

Permeation breakthrough times according to EN ISO 374:2016

CHEMICAL AGENT	CAS NUMBER	MEAN BREAKTHROUGH TIME (MINUTES)	PROTECTIVE INDEX	PART
Sodium Hydroxide NaOH 40%	1310-73-2	>480	6	Palm
Ammonia 25%	7664-41-7	12	1	Palm
Formaldehyde 37%	50-00-0	>480	6	Palm
Isopropyl alcohol (IPA) 70%	67-63-0	47	2	Palm
Ethanol 70%	64-17-5	51	2	Palm

Historical permeation data according to EN 374-3:2003

CHEMICAL AGENT	CAS NUMBER	MEAN BREAKTHROUGH TIME (MINUTES)	PROTECTIVE INDEX	PART
Ammonium Fluoride 40%	12125-01-8	>480	6	Palm
Phosphoric Acid 85%	7664-38-2	>480	6	Palm
Tetramethylammonium Hydroxide 3%	75-59-2	>480	6	Palm
Hydroxylamine 10%	7803-49-8	>480	6	Palm
Trichloroacetic Acid 100% (as a finely divided solid)	76-03-9	113	3	Palm
Sodium Hydroxide 1%	1310-73-2	355	5	Palm
Hydrogen Peroxide Solution 5%	7722-84-1	>480	6	Palm
Sulphuric Acid 20%	7664-93-9	>480	6	Palm

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Sodium Hydroxide NaOH 40%	1310-73-2	>480	6	Palm
Ammonia 25%	7664-41-7	12	1	Palm
Formaldehyde 37%	50-00-0	>480	6	Palm

Historical permeation data according to EN 374-3:2003

CHEMICAL AGENT	CAS NUMBER	MEAN BREAKTHROUGH TIME (MINUTES)	PROTECTIVE INDEX	PART
Isopropyl alcohol (IPA) 70%	67-63-0	116	3	Palm
Ethanol 70%	64-17-5	33	2	Palm

Double Glove: BioClean™ Fusion Sterile Polychloroprene Gloves – S-BFAP & BioClean™ Fusion Non-sterile Polychloroprene Gloves – BFAP Permeation breakthrough times according to EN 16523-1:2015

CHEMICAL AGENT	CAS NUMBER	MEAN BREAKTHROUGH TIME (MINUTES)	PROTECTIVE INDEX	PART
Isopropyl alcohol (IPA) 70%	67-63-0	233	4	Palm
Ethanol 70%	64-17-5	143	4	Palm

RATING SYSTEM						
0	1	2	3	4	5	6
<10	10-30	30-60	60-120	120-240	240-480	>480
NOT RECOMMENDED	SPLASH PROTECTION		MEDIUM PROTECTION		HIGH PROTECTION	

Data given in the table above are based on results of laboratory tests performed on the palm area of the glove or on the cuff area if relevant. These tests were run using standard test methods that may not adequately replicate any specific conditions of end use. We wish to highlight that permeation times do not equate to safe wear time. Because Ansell has no detailed knowledge or control over the conditions of end use, any of these data must be advisory only, and Ansell must decline any liability.

Contact your Ansell representative for ordering or more information.

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