

Liner Suggestion Chart

Acids:	First Choice	Second Choice	Remarks
MINERALS: UP TO 5% ONLY:			
<i>Hydrochloric</i>	P/RVTLF	P/SCKLF***	Higher concentration use
<i>Nitric</i>	P/RVTLF	P/SCKLF***	F-422* or PY*
<i>Phosphoric</i>	P/RVTLF	P/SCKLF***	
<i>Sulfuric</i>	P/RVTLF	P/SCKLF***	
Organic:			
<i>Acetic (5%)</i>	P/RVTLF	P/SCKLF***, F-217**	
<i>Acetic (Glacial)</i>	F-422*	F-217**, PY*	
<i>Benzoic (5%)</i>	P/RVTLF	P/SCKLF***, F-217**	
<i>Carbolic (5%)</i>	P/RVTLF	P/SCKLF***, F-217**	
<i>Citric (5%)</i>	P/RVTLF	P/SCKLF***, F-217**	
<i>Formic (5%)</i>	P/RVTLF	P/SCKLF***, F-217**	
<i>Lactic (5%)</i>	P/RVTLF	P/SCKLF***, F-217**	
<i>Oxalic (5%)</i>	P/RVTLF	P/SCKLF***, F-217**	
<i>Tannic</i>	P/RVTLF	P/SCKLF***, F-217**	
After Shave Lotion	P/SA-66*	P/SFLF, P/MF-514*	
Alcohol:			
<i>Denatured Ethyl</i>	P/TF*	P/SFLF	
<i>95% Grain Alcohol</i>	P/TF*	P/SA-66*, P/MF-514*	
<i>Ethyl (50% Grain)</i>	P/SFLF	P/RFTLF, F-217**	
<i>Isopropyl</i>	P/SFLF	P/RVTLF, P/PELF, F-217**	
<i>Methyl</i>	P/SFLF	P/TF*, F-217**	
<i>Rubbing</i>	P/SFLF	P/PELF, P/RVTLF, F-217**	
Alkaline Solution:			
<i>Ammonia (Spirits of)</i>	P/TF*	P/SA-66*, P/MF-514*	
<i>Ammonium Hydroxide</i>	F-217**	P/RVTLF, P/PE	Higher concentration use (5-10%) PY*, F-217** or F-422*

Analgesic	P/TF*	P/SA-66*, P/MF-514*
Antifreeze	P/SA-66*	P/PELW, F-217**
Aspirin Tablets	P/PELW	PW
Baby Oil	P/RVTLF	P/SFLF, P/PELF
Bath Salts	P/PELW	P/RVTLW, P/SCKLW***
Brilliantine	P/SFLF	P/SCKLF***, P/RVTLF
Calamine Lotion	P/SFLF	P/RVTLF
Camphor (Spirits of)	P/TFLF	
Candy (Hard)	P/PEW	PW
Carbon Tetrachloride	P/TF*	
Castor Oil	P/RVTLF	P/TFLF*, P/SFLF

Cherries:

<i>Maraschino</i>	Plastisol****	P/O
Chloroform	P/TF*	P/SA-66*, P/MF-514*

Cleaning Fluids:

<i>Straight Petroleum Solvent</i>	P/TF*	P/SA-66*, P/MF-514*
Cold Wave Solutions	P/RVTW	P/PEW, F-217**
Colognes	P/SA-66*	P/TF*, P/SFLF, P/MF-514*
Cough Medicine	P/TF*	P/SA-66*, P/SFLF, P/MF-514*

Creams:

<i>Cream Deodorant</i>	P/SFLW	P/PEW
<i>Cold Cream</i>	P/SFLW	P/PEW, F-217**
<i>Vanishing Cream</i>	P/SFLW	P/PEW, F-217**
Cuticle Remover	P/RVTLF	P/SFLF, P/PELF
Deodorants	P/SFW	P/RVTW, P/PEW
Depilatory	P/SFW	P/RVTW
Detergents	F-217**	P/RVTLF, P/PELF, P/SFLF
Douche Powders	P/SFW	P/PEW
Effervescent Salts	P/PEW	P/VAFLW

Embalming Fluid	P/RVTLF	P/H*
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Essential Oils:

<i>Almond</i>	P/TF*	P/SA-66*, P/MF-514*
<i>Clove</i>	P/TF*	
<i>Lemon</i>	P/TF*	P/SA-66*, P/MF-514*
<i>Menthol</i>	P/TF*	
<i>Mustard</i>	P/TF*	
<i>Peppermint</i>	P/TF*	P/SA-66*, P/MF-514*
<i>Pine</i>	P/TF*	
<i>Wintergreen</i>	P/TF*	P/SA-66*, P/MF-514*

Ether	P/TF*	
Eye Wash	P/SFLF	P/RVTLF
Extracts	P/TFLF*	P/SA-66*, P/SFLF, P/MF-514*
Fabric Softener	F-217**	P/RVTLW, P/PELW
Formaldehyde	P/RVTLF	P/H*
Glue (Water Base)	P/PEW	P/SCKW***, F-217**
Glycerin	P/RVTLF	P/SFLF
Glycol	P/SFLF	P/PELF, F-217**
Honey (<i>Cold Pack</i>)	P/PELW	PW, P/SCKW***
(<i>Hot Pack</i>)	P/O	P/SCK***
Horseradish	P/PEW	P/SCKW***
Hydrogen Peroxide (3%)	P/PE	P/SF, F-217**

Hypochlorite (household):

<i>Glass Container</i>		Vented Liner
<i>Plastic Container</i>	F-217**	Cap-Seal II 4320*
Inhalants	P/SFLF	
Ink (Water Base)	P/SFLW	P/RVTLW
Lacquers	P/TF*	P/SA-66*, P/MF-514*
Lemon Juice	P/SFLF	
Liquid Starch	P/PELW	F-217**
Liquors and Whiskey	P/RVTLF	P/SFLF

Lotions:

<i>Face and Hand</i>	P/SFLF	P/RVTLF, F-217**
<i>Poison Ivy</i>	P/SFLF	P/RVTLF
Mayonnaise	P/VAFW	P/SCKW***
Merthiolate	P/TF*	P/SFLF
Methyl Salicylate	P/TF*	
Milk of Magnesia	P/RVTLF	P/PELW, P/SFLF
Mineral Spirits	P/TF*	P/SA-66*, P/MF-514*
Mustard	P/SCKW***	P/OW
Nail Polish	PY*	F-217**, Cap-Seal II 4320*
Nasal	P/RVTLF	

Oils:

<i>Baby</i>	P/RVTLF	P/SFLF, P/PELF
<i>Castor</i>	P/RVTLF	P/TFLF*, P/SFLF
<i>Cod Liver</i>	P/RVTLF	P/TFLF*, P/SFLF
<i>Corn</i>	P/VAFLW	P/SFLW, P/SCKW***
<i>Cotton Seed</i>	P/RVTLF	P/VAFLF, P/SCKW***
<i>Machine</i>	P/RVTLF	P/SCKLF***
<i>Mineral</i>	P/RVTLF	P/SCKLF***, P/PELF
<i>Olive</i>	P/RVTLF	P/SCKLF***
<i>Peanut</i>	P/RVTLF	P/SCKLF***
<i>Salad</i>	P/VAFLF	P/SCKLW
<i>Soy Bean</i>	P/RVTLF	P/SCKLF***
Olives	Plastisol****	P/OW
Paint Remover	P/TF*	P/H*, P/AF*
Peanut Butter	P/SCKW***	P/OW, Plastisol****
Perfumes	P/TF*	P/SA-66*, P/MF-514*
Photographic Fixer	P/RVT	P/SF
Pickles (Salt Stock)	Plastisol****	P/OW
Pigs Feet	Plastisol****	P/OW
Pourable Salad Dressing	P/VAFLW	P/SCKLW***, P/SFLW

Salad Dressing	P/VAFW	P/SCKW***
Shampoo	P/SFLF	P/PELF, P/RVTLF, F-217**
Shaving Lotion	P/SA-66*	P/SFLF, P/MF-514*
Soft Drinks	EVA III*****	

Solvents:

<i>Acetone</i>	P/TF*	P/SA-66*, P/MF-514*
<i>Benzene (Benzol)</i>	P/TF*	
<i>Gasoline</i>	P/TF*	P/SA-66*, P/MF-514*
<i>Kerosene</i>	P/TF*	P/SA-66*, P/MF-514*
<i>Methyl Ethyl Ketone</i>	P/TF*	P/SA-66*, P/MF-514*
<i>Naphtha (Petroleum)</i>	P/TF*	
<i>Petroleum Ether</i>	P/TF*	
<i>Turpentine</i>	P/TF*	
<i>Xylene</i>	P/TF*	

Syrup (Table):

<i>Hot Fill</i>	P/O	
<i>Cold Fill</i>	P/PE	P/SCK, F-217**
Suntan Lotion	P/SFLF	P/RVTLF, F-217**
Tabasco Sauce	P/OW	P/PEW, P/SCKW***
Tablets (Dry)	P/PELW	PW, F-217**

Tincture of:

(Non-Applicator Caps)

<i>Iodine</i>	P/RVTLF	Use PY*, F-217**, or Cap-Seal II 4320* for applicator
<i>Metaphen</i>	P/RVTLF	
<i>Merthiolate</i>	P/RVTLF	
Toilet Bowl Cleaner	F-217**	P/PELW, Cap-Seal II 4320*
Toothache Drops	P/TF*	
Varnish Remover	P/TF*	P/H*, P/AF*

Vinegar:

Hot Fill

P/O

Cold Fill

P/RVTLF

P/SFLF, P/SCKLF

Vitamins:

Dry

P/PELW

P/SFLW, P/SCKLW***

Liquid

P/SFLF

P/RVTLF

Water:

Carbonated

EVA III*****

Non-Carbonated

P/PE

F-217**, P/RVTLF

Distilled

P/PE

F-217**, P/RVTLF

Wines

P/SA-66*

P/SFLF, P/MF-514*

Witch Hazel

P/RVTLF

****Non-Standard liner in all closures***

*****Non-Standard liner in metal CT closures***

******Non-Standard liner in plastic closures***

*******Call California Glass Company for information***

********Available only in aluminum roll-on pilfer-proof convenience closures***