

## Customer information

## Disinfectant compatibility

## PU-FR-EL-AB-coated textile

<b>Test procedure:</b>	Determination of resistance to surface disinfectants with different active ingredient basis
<b>Test material:</b>	H3343 flame-retardant, electrically conductive, antibacterial PUR coating on polyamide knitted fabric
<b>Test execution:</b>	The test was carried out using the inlay method instead of wiping disinfection in order to ensure that the material to be tested remained in contact with the disinfectant for the specified exposure time. After the exposure time had expired, the material to be tested was washed out for 45 minutes at 30 ° C and then completely dried. Subsequently, the material to be tested was evaluated. In order to simulate the long-term behavior, the entire process was repeated in 10 test cycles.

**Valuation:** The visual assessment was carried out according to the following classification :

Characteristic value	Intensity of the change of the coating
0	No change to the surface
1	Temporary swelling of the coating during contact with disinfectant
2	Slight deformation of the coating after drying
3	Significant deformation of the coating after drying
4	Peeling off / destruction of the coating
F	Color change of the coating

The examined material was tested according to DIN EN ISO 811 Textiles - Determination of resistance to water penetration - Hydrostatic pressure test (ISO 811: 2018).

Test substance	Active ingredient basis	c [%]	ET [min]	Optical evaluation		Waterproofness after 10 test cycles
				after 1 test cycle	after 10 test cycles	
<b>WOFASEPT®</b> KESLA PHARMA WOLFEN GMBH	Phenol / Phenol derivate	2**	30**	1	1	>1.000
<b>AMOCID®</b> Lysoform Dr. Hans Rosemann GmbH	Phenol / Phenol derivate	5*	360*	1	1	>1.000
<b>OPTISEPT</b> Dr. Schumacher GmbH	Aldehyde, quaternary Ammonium compound	7*	240*	1	1	>1.000
<b>KOHRROLIN® EXTRA</b> Bode Chemie GmbH	Aldehyde, quaternary Ammonium compound	6*	120*	1	1	>1.000
<b>PERFORM®</b> Schülke & Mayr GmbH	Peroxide compound	3*	240*	1	1	>1.000
<b>TRICHLOROL®</b> Lysoform Dr. Hans Rosemann GmbH	Chloramide	3*	120*	1	1	>1.000
<b>QUARTAMON®MED</b> Schülke & Mayr GmbH	Quaternary Ammonium compound	1**	60**	1	1	>1.000
<b>TERRALIN® PROTECT</b> Schülke & Mayr GmbH	quaternary Ammonium comp., Glycol derivate	0,5**	60**	1	1	>1.000
<b>INCIDIN® LIQUID</b> Ecolab Deutschland GmbH	Alcohol (2-Propanol 35%, 1-Propanol 25%)	100**	5**	1	1	>1.000
<b>Isopropanol</b>	Alcohol	70**	5**	1	1	>1.000

Concentration (c) and exposure time (ET) according to the disinfectant list ... \* of the Robert Koch Institute (RKI) | \*\* of the Association for Applied Hygiene e.V. (VAH)

**Annotation:** The results are based on intensive internal tests. The content does not represent a contractual legal relationship. The processor / buyer is not released from the responsibility of testing our products for their suitability for the intended application. In addition, our general terms and conditions apply.