



TYVEK

Cleanroom-one-way-clothing

MATERIAL: particle tight TYVEK-PROTECH

100% Polyethylene with a unique structure. Millions of fine spun fibres build a tight surface structure which is an excellent protective shield against particles up to a size of 0,5µ.

Characteristics:

Antistatic:

With its low electrostatic charging TYVEK is in accordance to the American regulation NFPA56 A. However during washing or cleaning the antistatic ability will get lost.

Tensile strength:

In dry or wet condition TYVEK remains equally resistant to tearing towards all directions. Down to a temperature of -73°C TYVEK also remains strong and flexible. A net of finest Polyethylene fibres ensures good bursting and abrasive resistance as well as an extraordinary resistance to further tearing. TYVEK-clothing can be worn and washed numerously.

Resistance to chemicals:

TYVEK is chemically and biologically fully neutral. The physical properties are not influenced by most of the organic and anorganic chemicals, including acids, bases and salts. During absorption of special organic solvents, slight swelling may occur before evaporation.

Flameresistant:

When TYVEK is exposed to flames it shrinks quickly. When the flame follows the shrinking material it sets fire at a temperature of appr. 340°C .

Dust class: ISO 7/8




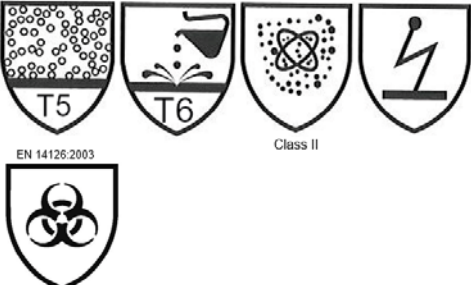


Colour: White

Sizes:



Equal to German size:

Gr. 1 or S	42 – 44
Gr. 2 or M	46 – 48
Gr. 3 or L	50 – 52
Gr. 4 or XL	54 – 56
Gr. 5 or XXL	58 – 60

All clothes are oversized and thus other clothing can be easily worn underneath.

Model:	Art.-no.:	Sizes:	Description:
<p>Overall <i>(Industry)</i></p> 	<p>ETOK1PT25S ETOK1PT25M ETOK1PT25L ETOK1PT25XL ETOK1PT25XXL ETOK1PT25-4L</p>	<p>S M L XL XXL XXXL</p>	<p>Elastic bands at arms and back Collar Covered zip</p> <p>CE category III Type 5+6</p> <p>EN ISO 13982-1:2004 EN ISO 13034:2005 EN 1073-2:2002 EN 1149-5:2008</p> 
<p>Overall <i>(Classic Xpert)</i></p> 	<p>ETOK7PT25S ETOK7PT25M ETOK7PT25L ETOK7PT25XL ETOK7PT25XXL ETOK7PT25-4L</p>	<p>S M L XL XXL XXXL</p>	<p>Elastic bands at arms, legs and back Hood Covered zip</p> <p>CE category III Type 5+6</p> <p>EN ISO 13982-1 EN ISO 17491-4 EN 1073-2:2002 EN 1149-5:2008</p> 
<p>Coat</p> 	<p>ETKKDTK1/2M ETKKDTK1/3L ETKKDTK1/4XL ETKKDTK1/5XXL</p> <p>ETKRVTK1/2M ETKRVTK1/3L ETKRVTK1/4XL ETKRVTK1/5XXL</p>	<p>M = size 2 L = size 3 XL = size 4 XXL = size 5</p>	<p>Collar 5 push buttons 3 bags</p> <p>Collar Zip fastener 2 bags</p> <p>PPE category I Antistatic equipment (EN 1149-5) on both sides</p>
<p>Shoe cover</p> 	<p>ETKSM21T14</p>	<p>Height: 21 cm</p>	<p>Made from Tyvek® 500 With elasticated end, inner seams, colour: white</p> <p>Partial body protection Cat. III, Type PB[6-B] EN 14126 Protection clothing against infectious agents Antistatic equipment (EN 1149-1)</p>



			on both sides
Arm cuff 	ETKA2T1450	Length: 50 cm	Made from PE Elasticated ends PPE category I Antistatic equipment (EN 1149-5) on both sides
Over boots 	ETKSH55T14-1 ETKSH55T14	Height: 48 cm Length: 42 cm	Model POBO, unisize Model POBA, unisize with anti-slip sole PPE category I Antistatic equipment (EN 1149-5) on both sides

Aprons

PPE category I
Antistatic equipment (EN 1149-5)
on both sides

Material: TYVEK (T14)
Description: with neck loop, to tie on the back
Length: 100 cm
Color: white
Packaging unit: 100 pcs.
Article-no.: ETKST14



Material: TYVEK "F" – with drop border -
Description: with neck loop, to tie on the back
Length: 130 cm
Color: grey
Packaging unit: 1 pc
Article-no.: ETKSTF



Technical information

Properties	Test method	Tyvek® (Type 1431N)	Tyvek® F
Bursting strength	ISO 2960 (50 cm ²)	108 kPa	227 kPa
Resistance against high temperatures	-	Melting point 135°C	Seams open at 98°C
Resistance against low temperatures	-	Flexible up to -73°C	Flexible up to -73°C
Thickness	EN 2 0534	130 µm	206 µm
Cutting resistance	prEN 863	10,8 N	30,9 N
Weight	ISO 536	41 g/m ²	115 g/m ²
Air permeability	ISO 5636-5 (time for 100 ml)	20s	Not permeable to air
Surface resistance (at 25% humidity)	EN 1149-1	4,8x10 ⁹ Ohm (uneven layer) 1,7x10 ¹⁰ Ohm (smooth layer)	5,9x10 ⁹ Ohm (inside) 1x10 ¹³ Ohm (outside)
Tesile strength (trapeze/L/Q)	ISO 9073-4	26,1 / 30,6 N	37,2 / 47,5 N
Steam permeability	ASTM E 398	1700 g/m ² , 24h	Not permeable to steam
Water contact resistance (water head/cm)	ISO 811	120 cm	> 300 cm

hans j. michael gmbh

Gewerbegebiet Hart 11, D-71554 Weissach i.T., Phone: 0049-7191-9105-0, Fax: 0049-7191-9105-19
 e-mail: office@hjm-reinraum.de, website: www.cleanroom-hjm.com