Wiper/Chemical Compatability Chart

Texwipe® An ITW Company

Class	Chemical	Nylon	Polyester	Polyester/Cellulose	Polypropylene	Polypropylene/Cellulose	Cotton	Rayon/Regenerated Cellulose
Acids	Acetic acid, 5%	R	R	L	R	L	L	R
	Acetic acid, 10%	L	R	L	R	L	L	R
	Acetic acid, Glacial	N	R	L	R	L	L	R
	Boric Acid	L	R	R	R	R	R	R
	Hydrochloric, 6N	N	L	L	R	R	R	N
	Hydrochloric, Conc.	N	N	N	L	N	N	N
	Hydrofluoric, 10%	N	R	L	L	L	N	N
	Hydrofluoric, 35%	N	R	N	N	N	N	N
	Nitric Acid, 6N	N	R	L	L	L	L	N
	Nitric Acid, Conc.	N	N	N	N	N	N	N
	Sulfuric Acid, 6N	N	R	N	R	N	N	N
	Sulfuric Acid, Conc.	N	N	N	R	N	N	N
Alcohols	Amyl Alcohol	R	R	L	R	L	L	R
	Benzyl Alcohol	L	R	N	R	N	N	R
	Butyl Alcohol	R	R	L	R	L	L	R
	Ethyl Alcohol, <80%	R	R	R	R	R	R	R
	Ethyl Alcohol, >80%	R	R	L	R	L	L	R
	Ethylene Glycol	R	R	L	R	L	L	R
	Glycerine (Glycerol)	R	R	R	R	R	R	R
	Isobutyl Alcohol	R	R	R	R	R	R	R
	Isopropanol	R	R	L	R	L	L	R
	Methanol	L	R	T	R	T	T	R
	Methyl Cellosolve	R	R	L	R	L	L	L
	Propanol	R	R	R	R	R	R	R
Bases	Ammonium Hydroxide, 6N	N	L	N	R	N	N	L
	Potassium Hydroxide, 6N	R	N	N	R	N	N	N
	Sodium Hydroxide, 6N	N	L	N	R	N	N	N
Misc.	Cottonseed Oil	R	T	R	R	R	R	T
	Hydrogen Peroxide (30%)	R	R	R	R	R	R	N
	Peanut Oil	R	R	R	R	R	R	T
	Petroleum Oils	T	R	R	R	R	R	R
	Sesame Oils	R	R	R	R	R	R	T
	Silicone Oils	R	R	R	R	R	R	R
	Turpentine	R	R	N	R	L	N	R

Class	Chemical	Nylon	Polyester	Polyester/Cellulose	Polypropylene	Polypropylene/Cellulose	Cotton	Rayon/Regenerated Cellulose[1,2,3]
Solvents	Acetone	R	R	T	R	L	N	R
	Acetonitrile	R	R	N	R	L	N	R
	Amyl Acetate	R	R	N	R	L	N	R
	Aniline	R	R	N	R	L	N	R
	Benzene	R	R	N	R	L	N	R
	Bromoform	R	R	N	R	L	N	R
	Butyl Acetate	R	R	N	R	L	N	R
	Carbon Tetrachloride	R	R	N	R	L	N	R
	Cellosolve	R	R	N	R	L	N	L
	Chloroform	R	R	L	R	L	L	R
	Cyclohexane	R	R	L	L	L	L	R
	Cyclohexanone	R	R	N	L	L	N	R
	Diethyl Acetamide	R	R	T	T	T	T	R
	Dimethyl Formamide	R	R	N	R	L	N	L
	Dimethyl Sulfoxide (DMSO)	R	R	N	R	L	N	L
	Dioxane	R	R	N	R	L	N	L
	Ethyl Ether	R	R	T	T	T	T	R
	Ethylene Dichloride	R	R	N	L	L	N	R
	Formaldehyde	R	R	L	R	L	L	R
	Freon TF	R	R	R	R	R	R	R
	Gasoline	R	R	R	R	R	R	R
	Hexane	R	R	R	L	L	R	R
	Isopropyl Acetate	R	R	N	R	L	N	R
	Kerosene	R	R	R	R	R	R	R
	Methyl Acetate	R	R	R	R	R	N	R
	Methyl Ethyl Ketone (MEK)	R	R	N	R	L	N	R
	Methyl Isobutyl Ketone	R	T	N	R	L	N	R
	Methylene Chloride	L	R	L	R	L	L	R
	Nitrobenzene	R	R	N	N	L	N	L
	Pentane	R	R	R	R	R	R	R
	Perchloroethylene	R	T	N	L	R	N	R
	Pyridine	L	R	N	R	L	N	R
	Tetrahydrofuran	R	R	N	R	L	N	R
	Toluene	R	R	R	L	L	R	R
	Trichloroethane	R	T	L	R	L	L	R
	Trichloroethylene	R	R	R	L	L	R	R
	Triethylamine	R	R	N	L	N	N	R
	Xylene	R	R	N	L	L	N	R

Key:
R = Recommended
L = Limited Resistance
N = Not recommended
T = Test
(Testing before use is recommended)

1. *Spectra/Por® Biotech Dialysis Membranes Cellulose Ester (CE) Regenerated Cellulose (RC). Spectrum Product Instruction Manual 420-10688-000Rev04. 17 January 2008 www.spectrapor.com/lit/420x10688x000.pdf*
2. *Chemical Compatibility. Spectrum Laboratories, Inc. 1995-2008.7 January 2008 www.spectrapor.com/cell/Compatibility.html*
3. *Filterware Chemical Resistance Database. NALGENE® Labware. 2008. 17 January 2008 www.nalgenelabware.com/techdata/Chemical/filter.asp*

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