



# 731

Material **Nitrile** LENGTH 13 in. / 330mm

## CHEMICAL PERMEATION

CHEMICAL NAME	CAS NUMBER	BDT	
		TTL	EN374
Formaldehyde 37%	50-00-0	>480	>480
Carbon Tet	56-23-5	>480	>480
1,2-Propanediol	57-55-6	>480	>480
Diethyl Ether	60-29-7	6-10	6-10
Aminobenzene	62-53-3	1-5	1-5
Ethanol	64-17-5	>120	>120
Acetic Acid 50%	64-19-7	>480	>480
Acetic Acid 84%	64-19-7	>120	>120
Acetic Acid 99%	64-19-7	>60	>60
Methanol	67-56-1	>10	>10
2-Propanol	67-63-0	>480	>480
2-Propanone	67-64-1	1-5	1-5
Chloroform	67-66-3	1-5	1-5
Dimethylsulfoxide (DMSO)	67-68-5	>30	>30
Dimethyl Formamide	68-12-2	1-5	1-5
n-Propanol	71-23-8	>240	>240
Butanol	71-36-3	>480	>480
Alcohol, Amyl	71-41-0	>60	>60
Benzene	71-43-2	>10	>10
1,1,1-Trichloroethane	71-55-6	>10	>10
Iodide, Methyl	74-88-4	1-5	1-5
ETHYLAMINE 70%	75-04-7	1-5	1-5
ETHYLAMINE	75-04-7	1-5	1-5
Acetonitrile	75-05-8	1-5	1-5
Acetaldehyde	75-07-0	1-5	1-5
Chloride, Methylene	75-09-2	1-5	1-5

Bromoform	75-25-2	1-5
1,1-Dichloroethene	75-35-4	1-5
Acetyl Chloride	75-36-5	1-5
Nitromethane	75-52-5	1-5
1,2-Epoxypropane	75-56-9	1-5
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	480
Dimethyl Sulfate	77-78-1	>10
2-Butanol	78-83-1	>480
Dichloropropane, 1,2-	78-87-5	>10
2-Butanone	78-93-3	1-5
Ethylene, Trichloride	79-01-6	6-10
Chloroacetic Acid 70%	79-11-8	>480
Acetate, Methyl	79-20-9	1-5
Methacrylate, Methyl	80-62-6	6-10
Vinyl Pyrrolidinone	88-12-0	>10
Dichlorobenzene O-	95-50-1	6-10
2-Aminotoluene	95-53-4	>60
Pseudocumene	95-63-6	>60
Butanone Oxime	96-29-7	>240
2-Ethylbutyl alcohol	97-95-0	>480
2-Furaldehyde	98-01-1	>10
Butyl Toluene, p-Tert	98-51-1	>480
(1-Methylethyl)benzene	98-82-8	>30
Nitrobenzene	98-95-3	6-10
Benzene, Ethyl	100-41-4	>30
Benzene, Vinyl	100-42-5	>10
Alcohol, Benzyl	100-51-6	>10
Benzaldehyde	100-52-7	6-10
2,2',2''-Nitrilotriethanol	102-71-6	>60
1,2-Dichloroethane	107-06-2	1-5
Acrylonitrile	107-13-1	1-5
1,2-Diaminoethane	107-15-3	>10
2-Propen-1-ol	107-18-6	>30
Methyl Propyl Ketone	107-87-9	6-10
1-methoxy-2-propanol	107-98-2	>120
Acetate, Vinyl	108-05-4	6-10
2-Pentanone, Methyl-	108-10-1	>10

Acetate, Isopropyl	108-21-4	>10
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	108-65-6	>60
2,6-Dimethyl-4-Heptanone	108-83-8	>240
Benzene, Methyl	108-88-3	>10
Benzene Chloride	108-90-7	6-10
Cyclohexanol	108-93-0	>480
Cyclohexanone	108-94-1	>30
Carbolic Acid 10%	108-95-2	>10
Carbolic Acid(s) 100%	108-95-2	>60
Carbolic Acid 89%	108-95-2	>10
Dimethyl Propanamide, N,N'-	109-55-7	6-10
Pentane	109-66-0	>480
1-Aminobutane	109-73-9	>10
DEA	109-89-7	>10
Diethylene Oxide	109-99-9	1-5
Hexane	110-54-3	>480
Cyclohexane	110-82-7	>480
PYRIDINE	110-86-1	1-5
Diethylene oximide	110-91-8	1-5
1,5-Pentanedial 50%	111-30-8	>60
2,2-iminodiethanol	111-42-2	>120
n-Octane	111-65-9	>480
2-Butoxyethanol	111-76-2	>120
n-Octanol	111-87-5	>480
Oleic Acid	112-80-1	>480
1,2,4-Trichlorobenzene	120-82-1	1-5
TRIETHYLAMINE	121-44-8	>60
4-Hydroxy-4-methyl-2-pentanone	123-42-2	>60
3-Methyl-1-butanol	123-51-3	>480
Butyl Acetate	123-86-4	>30
1,4-Dioxane	123-91-1	6-10
3-Methylbutyl Ethanoate	123-92-2	6-10
Dimethylamine 40%	124-40-3	>480
PERC	127-18-4	>480
Dimethylacetamide N,N'-	127-19-5	>10
Butyl Acrylate	141-32-2	>60
2-Aminoethanol	141-43-5	>60

Ethyl Acetate	141-78-6	6-10
Heptane	142-82-5	>480
Butoxytriglycol	143-22-6	>30
OXALIC ACID (s)	144-62-7	>480
OXALIC ACID (s) 99%	144-62-7	480
Trimethyl Phosphate	512-56-1	>10
2,2,4-Trimethyl Pentane	540-84-1	>480
3-Methyl-2-Butanone	563-80-4	6-10
Amyl Acetate	628-63-7	>10
Methyl Pyrrolidone, N-	872-50-4	>10
2-Bromoethyl Acetate	927-68-4	1-5
Hexamethyldisilazane	999-97-3	>480
Caustic Potash 10%	1310-58-3	>480
Caustic Potash 99%	1310-58-3	>480
Caustic Potash 45%	1310-58-3	>480
Caustic Soda 50%	1310-73-2	>480
Caustic Soda 40%	1310-73-2	>480
Caustic Soda 98%	1310-73-2	>480
Caustic Soda 10%	1310-73-2	>480
Cresols	1319-77-3	>30
Divinyl Benzene	1321-74-0	1-5
dimethyl benzene	1330-20-7	>30
Ammonia Solution 29%	1336-21-6	>120
Methyl-Tert-Butyl Ether	1634-04-4	>30
Butoxypropanol	5131-66-8	>480
D-Limonene	5989-27-5	>30
Hydrochloric Acid 37%	7647-01-0	>480
Hydrochloric Acid 10%	7647-01-0	>480
Muriatic Acid 20%	7647-01-0	>480
Muriatic Acid 32%	7647-01-0	>480
Phosphoric Acid 85%	7664-38-2	>480
Hydrofluoric Acid 48%	7664-39-3	>60
Sulfuric Acid 10%	7664-93-9	>480
Sulfuric Acid 70%	7664-93-9	>240
Sulfuric Acid 25%	7664-93-9	>480
Sulfuric Acid 96%	7664-93-9	>60
Sulfuric Acid 50%	7664-93-9	>480

Battery Acid 47%	7664-93-9	>480
Nitric Acid 65%	7697-37-2	>30
Nitric Acid 23%	7697-37-2	>480
Nitric Acid 50%	7697-37-2	>120
Nitric Acid 10%	7697-37-2	>480
Nitric Acid 70%	7697-37-2	>30
Hydrogen Peroxide 30%	7722-84-1	>480
Fir Oil	8006-64-2	>480
Ligroin	8032-32-4	>60
Dry Cleaning Mineral Spirits	8052-41-3	>480
Tetrachloropropene	10436-39-2	>30
2-Chloro-2-Oxoethyl Acetate	13831-31-7	6-10
Kerosene (hydrosulfurized)	64742-81-0	>480
Diesel Oil	68334-30-5	>480

#### BDT=BREAKTHROUGH DETECTION TIME

THE LEVEL (0 TO 6) INDICATES THE TIME REQUIRED FOR DIFFERENT CHEMICALS TO PERMEATE THROUGH THE GLOVE.  
 TTL : TOTAL IMMERSION CHEMICAL PERMEATION BREAKTHROUGH TIME.

INT : INTERMITTENT CONTACT CHEMICAL PERMEATION BREAKTHROUGH TIME, ONE MINUTE IMMERSION OUT OF EVERY TEN, REPEATEDLY.

#### Warranty Limitations and Disclaimer Use

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