

Permeation Breakthrough Times - BT_{1.0}

Colored cells with numbers and the symbol **c** correspond to experimentally determined data generated by an external accredited laboratory. Colored cells with numbers and the symbol **v** correspond to experimentally determined data generated by an internal accredited laboratory. Colored cells without numbers correspond to estimations

Brand				AlphaTec®	AlphaTec®	AlphaTec®	AlphaTec®
Product Group				2300	3000	4000	5000
CAS	Chemical Name	%	PS				
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	I				
108-65-6	1-Methoxy-2-Propylacetate	100	I				
64-19-7	Acetic acid	100	I	5' v	>480' v	>480' c	>480' v
67-64-1	Acetone	100	I	<1' c	28' c	>480' c	>480' c
75-05-8	Acetonitrile	100	I		<6' c	>480' c	>480' c
79-10-7	Acrylic acid	100	I		>480' c	>480' c	
107-13-1	Acrylonitrile	100	I			>480' c	
107-18-6	Allyl alcohol	100	I		>480' c	>480' c	
7664-41-7	Ammonia, gas	100	g		3' c	>480' c	>480' c
1336-21-6	Ammonium hydroxide	25	I		>480' c		
71-43-2	Benzene	100	I		2' c	>480' c	>480' c
98-88-4	Benzoyl chloride	100	I				
80-05-7	Bisphenol A	100	s				
590-92-1	Bromopropionic acid	100	s				
111-76-2	Butylglycol	100	I				
75-15-0	Carbon disulfide	100	I		<1' c	2' c	>480' c
56-23-5	Carbon tetrachloride	100	I				

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Product Group				2300	3000	4000	5000
CAS	Chemical Name	%	PS				
67-66-3	Chloroform	100	I		<1' c	11' c	101' c
8007-45-2	Coal tar	100	I	>240' v	>240' v	>480' c	
108-93-0	Cyclohexanol	100	I				
108-94-1	Cyclohexanone	100	I				
84-74-2	Dibutylphthalate	100	I				
75-09-2	Dichloromethane	100	I		0' c	5' v	59' c
68334-30-5	Diesel LS	100	I		15' c	>480' c	
109-89-7	Diethylamine	100	I		0' c	2' c	>480' c
110-85-0	Diethylenediamine	100	s				
68-12-2	Dimethylformamide	100	I		>480' v	>480' c	>480' c
67-68-5	Dimethylsulfoxide	100	I			>480' c	
64742-47-8	Distillate (petroleum), hydrotreated light	100	I				
64-17-5	Ethanol	100	I			>480' c	
141-43-5	Ethanolamine	100	I		>480' c	>480' c	
64-17-5	Ethyl Alcohol	50	I				
110-80-5	Ethyl Glycol	100	I				
141-78-6	Ethyl acetate	100	I		3' c	>480' c	>480' c

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CAS	Chemical Name	%	PS				
64-17-5	Ethyl alcohol	96	I				
111-15-9	Ethyl glycol ethyl ether acetate	100	I				
107-21-1	Ethylene Glycol	100	I		>480' c	>480' c	
50-00-0	Formaldehyde	37	I		>480' c	>480' c	
64-18-6	Formic acid	98	I		>480' c		
96-48-0	Gamma-Butyrolactone	100	I				
8006-61-9	Gasoline	100	I		2' c	>480' c	
111-30-8	Glutaraldehyde, 50%	50	I				
142-82-5	Heptane	100	I		0' c	>480' c	>480' c
999-97-3	Hexamethyldisilazane	100	I			>480' c	
7647-01-0	Hydrochloric acid	37	I	94' v	>480' c	>480' c	
7664-39-3	Hydrofluoric Acid	49	I	>480' c	>480' c		
7722-84-1	Hydrogen peroxide	30	I				
540-84-1	Isooctane	100	I				
78-59-1	Isophorone	100	I				
67-63-0	Isopropanol	100	I	>480' c	>480' c	>480' c	
67-63-0	Isopropanol	70	I				

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CAS	Chemical Name	%	PS				
108-10-1	Methyl Isobutyl Ketone	100	I				
96-33-3	Methyl acrylate	100	I				
67-56-1	Methyl alcohol	100	I	>480' c	>480' c	>480' c	>480' c
78-93-3	Methyl ethyl ketone	100	I			>480' c	>480' c
80-62-6	Methyl methacrylate	100	I			>480' c	
1634-04-4	Methyl tert-Butyl Ether	100	I		1' c	>480' c	
74-89-5	Methylamine, 40% aqueous solution	40	I				
8012-95-1	Mineral oil	100	I				
872-50-4	N-Methyl-2-pyrrolidone	100	I	36' v	>480' v	>480' c	
8030-30-6	Naphtha	100	I				
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	100	I				
64742-49-0	Naphtha, petroleum, hydrotreated light	100	I				
7697-37-2	Nitric acid	65	I				
7697-37-2	Nitric acid	70	I	254' v	>480' c	>480' c	
98-95-3	Nitrobenzene	100	I		>480' c	>480' c	>480' c
111-87-5	Octyl alcohol	100	I				
144-62-7	Oxalic acid, saturated solution	10	I		>480' c		

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CAS	Chemical Name	%	PS				
79-21-0	Peracetic acid	39	I				
108-95-2	Phenol, aqueous solution	90	I		>480' 	>480' 	>480' 
108-90-7	Phenyl chloride	100	I			>480' 	>480' 
7664-38-2	Phosphoric acid	85	I		>480' 	>480' 	
107-12-0	Propionitrile	100	I			>480' 	
57-55-6	Propylene Glycol	100	I				
107-98-2	Propylene Glycol-1-methylether	100	I				
110-86-1	Pyridine	100	I		17' 	>469' 	>480' 
1310-73-2	Sodium Hydroxide	50	I	>480' 	>480' 	>480' 	>480' 
1310-73-2	Sodium Hydroxide	100	s				
7681-52-9	Sodium Hypochlorite, aqueous solution	15	I	>480' 	>480' 	>480' 	>480' 
8052-41-3	Stoddard solvent	100	I				
100-42-5	Styrene	100	I		<1' 	303' 	>480' 
7664-93-9	Sulfuric acid	96	I	>480' 	>480' 	>480' 	>480' 
7664-93-9	Sulfuric acid	50	I			>480' 	
7664-93-9	Sulfuric acid	99	I	>480' 	>480' 	>480' 	
127-18-4	Tetrachloroethylene	100	I			>480' 	>480' 

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CAS	Chemical Name	%	PS				
109-99-9	Tetrahydrofuran	100	I		<1' c	4' c	>480' c
7719-09-7	Thionyl chloride	100	I		<1' c	2' c	17' c
108-88-3	Toluene	100	I		<1' c	>480' c	>480' c
79-01-6	Trichloroethylene	100	I		2' c	7' c	>480' c
1330-78-5	Tricresyl phosphate, isomeric mixture	100	I				
102-71-6	Triethanolamine	100	I				
121-44-8	Triethylamine	100	I		<1' c	5' c	>480' c
64742-88-7	White spirit	100	I				
1330-20-7	Xylene, isomeric mixture	100	I				
71-36-3	n-Butanol	100	I		>480' c	>480' c	
110-54-3	n-Hexane	100	I		0' c	>480' c	>480' c
71-23-8	n-Propanol	100	I				
109-60-4	n-Propyl acetate	100	I				
1120-21-4	n-Undecane	100	I		3' v		
123-86-4	n-butyl acetate	100	I				