FilTailin Chemical Compatibility Guide

Classification	Name	Nylon66	PVDF	PES	MCE
Acids	Acetic Acid	NR	R	NR	LR
	Hydrochloric Acid (conc.)	NR	R	R	NR
	Hydrochloric Acid (6N)	NR	R	R	NR
	Nitric Acid (conc.)	NR	R	-	NR
	Nitric Acid (6N)	NR	R	-	NR
	Phosphoric Acid (conc.)	NR	R	-	NR
	Sulfuric Acid (conc.)	NR	R	NR	NR
	Hydrofluoric Acid (6N)	NR	R	-	NR
Bases	Ammonium Hydroxide (1N)	R	LR	R	R
	Ammonium Hydroxide (3N)	R	NR	R	NR
	Potassium Hydroxide (3N)	R	LR	R	NR
	Sodium Hydroxide (3N)	R	LR	R	NR
	Sodium Hydroxide (6N)	R	NR	R	NR
Alcohols	Amyl Alcohol	R	R	R	NR
	Benzyl Alcohol (100%)	R	R	R	NR
	Butanol	R	R	R	R
	Isopropanol	R	R	R	-
	Methanol	LR	R	R	LR
Ketones	Acetone	R	LR	NR	NR
	Cyclohexanone	-	LR	NR	NR
	Methyl Ethyl Ketone	LR	LR	-	-
	Methyl Isobutyl Ketone	LR	LR	NR	-
Oils	Cottonseed	R	R	-	-
	Lubricant	R	R	NR	-
	Peanut	R	R	-	-
	Sesame	R	R	R	-
Aromatic Hydrocarbons	Benzene	LR	LR	LR	R
	Toluene	NR	LR	NR	R
	Xylene	LR	LR	NR	R
Halogenated Hydrocarbons	Carbon Tetrachloride	LR	LR	LR	NR
	Chloroform	LR	LR	NR	NR

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	Ethylene Dichloride	LR	LR	NR	R
	Freon TF	R	R	R	R
	Freon TMC	LR	LR	NR	R
	Methylene Dichloride	NR	LR	NR	NR
	Perchloroethylene	-	LR	LR	R
	Trichloroethylene	LR	NR	LR	R
Glycols	Ethylene Glycol	R	R	LR	-
	Glycerol	R	R	LR	R
	Propylene Glycol	R	R	LR	
Ethers	Ethyl Ether	NR	R	R	NR
	Isopropyl Ether	-	R	-	NR
	Dioxane	R	R	-	NR
	Tetrahydrofuran	NR	LR	NR	NR
Esters	Amyl Acetate	LR	R	-	NR
	Butyl Acetate	LR	R	-	NR
	Cellosolve Acetate	-	R	R	NR
	Ethyl Acetate	LR	R	LR	NR
	Methyl Acetate	LR	R	NR	NR
	Isopropyl Acetate	-	R	R	NR
Miscellaneous	Aniline	LR	R	NR	-
	Dimethyl Formamide	R	NR	NR	-
	Formaldehyde (37%)	R	R	R	-
	Gasoline	LR	LR	R	R
	Hexane (dry)	-	LR	LR	R
	Kerosene	-	R	R	-
	Phenol	R	R	NR	R
	Pyridine	LR	R	NR	NR
	Turpentine	-	R	R	-
	Water	R	R	R	R
	Acetonitrile	LR	R	R	NR
	Nickel Sulfate Solution	R	R	-	-

R: Resistance;

LR: Limited resistance;

NR: No resistance;

"-": No data available.

Notes: **This table is intended to serve as a guide only. Accuracy cannot be guaranteed. Users are responsible for verifying chemical compatibility under their own conditions of use. Chemical compatibility is affected by many variables including temperature, pressure, concentration, and chemical purity.**