

## Permeation Breakthrough Time

### Permeation breakthrough times according to EN374-3:2003 (minutes)

#### Glove:

Microflex® 93-260

	Chemical Agent	Breakthrough Time	Protection Index	CAS Number	Notified Body	EN Standard
	Methanol (A)	22	1	67-56-1	Centexbel	374-3:2003
	Acetone (B)	3	0	67-64-1	Centexbel	374-3:2003
	Acetonitrile (C)	5	0	75-05-8	Centexbel	374-3:2003
	Dichloromethane (D)	2	0	75-09-2	Centexbel	374-3:2003
	Carbon Disulfide (E)	1	0	75-15-0	Centexbel	374-3:2003
	Toluene (F)	6	0	108-88-3	Centexbel	374-3:2003
	Diethylamine (G)	6	0	109-89-7	Centexbel	374-3:2003
	Tetrahydrofuran (H)	3	0	109-99-9	Centexbel	374-3:2003
	Ethyl acetate (I)	5	0	141-78-6	Centexbel	374-3:2003
	N-Heptane (J)	>480	6	142-82-5	Centexbel	374-3:2003
	Sodium Hydroxide 40% (K)	>480	6	1310-73-2	Centexbel	374-3:2003
	Sulphuric Acid 96% (L)	49	2	7664-93-9	Centexbel	374-3:2003
	Nitric acid 65% (M)	41	2	7697-37-2	Centexbel	374-3:2003
	Acetic Acid 99% (N)	30	2	64-19-7	Centexbel	374-3:2003
	Ammonium hydroxide 25% (O)	51	2	1336-21-6	Centexbel	374-3:2003
	Hydrogene Peroxide 30% (P)	446	5	7722-84-1	Centexbel	374-3:2003
	Formaldehyde 37% (R)	>480	6	50-00-0	Centexbel	374-3:2003
	Diestone DLS	43	2	-	Centexbel	374-3:2003
	Skydrol 5	247	5	-	Centexbel	374-3:2003
	Skydrol 500B-4	129	4	-	Centexbel	374-3:2003
	Skydrol PE-5	106	3	-	Centexbel	374-3:2003
	Acrylonitrile	3	0	107-13-1	Centexbel	374-3:2003
	Benzene	5	0	71-43-2	Centexbel	374-3:2003
	Butyl alcohol	>480	6	71-36-3	Centexbel	374-3:2003
	Carbon Tetrachloride	39	2	56-23-5	Centexbel	374-3:2003

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0	1	2	3	4	5	6
< 10	10-30	30-60	60-120	240-480	0	0
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 are based on extrapolations from the results of laboratory tests. These tests were run using standard test methods that may not adequately replicate any specific conditions of end use. 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.

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	Chloroform	3	0	67-66-3	Centexbel	374-3:2003
	Cyclohexanol	>480	6	108-93-0	Centexbel	374-3:2003
	Cyclohexanone	9	0	108-94-1	Centexbel	374-3:2003
	Dimethyl Sulfoxide (DMSO)	93	3	67-68-5	Centexbel	374-3:2003
	Dimethylformamide (DMF)	9	0	68-12-2	Centexbel	374-3:2003
	Ethanol	130	4	64-17-5	Centexbel	374-3:2003
	Ethylamine	13	1	75-04-7	Centexbel	374-3:2003
	Ethylene Glycol	>480	6	107-21-1	Centexbel	374-3:2003
	Formic acid	20	1	64-18-6	Centexbel	374-3:2003
	Hexane	>480	6	110-54-3	Centexbel	374-3:2003
	Hydrochloric acid (37%)	>480	6	7647-01-0	Centexbel	374-3:2003
	Hydrofluoric acid 40% (Q)	43	2	-	Centexbel	374-3:2003
	Isopropanol	380	5	67-63-0	Centexbel	374-3:2003
	Methyl Ethyl Ketone (MEK, 2-Butanone)	3	0	78-93-3	Centexbel	374-3:2003
	Methyl n-Propyl Ketone (2-Pentanone)	4	0	107-87-9	Centexbel	374-3:2003
	Oxalic acid	>480	6	144-62-7	Centexbel	374-3:2003
	Peracetic acid	30	1	79-21-0	Centexbel	374-3:2003
	Phosphoric acid (85%)	>480	6	7664-38-2	Centexbel	374-3:2003
	Propanol	200	4	71-23-8	Centexbel	374-3:2003
	Propylene Glycol	>480	6	57-55-6	Centexbel	374-3:2003
	Stoddard solvent	>480	6	8052-41-3	Centexbel	374-3:2003
	Trichloroethylene	4	0	79-01-6	Centexbel	374-3:2003
	Triethylamine	>480	6	121-44-8	Centexbel	374-3:2003
	1,1,2-Trichloroethane	4	0	79-00-5	Centexbel	374-3:2003
	Xylene	12	1	1330-20-7	Centexbel	374-3:2003

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