

Product:	SafeGuard Boot	
Trademark:	SAFE®	
REF:	974	
Manufacturer:	DACH Schutzbekleidung GmbH & Co. KG	

Classification:	- CAT III according to the Personal Protective Equipment (PPE) Regulation (EU) 2016/425. - Helmke Drum Test accordingly IEST-PR-CC003.4: Category III We recommend the use in clean rooms accordingly EN ISO 14644-1: ISO class 7 to 9.				
	Type	Standard	Description		
	PB ^(*) [6]	EN 13034	Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals		
		EN 1149-5	Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements		
	(*) "PB" means Partial Body Protection.				
	TYP PB [6] EN 13034 	EN 1149-5 			
Material:	- Fabric: Tri-laminate, 100% polypropylene, antistatic treated. - Elastic: synthetic elastomer, free from natural latex				
Product description:	The SafeGuard Boot is made of a particle-filtering, liquid-repellent spunbonded fabric manufactured with SMS technology. The non-slip sole provides a secure footing even on slippery floors. The opening of the boot cover is bordered with an elastic. Cleanroom classification: Category II according to IEST-RP-CC003.3, Helmke Drum Test. According to the assessment of the laboratories, category II products can be applied in ISO cleanrooms of classes 7-9.				
Product performance:	Physical Properties				
	Property	Standard	Unit	Result	EN-Class/ Pass

	Abrasion resistance	EN 530 method 2	Cycles	> 500	Pass	
	Tear resistance (trapezoidal) (Tansversal/longitudinal)	EN ISO 9073-4	Cycles	>60/>20	Pass	
	Tensile strength (Tansversal/longitudinal)	EN ISO 13934-1	N	>100/>60	Pass	
	Puncture resistance	EN 863	N	>5	Pass	
	Seam strength	EN ISO 13935-2	N	>75	Pass	
	Resistance against penetration by liquid chemicals accordingly EN ISO 6530:					
	Chemical		Repellency- index [%]	EN-Class	Penetratio n-index [%]	EN- Class
	Sulphuric Acid (30%)		>95	3	< 1	3
	Sodium Hydroxide (10%)		>95	3	< 1	3
	Butan-1-ol		< 80	0	> 10	0
	o-xilene		0	0	> 10	0
	Test results Helmke-Drum Test IEST-PR-CC003.4 (Average)					
	Particle size	Particle count (per cm²)			Helmke-Drum Test IEST-PR-CC003.4	
	≥ 0,3 µm - < 0,5 µm	0,0079				
	≥ 0,5 µm - <1,0 µm	0,0109				
	≥ 1,0 µm - < 5,0 µm	0,0230				
	≥ 5,0 µm	0,0043				
Size:	Length: 39 cm, height: 45 cm Suitable for shoe size 38 to 45.					
Color:	White					

Packaging and variants:	Packaging	Quantity
	Bag	5 Pair
	Shipping carton	100 Pair
GTIN:	974	4049825004141
Storage:	Store dry in original packaging without direct sunlight. (see packaging) If the storage conditions are observed, the product has a storage life of 10 years. (see labeling on the product)	
Environmental sustainability and disposal:	In the case of contaminated products, the type and extent of contamination determines the disposal, and the applicable laws and regulations of the relevant country must be followed. A non-contaminated product can be thermally recycled or disposed of in landfills without releasing toxic substances.	