

Permeation Breakthrough Times - BT_{1.0}

Brand			
Product Group			
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
67-64-1	Acetone	100	I
75-05-8	Acetonitrile	100	I
79-10-7	Acrylic acid	100	I
107-13-1	Acrylonitrile	100	I
107-18-6	Allyl alcohol	100	I
7664-41-7	Ammonia, gas	100	g
1336-21-6	Ammonium hydroxide	25	I
71-43-2	Benzene	100	I
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
56-23-5	Carbon tetrachloride	100	I

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

AlphaTec®	AlphaTec®	AlphaTec®
3000	4000	5000
		
>480' v	>480' c	>480' v
28' c	>480' c	>480' c
<6' c	>480' c	>480' c
>480' c	>480' c	
	>480' c	
>480' c	>480' c	
3' c	>480' c	>480' c
>480' c		
2' c	>480' c	>480' c
<1' c	2' c	>480' c

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

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AlphaTec®	AlphaTec®	AlphaTec®
3000	4000	5000
		
<1' c	11' c	101' c
>240' v	>480' c	
0' c	5' v	59' c
15' c	>480' c	
0' c	2' c	>480' c
>480' v	>480' c	>480' c
	>480' c	
>480' c	>480' c	
3' c	>480' c	>480' c

Permeation Breakthrough Times - BT_{1.0}

Brand			
Product Group			
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
50-00-0	Formaldehyde	37	I
64-18-6	Formic acid	98	I
96-48-0	Gamma-Butyrolactone	100	I
8006-61-9	Gasoline	100	I
111-30-8	Glutaraldehyde, 50%	50	I
142-82-5	Heptane	100	I
999-97-3	Hexamethyldisilazane	100	I
7647-01-0	Hydrochloric acid	37	I
7664-39-3	Hydrofluoric Acid	49	I
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
67-63-0	Isopropanol	70	I

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AlphaTec®	AlphaTec®	AlphaTec®
3000	4000	5000
		
>480' 	>480' 	
>480' 	>480' 	
>480' 		
2' 	>480' 	
0' 	>480' 	>480' 
	>480' 	
>480' 	>480' 	
>480' 		
>480' 	>480' 	

Permeation Breakthrough Times - BT_{1.0}

Brand			
Product Group			
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
78-93-3	Methyl ethyl ketone	100	I
80-62-6	Methyl methacrylate	100	I
1634-04-4	Methyl tert-Butyl Ether	100	I
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
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
98-95-3	Nitrobenzene	100	I
111-87-5	Octyl alcohol	100	I
144-62-7	Oxalic acid, saturated solution	10	I

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AlphaTec® 3000	AlphaTec® 4000	AlphaTec® 5000
		
>480' c	>480' c	>480' c
	>480' c	>480' c
	>480' c	
1' c	>480' c	
>480' v	>480' c	
>480' c	>480' c	
>480' c	>480' c	>480' c
>480' c		

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

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AlphaTec®	AlphaTec®	AlphaTec®
3000	4000	5000
		
>480' 	>480' 	>480' 
	>480' 	>480' 
>480' 	>480' 	
	>480' 	
17' 	>469' 	>480' 
>480' 	>480' 	>480' 
>480' 	>480' 	>480' 
<1' 	303' 	>480' 
>480' 	>480' 	>480' 
	>480' 	
>480' 	>480' 	
	>480' 	>480' 

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

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AlphaTec®	AlphaTec®	AlphaTec®
3000	4000	5000
		
<1' 	4' 	>480' 
<1' 	2' 	17' 
<1' 	>480' 	>480' 
2' 	7' 	>480' 
<1' 	5' 	>480' 
>480' 	>480' 	
0' 	>480' 	>480' 
3' 		