

Chemical Permeation Data

Chemical	CAS Number	ASTM F739 BTT (min) BT at 0.1 µg/cm²/min
Acetic Acid 99%	64-19-7	8
Acetone	67-64-1	1
Acetonitrile	75-05-8	2
Ammonium Hydroxide 30%	1336-21-6	31
Benzene	71-43-2	2
Butanol	71-36-3	113
Carbon Disulfide	75-15-0	1
Carbon Tetrachloride	56-23-5	24
Chloroform	67-66-3	1
Cyclohexanone	108-94-1	5
Dichloromethane	75-09-2	1
Diethylamine	109-89-7	3
Ethanol 96%	64-17-5	31
Ethyl Acetate	141-78-6	2
Ethylamine	75-04-7	5
Formaldehyde	50-00-0	>480
n-Heptane	142-82-5	>480
Hexane	110-54-3	>480

Chemical	CAS Number	ASTM F739 BTT (min) BT at 0.1 µg/cm²/min
Hydrochloric Acid 37%	7647-01-0	204
Hydrogen Peroxide 30%	7722-84-1	30
Isopropanol	67-63-0	171
Methanol	67-56-1	6
Methyl Ethyl Ketone (2-Butanone, MEK)	78-93-3	2
Methyl n-Propyl Ketone (2-Pentanone, MPK)	107-87-9	2
Nitric Acid 70%	7697-37-2	5
1-Propanol	71-23-8	55
Potassium Hydroxide 50%	1310-58-3	>480
Sodium Hydroxide 40%	1310-73-5	>480
Stoddard Solvent	8052-41-3	>480
Sulfuric Acid 50%	7664-93-9	>480
Sulfuric Acid 96%	7664-93-9	11
Tetrahydrofuran	109-99-9	2
Toluene	108-88-3	3
Trichloroethylene	79-01-6	2
Xylene	1330-20-7	6

Recommendations made in this note are based on extrapolations from laboratory test results and information regarding the composition of chemicals and may not adequately represent specific conditions of end use. Synergistic effects of mixing chemicals have not been accounted for. For these reasons, and because Ansell has no detailed knowledge of or control over the conditions of end use, any recommendation must be advisory only and Ansell fully disclaims any liability including warranties related to any statement contained herein.

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