

uvex 4B

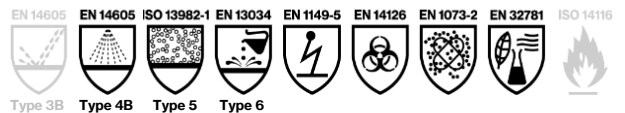


Modell:	8959
Article No.:	98375
Size:	S – 3XL
Material:	Polypropylene spunbound laminated with Polyethylene film
Colour:	white-orange
Order Unit:	1 PC
Outer packaging	40 PC per CT

PPE-Category III



Certified according to



Areas of application:

- low-pressure industrial cleaning and building cleaning
- ship building and automobile manufacture
- chemical and pharmaceutical industries
- handling paints and varnishes
- agriculture and horticulture
- electronics and cleanroom environments
- work with asbestos and dismantling
- remediation of contaminated sites
- pharmaceutical industry and laboratories
- sampling
- livestock breeding and veterinary medicine
- waste management

Product description:

- **Protective clothing against infective agents**
- breathable, lightweight and flexible material for exceptional wearer comfort
- skin-friendly nonwoven material inside
- taped seams for optimal protection
- self-adhesive zipper flap and taped seams for optimal protection
- optimal fit with elasticated waistband
- secure and convenient closures thanks to elasticated bands on hood, arms and legs
- middle finger loops prevent sleeves sliding up the arm

Performance data*:

	unit	Ergebnis Bereich / result	Klasse / class
EN 14325 physical properties			
EN 530 Abrasion resistance	cycles	> 100	2 of 6
EN ISO 7854 Flex cracking resistance	cycles	> 100.000	6 of 6
EN ISO 9073-4 Tear resistance (MD)	N	> 20	2 of 6
EN ISO 9073-4 Tear resistance (CD)	N		
EN ISO 13934-1 Tensile strength (MD)	N	> 30	1 of 6
EN ISO 13934-1 Tensile strength (CD)	N		
EN 863 Puncture resistance	N	10	2 of 6
EN ISO 13938-1 Burst resistance	kPa		
EN 13274-4 Resistance to ignition		passed	-
EN 14325 chemical properties			
ISO 6530 Repellence of liquids			
Sulphuric acid (30%)	%	> 95	3 of 3
Sodium hydroxide (10%)	%	> 95	3 of 3
o-Xylene	%	> 95	2 of 3
Butan-1-ol	%	> 95	2 of 3
ISO 6530 Resistance to penetration by liquids			
Sulphuric acid (30%)	%	> 1	3 of 3
Sodium hydroxide (10%)	%	> 1	3 of 3
o-Xylene	%	> 1	3 of 3
Butan-1-ol	%	> 1	3 of 3
Electrostatic properties			
EN 1149-5: Electrostatic properties	Ω	passed	-
Whole suit test results			
EN ISO 13935-2 seam strength	N		3 of 6
Type-tests			
EN 14605 / ISO 17491-3 Jetttest (Type 3)			
EN 14605 / EN 17491-4 Spayhtest (Type 4)		passed	-
EN ISO 13982-1 / EN ISO 13982-2 Particle penetration test (Type 5)* ²	TIL %	passed	-
EN 13034 / EN 468 Reduced spray test (Type 6)		passed	-
Radioactive Particles			
EN 1073-2 Barrier to radioactive particulates		passed	1 of 3

* Tested under laboratory conditions: temperature (20 ± 2)°C and (65 ± 5)% relative humidity

** Particle size according to details on testing substance as mentioned in EN136, 8.16.3.2.2: "particle size description must be 0,02µm - 2µm EAD with a MMD of 0,6µm"

Performance data*:

	unit	Ergebnis Bereich / result	Klasse / class
EN 14126 Barrier to infective agents			
ISO 16603: Determination of the resistance of protective clothing materials to penetration by blood and body fluids — Test method using synthetic blood	kPa		6 of 6
ISO 16604: Determination of resistance of protective clothing materials to penetration by blood-borne pathogens — Test method using Phi-X174 bacteriophage	kPa		6 of 6
EN ISO 22610: Resistance to wet bacterial penetration (mechanical contact)	min		6 of 6
ISO/DIS 22611: Resistance to penetration by biologically contaminated liquids	log R		3 of 3
ISO/DIS 22612: Resistance to penetration by biologically contaminated dust	log cfu		3 of 3
EN 14126: attachment A Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids	min		-
Various additional Tests			
EN 20811 hydrostatic head (water pressure test)	cm	80	
EN 31092 / ISO 11092 Water vapour resistance R_{et}	$m^2 \cdot Pa/W$	≤ 20	3 of 3
EN ISO 9237 air permeability	$l/(m^2 \cdot s)$		
UPF Material		50+	-
DIN 32781 protection against pesticides			
Brand Name / ZA-No. - Manufacturer			
U46-D-Fluid / 0941-00 - BASF	%	n.d.	-
Pirimor Granulat / 2470-00 - Syngenta	%	n.d.	-
Amistar / 5090-00 - Syngenta	%	n.d.	-
Betanal Expert / 4991-00 - Bayer CropScience	%	n.d.	-
Folicur / 4028-0 - Bayer CropScience	%	n.d.	-

* Tested under laboratory conditions: temperature (20 ± 2)°C and (65 ± 5)% relative humidity

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