

Customer information

Disinfectant compatibility

PU-FR-coated textiles

Test procedure: Determination of resistance to surface disinfectants with different active ingredient basis

Test material: H3318, L1303 colour: pink (*deviations in other colors are possible*)

Test execution: 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	
WOFASEPT® KESLA PHARMA WOLFEN GMBH	Phenol / Phenol derivate	2**	30**	0	0	>1.000
AMOCID® Lysoform Dr. Hans Rosemann GmbH	Phenol / Phenol derivate	5*	360*	1	2	>1.000
OPTISEPT Dr. Schumacher GmbH	Aldehyde, quaternary Ammonium compound	7*	240*	1	1	>1.000
KOHRROLIN® EXTRA Bode Chemie GmbH	Aldehyde, quaternary Ammonium compound	6*	120*	0	1	>1.000
PERFORM® Schülke & Mayr GmbH	Peroxide compound	3*	240*	0	1	>1.000
TRICHLOROL® Lysoform Dr. Hans Rosemann GmbH	Chloramide	3*	120*	0	0	>1.000
QUARTAMON®MED Schülke & Mayr GmbH	Quaternary Ammonium compound	1**	60**	1	1	>1.000
TERRALIN® PROTECT Schülke & Mayr GmbH	quaternary Ammonium comp., Glycol derivate	0,5**	60**	1	1	>1.000
INCIDIN® LIQUID Ecolab Deutschland GmbH	Alcohol (2-Propanol 35%, 1-Propanol 25%)	100**	5**	0	1	>1.000
Isopropanol	Alcohol	70**	5**	0	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)

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