Class (3.4%)	No Class (21.5%)
Butan 1 ol	EN368	No Class (18.6%)	Class 1/3 (17.1%)

TYPE 5: Overalls are manufactured to protect specially both product and personnel. Generally used for airborne particulates, severe toxic and fiber.
TYPE 6: These overalls are manufactured to provide protection against limited liquids and sprays. Suitable for use in environments where the risk of exposure to chemical substances is low.

Size Table		
	Height	Breast
M	170-176	92-100
L	176-182	100-108
XL	182-188	108-116
XXL	188-194	116-124

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Maintenance and Cleaning

Always ensure that whole product is suitable for use, properly worn, worn throughout all exposure period and replaced if required before each use. Refer to all information provided for suitable and proper use. Consult our occupational safety specialist for more information. Overalls should be completely fastened and cover inner garments. Strap full-length of the pocket with sticky tape for complete protection. Strap cuffs, wrist and hood with sticky tape to the additional personal protective equipment. Use of regular rest periods and absorbent cotton underwear may lessen heat stress arising from long-term applications. Protective clothing should be used with anti-static accessories or business applications to ensure anti-static properties to be efficient. User should be properly grounded through skin contact or other grounding methods and thus, resistance should be lower than 10^8 ′Ω.

- Do not wash
- Non-chlorine bleach
- Do not iron
- Non-usable in rotary driers
- Do not dry-clean
- Flammable

Service Life

Never modify and/or repair this product. Do not use clothing which is damaged, heavily contaminated or non-suitable for your operations. Shelf life is available on the product packaging.

Storage

Store the products in accordance with manufacturer's instructions. Check whether shelf life of the product specified is included or not before first use. Handle the product in its original packaging. Product should be treated as hazardous waste and subjected to waste treatment according to national regulation on contaminated products.

Order Information

MODEL	Size	Barcode	Carton Quantity	Dimension	Weight
ST01-556	M	8698547320051	50 Pieces	32 x 52 x 52cm	7.40kg.
ST01-556	L	8698547320068	50 Pieces	32 x 52 x 52cm	7.90kg.
ST01-556	XL	8698547320075	50 Pieces	32 x 52 x 52cm	8.30kg.
ST01-556	XXL	8698547320082	50 Pieces	32 x 52 x 52cm	8.80kg.