

uvex 5/6 comfort



Model:	9877
Article No.:	98710
Size:	S – 3XL
Material:	Polypropylene spunbound laminated with Polyethylene film, back PP-SMS
Colour:	white-lime
Order Unit:	1 PC
Outer packaging	40 PC per CT

PPE-Category III



Certified according to



Areas of application:

- handling chemicals in dust and powder form
- varnishing and protection against paint splashes
- fiberglass production and processing
- industrial cleaning and maintenance
- automotive industry
- grinding and polishing
- cement manufacture
- mining and quarrying
- demolition and refurbishment
- working with asbestos
- wood and metal processing
- construction industry
- cleanroom applications
- pharmaceutical industry

Product description:

- the combination of laminate and a SMS back section provides a high level of moisture management, without reducing protection
- suitable for cleanroom environments Class 8 in accordance with ISO 14644-1
- bound seams in contrasting colours
- self-adhesive zipper flap for optimal protection
- optimal fit with elasticated waistband
- safe and convenient closures thanks to elasticated bands on the hood, arms and legs
- middle finger loops prevent sleeves sliding up the arm

Performance data*:

	unit	SMS Ergebnis Bereich / result	Klasse / class	Laminat Ergebnis Bereich / result	Klasse / class
EN 14325 physical properties					
EN 530 Abrasion resistance	cycles	> 100	2 of 6	> 100	2 of 6
EN ISO 7854 Flex cracking resistance	cycles	> 15.000	4 of 6	> 40.000	5 of 6
EN ISO 9073-4 Tear resistance (MD)	N	> 20	2 of 6	> 10	1 of 6
EN ISO 9073-4 Tear resistance (CD)	N	> 20	2 of 6	> 10	1 of 6
EN ISO 13934-1 Tensile strength (MD)	N	> 30	1 of 6	> 30	1 of 6
EN ISO 13934-1 Tensile strength (CD)	N	> 30	1 of 6	> 30	1 of 6
EN 863 Puncture resistance	N	> 5	1 of 6	> 5	1 of 6
EN ISO 13938-1 Burst resistance	kPa	> 5	1 of 6	> 160kPa	3 of 6
EN 13274-4 Resistance to ignition		-	-	-	-
EN 14325 chemical properties					
ISO 6530 Repellence of liquids					
Sulphuric acid (30%)	%	> 95	3 of 3	> 95	3 of 3
Sodium hydroxide (10%)	%	> 95	3 of 3	> 95	3 of 3
o-Xylene	%	-	-	> 95	3 of 3
Butan-1-ol	%	-	-	> 90	2 of 3
ISO 6530 Resistance to penetration by liquids					
Sulphuric acid (30%)	%	< 1	3 of 3	< 1	3 of 3
Sodium hydroxide (10%)	%	< 1	3 of 3	< 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	-	passed	-
Whole suit test results					
EN ISO 13935-2 seam strength	N	> 75	3 of 6	> 75	3 of 6
Type-tests					
EN ISO 13982-1 / EN ISO 13982-2 Particle penetration test (Type 5)*2	TIL %	passed	-	passed	-
EN 13034 / EN 468 Reduced spray test (Type 6)		passed	-	passed	-
Radioactive Particles					
EN 1073-2 Barrier to radioactive particulates		-	-	-	-
EN 25978 Resistance zu blocking - coated materials		-	-	-	-
Various additional Tests					
UPF Material		5		50+	

→ The lowest result is crucial for the classification, divergent results are shown in grey !

Suitability by cleanroom class / tested according to ISO 9073-10 (Linting-test)									
ISO 14644-1 Class	1	2	3	4	5	6	7	8	9
US Federal Standard 209	-	-	1	10	100	1.000	10.000	100.000	
uvex 5/6								X	X

* 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"