

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	16	1	Palm
Formaldehyde 37%	50-00-0	>480	6	Palm
Isopropyl alcohol (IPA) 70%	67-63-0	42	2	Palm
Ethanol 70%	64-17-5	27	1	Palm

Historical permeation data according to EN 374-3:2003

CHEMICAL AGENT	CAS NUMBER	MEAN BREAKTHROUGH TIME (MINUTES)	PROTECTIVE INDEX	PART
Formaldehyde 30%	50-00-0	>480	6	Palm
Hydrochloric Acid 32%	7647-01-0	>480	6	Palm
Sodium Hypochlorite 12%	7681-52-9	>480	6	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

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.

North America
US Tel: 800 952 9916
CA Tel: 1-844-494-7854
Email: insidesalesus@ansell.com

Central & South America
Tel: +52(442) 296 20 50
Email: cslac@ansell.com
Brazil
Tel: +55-11-3356-3100
Email: luvas.medicas@ansell.com

Europe, Middle East & Africa
Tel: +32 (0) 2 528 74 00
Email: info@ansell.eu

Asia Pacific
Tel: +603 8310 6688
Email: apac.medical@ansell.com

Australia & New Zealand
Tel: +61 3 9270 7270
Email: protection@ap.ansell.com