ALPHATEC® 58-535B

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

Chemical Agent	Level of Protection	Breakthrough Time	Protection Index	CAS Number	Notified Body	EN Standard
Acetic Acid, Glacial	Splash Protection	42	2	64-19-7	Centexbel	374-3:2003
Acetone	Not Recommended	6	0	67-64-1	Centexbel	374-3:2003
Acetonitrile	Not Recommended	5	0	75-05-8	Centexbel	374-3:2003
Acrylonitrile	Not Recommended	6	0	107-13-1	Centexbel	374-3:2003
Ammonium Hydroxide, 25%	Medium Protection	132	4	1336-21-6	Centexbel	374-3:2003
Benzene	Not Recommended	8	0	71-43-2	Centexbel	374-3:2003
Benzine (FAM DIN 51635)	High Protection	>480	6	N/A	Centexbel	374-3:2003
Butyl Acetate	Splash Protection	27	1	123-86-4	Centexbel	374-3:2003
Chromic Acid, 50%	High Protection	>480	6	110-82-7	Centexbel	374-3:2003
Cyclohexane	High Protection	>480	6	110-82-7	Centexbel	374-3:2003
Cyclohexanone	Splash Protection	24	1	108-94-1	Centexbel	374-3:2003
Diesel Fuel	High Protection	>480	6	68334-60-5	Force Technology	374-3:2003
Diethylamine	Splash Protection	28	1	109-89-7	Centexbel	374-3:2003
Dimethylformamide	Splash Protection	18	1	68-12-2	Centexbel	374-3:2003
Ethanol, 50%	High Protection	>480	6	64-17-5	Centexbel	374-3:2003
Ethanol, 95%	High Protection	>480	6	64-17-5	Centexbel	374-3:2003

Ehtyl Acetate	Splash Protection	15	1	141-78-6	Centexbel	374-3:2003
Ethybenzene	Splash Protection	23	1	100-41-4	Centexbel	374-3:2003
Formaldehyde, 35%	High Protection	>480	6	50-00-0	Centexbel	374-3:2003
Heptane	High Protection	>480	6	142-82-55	Centexbel	374-3:2003
Hexane	High Protection	>480	6	110-54-3	Centexbel	374-3:2003
Hydrochloric Acid, 37%	High Protection	>480	6	7647-01-0	Centexbel	374-3:2003
Hydrofluoric Acid, 40%	Medium Protection	160	4	7664-39-3	Centexbel	374-3:2003
Hydrofluoric Acid, 48%	Splash Protection	48	2	7664-39-2	Centexbel	374-3:2003
Hydrogen Peroxide, 30%	High Protection	>480	6	7722-84-1	Centexbel	374-3:2003
Iso-Octane	High Protection	>480	6	540-84-1	Centexbel	374-3:2003
Isopropanol	High Protection	>480	6	67-63-0	Centexbel	374-3:2003
Kerosene	High Protection	>480	6	64742-81-0	Centexbel	374-3:2003
Methanol	Splash Protection	40	2	67-56-1	Centexbel	374-3:2003
Methyl Ethyl Ketone	Not Recommended	7	0	78-93-3	Centexbel	374-3:2003
Nitric Acid, 70%	Splash Protection	53	2	7697-37-2	Centexbel	374-3:2003
Peracetic Acid, 39%	Medium Protection	124	4	79-21-0	Centexbel	374-3:2003
Perchloroethylene	Medium Protection	133	4	127-18-4	Centexbel	374-3:2003
Phenol, 90%	Medium Protection	78	3	108-95-2	Force Technology	374-3:2003
Sodium Hydroxide, 40%	High Protection	>480	6	1310-73-2	Satra	374-3:2003
Sodium Hydroxide, 50%	High Protection	>480	6	1310-73-2	Centexbel	374-3:2003
Styrene	Splash Protection	19	1	100-42-5	Centexbel	374-3:2003
Sulphuric Acid, 30%	High Protection	>480	6	7664-93-9	Centexbel	374-3:2003
Sulphuric Acid, 95%	Medium Protection	114	3	7664-93-9	Satra	374-3:2003

Sulphuric Acid, 96%	Medium Protection	114	3	7664-93-9	Centexbel	374-3:2003
Toluene	Splash Protection	19	1	108-88-3	Centexbel	374-3:2003
Xylene	Splash Protection	24	1	1330-20-7	Centexbel	374-3:2003

EN374-3:2003 Permeation breakthrough times - Minutes

Class	Unclassified	1	2	3	4	5	6
Time	< 10	10-30	30-60	60-120	120-140	240-480	> 480
Usage	Not Recommended	Splash Protection		Medium Protection		High Protection	

Disclaimer

Data given in the table above are based in 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 conditions of end use, any of these data must be advisory only, and Ansell must decline any liability.