

**Chemical Permeation Table** (printed 2021-03-05)  
Standard [EN16523-1]

Glove	Concentration	CAS Number	Kimtech™ Prizm™ Xtra Gloves	
			EN 16523-1 Permeation	EN 374-4 Degradation
Acetic Acid	99%	64-19-7	17	69,8%
Acetone	99%	67-64-1	<1	74,6%
Acetonitrile	99%	75-05-8	<1	71,7%
Ammonium Hydroxide	25%	1336-21-6	38	24,5%
Carbon Disulphide	99%	75-15-0	<1	84,8%
Chloroform	99%	67-66-3	<1	83,9%
Cyclohexane	99%	110-87-7	326	19,6%

Glove	Concentration	CAS Number	Kimtech™ Prizm™ Xtra Gloves	
			EN 16523-1 Permeation	EN 374-4 Degradation
Dichloromethane	99%	75-09-2	<1	100,0%
Diethylamine	99%	109-89-7	<1	87,4%
Dimethyl Sulphoxide	99,50%	67-68-5	38	47,2%
Dimethylformamide	99%	68-12-2	<1	94,4%
Ethanol	70%	64-17-5	>480	50,4%
Ethidium Bromide	1%	1239-45-8	>480	-24,9%
Ethyl Acetate	99%	141-78-6	<1	83,4%
Formaldehyde	37%	50-00-0	>480	29,8%
Glutaraldehyde	50%	111-30-8	>480	-6,9%
Hydrochloric Acid	37%	7647-01-0	>480	3,40%
Hydrofluoric Acid	40%	7664-39-3	93	

Glove	Concentration	CAS Number	Kimtech™ Prizm™ Xtra Gloves	
			EN 16523-1 Permeation	EN 374-4 Degradation
Hydrogen Peroxide	30%	7722-84-1	>480	28,9%
Isopropyl alcohol	70%	67-63-0	139	40,7%
Isopropyl alcohol	99%	67-63-0	79	47,6%
Methanol	99%	67-56-1	4	67,1%
Nitric Acid	65%	7697-37-2	72	95,9%
Sodium Hydroxide	40%	1310-73-2	>480	-12,9%
Sodium Hypochlorite	14%	7681-52-9	>480	-28,9%
Sulphuric Acid	96%	7664-93-9	48	99,2%
Tetrahydrofuran	99%	109-99-9	<1	91,7%
Toluene	99%	108-88-3	<1	88,5%
n-Heptane	99%	142-82-5	>480	42,2%

Disclaimer: All data provided is based on results of tests performed in accordance with the relevant test standard (Chemical Permeation: EN16523-1 or EN374-3; Degradation: EN374-4), by an independent laboratory which has approval from a notified body under the CE Regulation (Or Directive) for Personal Protective Equipment. These tests may not adequately replicate any specific conditions of use, and because KIMBERLY-CLARK PROFESSIONAL™ has no detailed knowledge or control over the conditions of end use, any of the data provided must be considered on an advisory basis only, and KIMBERLY-CLARK PROFESSIONAL\* must decline any liability.

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