



**COMPOSITE HOSES  
CHEMICAL RESISTANT**



CHEMICAL or MATERIAL CONVEYED	HOSE INNER WIRE				COUPLINGS MATERIAL		SEALS MATERIAL	
	POLYPROPYLENE LINER		PTFE		carbon steel	stainless steel	NBR	VITON
A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
B - Suitable for use AMBIENT T°C								
C - Suitable for INTERMITTENT serv. Only								
F - Unsuitable - NOT RECOMMENDET								
- No data (contact SP TECH)	G	P	S	S				
1,3-Pentadiene	C	C	C	A	C	A		
2-Ethylhexylamine	C	B	B	A	C	A		
2-Ethyl-3-Propylacrolein	C	C	C	A	C	A		
2-Hydroxyethyl Acrylate	C	C	C	B	C	B		
2-Methyl Pentene	C	C	C	A	C	A		
Acetaldehyde 100%	F	C	C	A	F	A	F	F
Acetaldehyde 40%	F	B	B	A	F	A	F	F
Acetic Acid 60%	F	A	A	A	F	A	F	F
Acetic Acid, Glacial	F	B	B	A	F	A	F	F
Acetic Anhydride	F	B	B	A	F	A	F	F
Acetoacetic Ester	F	B	B	A	F	A	F	F
Acetone	A	A	A	A	A	A	F	F
Acetone Cyanohydrin	F	B	B	A	F	A	F	F
Acetonitrile	B	B	B	A	B	A	C	F
Acetophenone	B	B	B	A	F	F		
Acetyl Chloride	F	F	F	A	F	A	F	B
Acetylacetone	B	B	B	A	B	A	C	F
Acetylene Dichloride	B	B	B	A	B	A	B	F
Acrolein (Acrylaidenhyde)	B	B	B	A	B	A	B	F
Acrylamide (<50%)	F	C	C	B	F	B		
Acrylic Acid	F	B	B	B	F	B	B	A
Acrylonitrile	F	A	A	A	F	A	F	F
Adipic Acid (Aqueous)	A	A	A	A	A	A	A	A
Adiponitrile	B	B	B	A	B	A		
Allyl Alcohol	A	A	A	A	A	A	A	B
Allyl Bromide	C	C	C	A	C	A	F	B
Allyl Chloride	C	C	C	B	C	B	F	A
Aluminum Salt Solutions	F	A	B	A	F	A	A	A
Alums	F	A	A	A	F	A	A	A
Aminoethyl Ethanolamine	F	B	B	A	F	A		
Ammonia Solution	F	A	A	A	F	A	C	B
Ammonium Chloride Solution	F	A	C	C	F	C	C	A
Ammonium Hydroxide	B	A	B	A	B	A	B	B
Ammonium Nitrate Solution	F	A	B	B	F	B	A	A
Ammonium Sulfate Solution	F	A	A	A	F	A	A	A
Amyl Acetate	C	C	C	A	C	A	F	A

CHEMICAL or MATERIAL CONVEYED	HOSE INNER WIRE				COUPLINGS MATERIAL		SEALS MATERIAL	
	POLYPROPYLENE LINER			PTFE	carbon steel	stainless steel	NBR	VITON
A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
B - Suitable for use AMBIENT T°C								
C - Suitable for INTERMITTENT serv. Only								
F - Unsuitable - NOT RECOMMENDET								
- No data (contact SP TECH)	G	P	S	S				
Amyl Alcohol	B	B	B	A	B	A	A	A
Amyl Chloride	C	C	C	B	C	B	F	A
Aniline	F	C	C	A	F	A	F	B
Animal Oils	A	A	A	A	A	A	A	A
Anisole	C	C	C	B	C	B	B	
Antimony Chloride	F	B	F	F	F	F	A	A
Aqua Regia	F	C	F	F	F	F	F	A
Arcenic Chloride	F	B	F	F	F	F	C	F
Arsenic Acid	F	B	C	B	F	B	A	A
Aviation Fuel	C	C	C	B	C	B	A	A
Barium Carbonate	A	A	A	A	A	A	A	A
Barium Chloride Solution	F	A	F	F	F	F	A	A
Barium Hydroxide	F	A	A	A	F	A	A	A
Barium Salts	F	A	B	B	F	B	A	A
Barium Sulfate	F	A	A	A	F	A	A	A
Beer	F	A	A	A	F	A	A	A
Benzaldehyde	F	C	C	A	F	A	F	F
Benzene	F	C	C	A	F	A	F	A
Benzoic Acid	F	C	A	A	F	A	F	A
Benzyl Alcohol	A	A	A	A	A	A	F	A
Bleach ( 12,5% CL)	F	B	C	B	F	B	F	B
Borax (Aqueous)	A	A	A	A	A	A	A	A
Boric Acid	F	A	A	A	F	A	A	A
Brine	F	A	C	F	F	F	A	A
Butadiene	B	B	B	B	B	B	F	B
Butanol	B	B	B	A	B	A	A	A
Butyl Acetate	C	C	C	B	C	B	F	F
Butyl Alcohol	A	A	A	A	A	A	A	A
Butyl Benzene	B	B	B	B	B	B	F	A
Butyl Carbitol Acetate	C	C	C	B	C	B	B	A
Butylamine	F	B	B	B	F	B	C	F
Butyric Acid	B	B	B	A	B	A	C	C
Calcium Acetate	B	B	B	B	B	B	F	F
Calcium Alkyl Salicylate	F	A	A	A	F	A		
Calcium Carbonate	F	A	A	A	F	A	A	A
Calcium Chloride	F	A	C	C	F	C	A	A
Calcium Hydroxide	F	A	A	A	F	A	A	A
Calcium Hypochlorite	F	B	C	B	F	B	F	A
Calcium Nitrate	F	A	A	A	F	A	A	A
Camphor Oil	C	C	C	B	C	B	B	A
Caprylic Acid	A	A	A	A	A	A	C	B
Carbinols	B	B	B	A	B	A	A	F
Carbinol Acetate	C	C	C	B	C	B	B	B
Carbolic Acid	F	A	A	A	F	A	C	A

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A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
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Carbolic Oils	C	C	C	B	C	B		
Carbon Bisulfide	F	B	B	B	F	B	F	A
Carbon Disulfide	C	C	C	A	C	A	F	A
Carbon Monoxide	F	A	A	A	F	A	C	A
Carbon Tetrachloride	C	C	C	B	C	B	C	A
Carbonic Acid	F	A	A	A	F	A	A	A
Cashew Nutshell Oil	B	B	B	B	B	B	B	B
Castor Oil	F	B	B	B	F	B	A	A
Caustic Potash (<50%)	F	A	B	A	F	A	A	C
Caustic Soda (<50%)	F	A	B	A	F	A	B	C
Cellosolve	B	B	B	B	B	B	F	C
Cetyl Acid	F	B	B	B	F	B		
Chlorinated Solvents	F	B	B	B	F	B	F	A
Chlorine (Dry)	F	F	F	A	F	A	B	A
Chlorobenzene	C	C	C	A	C	A	F	A
Chloroform	C	C	C	A	C	A	F	A
Chrome Alum	F	A	A	A	F	A	A	A
Chromic Acid Aqueous	F	C	C	A	F	A	F	C
Citric Acid	F	A	A	A	F	A	B	A
Coal Tar Naptha	F	B	B	A	F	A	A	A
Copper Chloride	F	A	F	F	F	F	A	A
Copper Nitrate	F	A	A	A	F	A	A	A
Creosote	B	B	B	A	B	A	A	A
Crotonaldehyde	C	C	C	B	C	B	F	F
Crude Oil	A	A	A	A	A	A	A	A
Cumene	B	B	B	A	B	A	C	A
Cyclohexane	B	B	B	B	B	B	B	A
Cyclohexylamine	F	B	B	A	F	A	C	F
Cyclotane	B	B	B	A	B	A		
Decanol	B	B	B	B	B	B	B	A
Decyl Alcohol	B	B	B	B	B	B	A	B
Decylbutyl Phthalate	B	B	B	B	B	B	F	C
Detergents (2%)	A	A	A	A	A	A	A	A
Dextrin	A	A	A	A	A	A	A	A
Diacetone Alcohol	B	B	B	A	B	A	F	F
Diaminoethylamine	C	B	B	A	C	A		
Diamylamine	C	B	B	A	C	A	B	F
Dibromoethane	F	B	B	A	F	A	F	A
Dibutyl Ether	C	C	C	B	C	B	F	C
Dibutyl Phthalate	B	B	B	A	B	A	F	F
Dibutylamine	C	B	B	A	C	A	F	F
Dichloroacetic Acid	F	C	F	F	F	F	F	C
Dichlorobenzene	C	C	C	B	C	B	F	B
Dichlorobutane	C	C	C	A	C	A	F	A

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	POLYPROPYLENE LINER		PTFE					
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B - Suitable for use AMBIENT T°C								
C - Suitable for INTERMITTENT serv. Only								
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- No data (contact SP TECH)	<b>G</b>	<b>P</b>	<b>S</b>	<b>S</b>				
Dichloroethane	C	C	C	B	C	B	F	A
Dichloroethyl Ether	C	C	C	A	C	A	F	C
Dichloroethylene	C	C	C	B	C	B	F	A
Dichloropropane	C	C	C	B	C	B	F	A
Dichloropropylene	C	C	C	B	C	B		
Diehylbenzene	B	B	B	A	B	A		
Diesel	B	B	B	B	B	B	A	A
Diethanolamine	F	A	A	A	F	A	B	F
Diethyl Sulphate	F	B	B	A	F	A	F	A
Diethylamine	F	B	B	A	F	A	C	F
Diethylaminoethanol	C	B	B	A	C	A		
Diethylene Dioxide	C	B	B	A	C	A	F	F
Diethylene Glycol Diethyl Ether	B	B	B	A	B	A		
Diethylene Glycol	A	A	A	A	A	A	A	A
Diisobutyl Ketone	B	B	B	A	B	A	F	F
Diisobutylamine	B	B	B	B	B	B	B	A
Diisobutylene	C	C	C	B	C	B	A	A
Diisooctyl Adipate	B	B	B	A	B	A	F	C
Diisooctyl Phthalate	A	A	A	A	A	A	F	B
Diisopropanolamine	F	B	B	A	F	A	B	C
Diisopropylether	B	B	B	A	B	A	B	B
Dimethyl Ethanolamine	F	B	B	A	F	A		
Dimethyl Formamide	A	A	A	A	A	A	C	F
Dimethyl Hydrogen Phosphite	F	C	C	B	F	B		
Dimethyl Ketone	A	A	A	A	A	A	F	F
Dimethyl Phthalate	B	B	B	A	B	A	F	C
Dimethyl Sulphate	F	B	B	A	F	A	F	F
Dimethyl Sulphide	B	B	B	A	B	A	F	C
Dimethylamine	F	B	B	A	F	A	C	F
Dimethylcyclohexylamine	F	B	B	B	F	B		
Dinitrobenzene	C	C	C	A	C	A	F	A
Diocetyl Phthalate	B	B	B	A	B	A	F	B
Diocetyl Sebacate	B	B	B	A	B	A	F	B
Diocetylamine	B	B	B	A	B	A	B	F
Dioxane	C	B	B	A	C	A	C	A
Dipentene	B	B	B	A	B	A	C	A
Diphenyl Ether	B	B	B	A	B	A	F	A
Diphenyl Phthalate	B	B	B	A	B	A	F	C
Dipropylamine	B	B	B	A	B	A		
Dipropylene Glycol	A	A	A	A	A	A	A	A
Disulphuric Acid	F	F	F	C	F	C		
Dodecyl Alcohol	B	B	B	A	B	A	A	B
Dodecyl Benzene	B	B	B	B	B	B	F	A
Dodecyl Phenol	B	B	B	B	B	B		

CHEMICAL or MATERIAL CONVEYED	HOSE INNER WIRE				COUPLINGS MATERIAL		SEALS MATERIAL	
	POLYPROPYLENE LINER			PTFE	carbon steel	stainless steel	NBR	VITON
A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
B - Suitable for use AMBIENT T°C								
C - Suitable for INTERMITTENT serv. Only								
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- No data (contact SP TECH)	G	P	S	S				
Dodecyltoluene	B	B	B	B	B	B	F	A
Emulsifiers	F	A	A	A	F	A		
Epichlorohydrin	B	B	B	A	B	A	F	F
Ethanoic Acid	F	B	B	A	F	A	C	F
Ethanolamine	B	A	A	A	B	A	B	F
Ethoxy Ethanol	C	C	C	B	C	B	A	C
Ethoxy Ethyl Acetate	C	C	C	B	C	B		
Ethoxy Propanol	C	C	C	B	C	B		
Ethyl Acetate	C	C	C	A	C	A	F	F
Ethyl Acrylate	B	B	B	A	B	A	F	F
Ethyl Alcohol	A	A	A	A	A	A	A	B
Ethyl Aluminum Dichloride	F	F	F	C	F	C	F	B
Ethyl Butanol	B	B	B	A	B	A	A	B
Ethyl Butylamine	C	B	B	B	C	B		
Ethyl Chloride	C	C	C	A	C	A	F	B
Ethyl Cyclohexane	C	C	C	A	C	A		
Ethyl Cyclohexylamine	C	C	C	B	C	B		
Ethyl Ether	F	C	C	A	F	A	C	F
Ethyl Formate	F	B	B	A	F	A	F	F
Ethyl Iodide	C	C	C	B	C	B	F	B
Ethyl Isobutyl Ether	F	B	B	A	F	A	F	
Ethyl Methacrylate	C	C	C	A	C	A		
Ethyl Methyl Ketone	B	B	B	B	B	B	F	F
Ethyl Phthalate	A	A	A	A	A	A	F	
Ethyl Silicate	A	A	A	A	A	A	A	A
Ethyl Sulphate	B	B	B	A	B	A	F	F
Ethyl Vinyl Ether	B	B	B	A	B	A		
Ethylamine	C	B	B	A	C	A	C	F
Ethylbenzene	B	B	B	A	B	A	F	A
Ethylene Carbonate	C	B	B	A	C	A		
Ethylene Chloride	C	C	C	A	C	A	F	A
Ethylene Chlorohydrin	B	B	B	A	B	A	F	A
Ethylene Cyanhydrin	F	C	C	A	F	A	B	A
Ethylene Diamine	B	B	B	A	B	A	A	F
Ethylene Dibromide	C	B	B	A	C	A	F	B
Ethylene Dichloride	C	C	C	A	C	A	F	B
Ethylene Glycol	A	A	A	A	A	A	A	A
Ethylene Oxide	F	B	B	A	F	A	F	F
Ethylhexanoic Acid	F	B	B	B	F	B		
Ethylhexyl Acrylate	F	B	B	A	F	A	F	
Ethylhexyl Alcohol	A	A	A	A	A	A		
Ethylpropyl Ether	B	B	B	A	B	A	F	C
Ethylpropyl Ketone	C	C	C	A	C	A	F	F
Fatty Acids	F	A	A	A	F	A	B	A

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	POLYPROPYLENE LINER			PTFE	carbon steel	stainless steel	NBR	VITON
A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
B - Suitable for use AMBIENT T°C								
C - Suitable for INTERMITTENT serv. Only								
F - Unsuitable - NOT RECOMMENDET								
- No data (contact SP TECH)	G	P	S	S				
Fatty Alcohols	A	A	A	A	A	A		
Ferric Salts	F	A	B	B	F	B	A	A
Fluosilicic Acid	F	A	A	A	F	A	B	A
Formaldehyde Solutions	A	A	A	A	A	A	A	A
Formamide	F	A	B	A	F	A	A	F
Formic Acid	F	A	B	A	F	A	B	F
Fruit Juices	F	A	A	F	F	F	A	A
Fuel Oils	B	B	B	A	B	A	A	A
Furfural	C	C	C	A	C	A	F	F
Furfuryl Alcohol	C	C	C	A	C	A	F	F
Gallic Acid Solution	C	A	A	A	C	A	B	B
Gasoline	B	B	B	A	B	A	A	A
Gelatine (aqueous)	A	A	A	A	A	A	A	A
Gluconic Acid	C	A	A	A	C	A	C	A
Glucose (aqueous)	A	A	A	A	A	A	A	A
Glycerine	A	A	A	A	A	A	A	A
Glycolic acid (aqueous)	F	A	A	A	F	A	A	A
Glycols (aqueous)	A	A	A	A	A	A	A	A
Grease	B	B	B	A	B	A	A	A
Green Sulphate Liquor	F	B	B	B	F	B		
Heptane	B	B	B	A	B	A	A	A
Heptanol	A	A	A	A	A	A	A	B
Heptanone	B	B	B	A	B	A		
Heptene	B	B	B	A	B	A		
Heptonic Acid	F	B	B	A	F	A	A	A
Hexamethylene Diamine	F	B	B	A	F	A		
Hexamethylene Tetramine	F	B	B	A	F	A		
Hexamethyleneimine	F	C	C	B	F	B		
Hexane	B	B	B	A	B	A	A	A
Hexanol	A	A	A	A	A	A	A	A
Hexene	B	B	B	B	B	B	B	A
Hexylamine	F	B	B	A	F	A	C	F
Hexylene Glycol	A	A	A	A	A	A	A	A
Hydrazine Hydrate	F	B	B	A	F	A	B	F
Hydrobromic Acid	F	A	F	F	F	F	C	A
Hydrochloric Acid	F	C	F	F	F	F	F	A
Hydroflouric	F	B	F	F	F	F	F	A
Hydrofluosilicic Acid	F	A	A	A	F	A	B	A
Hydrogen Peroxide Solut.	F	B	B	B	F	B	F	B
Hydrogen Sulfide (aqueo)	F	A	F	F	F	F	F	F
Hydroquinone	A	A	A	A	A	A	F	F
Iodine Solution	F	B	F	F	F	F	F	C
Iron Salts	F	A	F	A	F	A	A	A
Isoamyl Acetate	C	C	C	A	C	A	F	F

CHEMICAL or MATERIAL CONVEYED	HOSE INNER WIRE				COUPLINGS MATERIAL		SEALS MATERIAL	
	POLYPROPYLENE LINER			PTFE	carbon steel	stainless steel	NBR	VITON
A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
B - Suitable for use AMBIENT T°C								
C - Suitable for INTERMITTENT serv. Only								
F - Unsuitable - NOT RECOMMENDET								
- No data (contact SP TECH)	G	P	S	S				
Isoamyl Alcohol	B	B	B	A	B	A	A	A
Isoamyl Bromide	F	B	F	F	F	F	F	B
Isoamyl Butyrate	B	B	B	A	B	A	F	F
Isoamyl Chloride	F	C	C	B	F	B	F	B
Isoamyl Ether	B	B	B	A	B	A	F	F
Isobutraldehyde	F	F	C	B	F	B	C	F
Isobutyl Acetate	C	C	C	B	C	B	F	F
Isobutyl Acrylate	B	B	B	A	B	A		
Isobutyl Alcohol	A	A	A	A	A	A	B	B
Isobutyl Bromide	F	B	F	F	F	F	F	B
Isobutyl Chloride	F	B	F	F	F	F	F	B
Isobutyl Ether	C	C	C	A	C	A	F	F
Isobutyl Formate	C	C	C	C	C	C	C	C
Isobutylamine	F	B	B	A	F	A	F	F
Isobutylmethyl Ketone	B	B	B	A	B	A	F	F
Isodecyl Alcohol	A	A	A	A	A	A	A	B
Isooctane	C	C	C	A	C	A	A	A
Isopentane	C	C	C	A	C	A	A	A
Isophorone	B	B	B	B	B	B	F	F
Isophorone Diamine	F	C	C	B	F	B		
Isophorone Diisocyanate	C	C	C	B	C	B		
Isoprene	B	B	B	A	B	A		
Isopropanolamine	F	B	B	A	F	A	F	F
Isopropyl Acetate	C	C	C	B	C	B	F	F
Isopropyl Alcohol	A	A	A	A	A	A	B	B
Isopropyl Benzene	B	B	B	B	B	B	F	A
Isopropyl Chloride	F	B	F	B	F	B	F	B
Isopropyl Ether	F	B	F	A	F	A	C	F
Isopropyl Toluene	B	B	B	B	B	B	F	A
Isopropylamine	F	B	B	A	F	A	B	F
Isovaleraldehyde	F	C	C	B	F	B		
Jams	B	A	A	A	B	A	A	A
Jet Fuel	C	C	C	A	C	A	A	A
Kerosene	B	B	B	A	B	A	A	A
Ketones	B	B	B	A	B	A	F	F
Lactic Acid	F	A	B	A	F	A	C	A
Lanolin	A	A	A	A	A	A	A	A
Lard	A	A	A	A	A	A	A	A
Latex	A	A	A	A	A	A	A	A
Lauryl Alcohol	B	B	B	A	B	A	A	B
Lead Acetate	F	A	A	A	F	A	C	C
Lead Salts	F	A	B	B	F	B	A	A
Ligroin	C	C	C	B	C	B	A	A
Limonene	B	B	B	A	B	A		

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	POLYPROPYLENE LINER		PTFE		carbon steel	stainless steel	NBR	VITON
A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
B - Suitable for use AMBIENT T°C								
C - Suitable for INTERMITTENT serv. Only								
F - Unsuitable - NOT RECOMMENDET								
- No data (contact SP TECH)	G	P	S	S				
Linseed Oil	A	A	A	A	A	A	A	A
Lubricating Oil	B	B	B	A	B	A	A	A
Magnesium Salts	F	A	B	B	F	B	F	A
Maleic Acid Solution	F	A	B	B	F	B	F	A
Maleic Anhydride Solution	F	B	B	B	F	B	F	A
Malic Acid Solution	F	B	B	B	F	B	B	A
Mangnese Salts	F	A	B	B	F	B	A	A
Meat Juices	F	A	A	A	F	A		
Mercuric Chloride	F	A	F	F	F	F	B	A
Mesityl Oxide	B	B	B	A	B	A	F	F
Methacrylic Acid	F	B	B	A	F	A		
Methaxlene	F	B	B	B	F	B		
Methyl Acetate	C	C	C	A	C	A	F	F
Methyl Acetone	B	B	B	A	B	A	F	F
Methyl Acrylate	B	B	B	A	B	A	F	F
Methyl Alcohol	A	A	A	A	A	A	A	C
Methyl Butyraldehyde	F	F	F	B	F	B		
Methyl Carbitol	A	A	A	A	A	A	C	
Methyl Cellosolve	B	B	B	B	B	B	C	F
Methyl Cellosolve	C	C	C	B	C	B		
Methyl Chloride	C	C	C	A	C	A	C	A
Methyl Cyanide	B	B	B	A	B	A	C	F
Methyl Cyclohexane	B	B	B	A	B	A	F	B
Methyl Formate	C	C	C	A	C	A	F	C
Methyl Isobutyl Ketone	C	C	C	A	C	A	F	F
Methyl Methacrylate	C	C	C	A	C	A	F	F
Methyl Nitrobenzene	B	B	B	B	B	B		
Methyl Pentene	B	B	B	A	B	A		
Methylaceto Acetate	F	C	C	B	F	B	F	F
Methylamine	C	B	B	B	C	B	B	F
Methylamly Ketone	B	B	B	A	B	A		
Methylamyl Acetate	C	C	C	A	C	A	C	C
Methylamyl Alcohol	B	B	B	A	B	A		
Methylbutyl Alcohol	A	A	A	A	A	A		
Methylbutyl Ketone (MBK)	B	B	B	A	B	A		
Methylene Bromide	C	C	C	A	C	A	B	C
Methylene Chloride	C	C	C	B	C	B	F	C
Methylethyl Ketone	C	C	C	A	C	A	F	F
Methylethyl Pyridine	C	C	C	B	C	B		
Methylheptyl Ketone	F	B	B	B	F	B		
Methylstyrene	B	B	B	A	B	A		
Methylter-Butyl Ether (MTBE)	C	C	C	A	C	A	F	F
Mineral Oil	B	B	B	A	B	A	A	A
Mineral Spirits	B	B	B	A	B	A	A	A



CHEMICAL or MATERIAL CONVEYED	HOSE INNER WIRE				COUPLINGS MATERIAL		SEALS MATERIAL	
	POLYPROPYLENE LINER			PTFE	carbon steel	stainless steel	NBR	VITON
A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
B - Suitable for use AMBIENT T°C								
C - Suitable for INTERMITTENT serv. Only								
F - Unsuitable - NOT RECOMMENDET								
- No data (contact SP TECH)	G	P	S	S				
Molasses	A	A	A	A	A	A	F	A
Monochlorobenzene	C	B	B	B	C	B	F	B
Monoethanolamine	B	A	A	A	B	A	B	C
Monoethylamine	C	B	B	A	C	A	F	
Monoisopropanolamine	F	B	B	B	F	B	B	F
Monoitrobenzene	B	B	B	A	B	A		
Morpholine	C	B	B	A	C	A	F	A
Naptha	B	B	B	A	B	A	A	A
Naptha Solvent	C	C	C	A	C	A	A	A
Napthalene Solution	A	A	A	A	A	A	F	A
Neohexane	B	B	B	B	B	B	A	A
Nickel Chloride	F	A	C	B	F	B	A	A
Nickel Salts	F	A	B	B	F	B	A	A
Nitric Acid (>60%)	F	F	F	C	F	C	F	C
Nitric Acid (10%)	F	A	A	A	F	A	F	C
Nitric Acid (60%)	F	C	C	C	F	C	F	C
Nitrobenzene	B	B	B	A	B	A	F	B
Nitropropane	C	C	C	A	C	A	F	F
Nitrotoluene	B	B	B	A	B	A	C	C
Nonane	B	B	B	A	B	A	A	A
Nonyl Alcohol	B	B	B	A	B	A	A	B
Nonyl Phenol	C	B	B	A	C	A		
Octane	B	B	B	A	B	A	A	A
Octanol	B	B	B	A	B	A	B	A
Octyl Acetate	C	C	C	A	C	A	F	F
Octyl Acrylate	B	B	B	A	B	A		
Octyl Carbinol	B	B	B	A	B	A	A	B
Oils	B	B	B	A	B	A	A	A
Oleic Acid	F	B	B	A	F	A	B	C
Oleum	F	F	F	B	F	B	F	F
O-Nitrophenol Solution	F	A	A	A	F	A	C	F
Oxalic Acid	F	B	B	A	F	A	B	A
Palm Oil	B	B	B	A	B	A	A	A
Parrafin Wax	A	A	A	A	A	A	A	A
Pentane	B	B	B	A	B	A	A	A
Pentanol	A	A	A	A	A	A	A	B
Pentanone	B	B	B	A	B	A	F	F
Pentene	B	B	B	A	B	A	B	A
Perchloroethylene	C	C	C	A	C	A	C	A
Percloric Acid	F	B	F	F	F	F	F	A
Petrolatum	A	A	A	A	A	A	A	A
Petroleum	A	A	A	A	A	A	A	A
Petroleum Ether	C	C	C	A	C	A	A	A
Petroleum Naptha	C	C	C	A	C	A	A	A

CHEMICAL or MATERIAL CONVEYED	HOSE INNER WIRE				COUPLINGS MATERIAL		SEALS MATERIAL	
	POLYPROPYLENE LINER			PTFE				
A - Suitable for use 60°C	galvaniz. steel	polypropy- lene	stainless steel	stainless steel	carbon steel	stainless steel	NBR	VITON
B - Suitable for use AMBIENT T°C								
C - Suitable for use INTERMITTENT serv. Only								
F - Unsuitable - NOT RECOMMENDET								
- No data (contact SP TECH)	<b>G</b>	<b>P</b>	<b>S</b>	<b>S</b>				
Phenol	B	A	A	A	B	A	F	A
Phenoxyethanol	C	C	C	B	C	B		
Phenylhydrazine	F	C	C	B	F	B		
Phosphoric Acid F	F	A	A	A	F	A	C	A
Phosphorus	F	F	F	F	F	F		
Phosphorus Oxychloride	F	C	F	F	F	F	F	A
Phosphorus Pentoxide	F	A	B	B	F	B		
Phosphorus Trichloride	F	B	A	A	F	A	F	A
Phthalic Acid	F	B	B	B	F	B		
Phthalic Anhydride	F	F	F	F	F	F		
Picric Acid	F	B	B	B	F	B	C	C
Pine Oil	B	B	B	A	B	A	C	B
Pinene	B	B	B	A	B	A	A	A
Plasticisers	B	B	B	A	B	A		
Polyethylene Glycol	B	B	B	A	B	A	A	A
Polyethylene Polyamines	F	C	C	A	F	A	A	A
Polypropylene Glycol	B	B	B	A	B	A	A	A
Potassium Salts	F	A	B	A	F	A	A	A
Propionaldehyde	F	C	C	A	F	A	C	F
Propionic Acid	F	B	B	A	F	A	C	F
Propionic Anhydride	F	C	C	B	F	B		
Propionitrile	C	C	C	C	C	C	F	F
Propyl Acetate	C	C	C	A	C	A	F	F
Propyl Alcohol	A	A	A	A	A	A	A	A
Propylamine	F	B	B	A	F	A	C	F
Propylene Glycol	A	A	A	A	A	A	A	A
Propylene Oxide	F	B	B	B	F	B	F	F
Prussic Acid	F	A	A	A	F	A		
Pyridine	F	B	B	A	F	A	F	F
Pyrosulphuric Acid	F	F	F	B	F	B	C	C
Salt Solution	F	A	B	A	F	A	A	A
Sea Water	F	A	B	B	F	B	A	A
Sewage	F	B	B	B	F	B	A	A
Silicon Oil	A	A	A	A	A	A	A	A
Silver Halides	F	A	F	F	F	F	C	C
Silver Salts	F	A	B	B	F	B	A	A
Soap Solution	B	A	A	A	B	A	A	A
Sodium Chloride	F	A	F	F	F	F	A	A
Sodium Dichromate	F	B	F	F	F	F	F	C
Sodium Hydrosulfide	F	A	B	B	F	B	C	B
Sodium Hydroxide	F	A	B	B	F	B	C	C
Sodium Hypochlorite	F	C	F	F	F	F	F	A
Sodium Salts	F	A	B	B	F	B	B	A
Sodium Thiosulfate	F	A	B	B	F	B	A	A

CHEMICAL or MATERIAL CONVEYED	HOSE INNER WIRE				COUPLINGS MATERIAL		SEALS MATERIAL	
	POLYPROPYLENE LINER			PTFE	carbon steel	stainless steel	NBR	VITON
A - Suitable for use 60°C	galvaniz. steel	polypropylene	stainless steel	stainless steel				
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- No data (contact SP TECH)	G	P	S	S				
Starch(aqueous)	B	A	A	A	B	A	A	A
Styrene Monomer	B	B	B	A	B	A	F	A
Sugar Syrup	A	A	A	A	A	A	A	A
Sulphamic Acid	F	A	A	A	F	A	B	C
Sulphur Dioxide	F	C	C	C	F	C	C	A
Sulphur Liquid	F	F	F	F	F	F	B	A
Sulphuric Acid (<20%)	F	B	C	B	F	B	B	A
Sulphuric Acid (>85%)	F	C	C	B	F	B	F	A
Sulphuric Acid (20%-80%)	F	B	F	C	F	C	F	A
Sulphurous Acid	F	B	B	B	F	B	C	A
Sulphuryl Chloride	F	F	F	F	F	F	C	A
Tall Oil	A	A	A	A	A	A	A	A
Tallow	A	A	A	A	A	A	A	A
Tannic Acid	F	A	A	A	F	A	C	A
Tartaric Acid	F	A	B	A	F	A	C	A
Tetrachloroethane	C	C	C	A	C	A	F	A
Tetrachloroethylene	C	C	C	A	C	A	F	A
Tetraethylene Glycol	B	B	B	A	B	A	A	A
Tetrahydrofuran	F	C	B	A	F	A	F	F
Tetrahydronaphthalene	C	C	C	A	C	A		
Tetrathylene Pentamine	F	B	B	B	F	B		
Thionyl Chloride	F	F	F	C	F	C		
Tin Halides	F	A	F	F	F	F	A	A
Tin Salts	F	A	B	F	F	F	A	A
Titanium Tetrachloride	F	C	F	F	F	F	B	A
Toluene	C	C	C	A	C	A	C	A
Toluene Diisocyanate	B	B	B	A	B	A	C	B
Transmission Oil	B	B	B	A	B	A	B	A
Tributyl Phosphate	B	B	B	A	B	A	F	F
Tributylamine	B	B	B	A	B	A	B	F
Trichloroacetic Acid	F	A	B	B	F	B	C	F
Trichlorobenzene	F	C	C	A	F	A	F	B
Trichloroethane	C	C	C	A	C	A	F	A
Trichloropropane	C	C	C	A	C	A	F	A
Tricresyl Phosphate	B	B	B	A	B	A	F	A
Tridecanol	B	B	B	A	B	A	A	B
Triethylamine	F	B	B	B	F	B	A	F
Triethylbenzene	B	B	B	A	B	A		
Triethylene Glycol	A	A	A	A	A	A	A	A
Triethylene Tetramine	F	B	B	A	F	A		
Trimethyl Acetic Acid	F	A	A	A	F	A		
Trimethyl Benzene	B	B	B	A	B	A	B	A
Trioctyl Phosphate	B	B	B	A	B	A	F	B
Trithanolamine	F	B	B	A	F	A		

CHEMICAL or MATERIAL CONVEYED	HOSE INNER WIRE				COUPLINGS MATERIAL		SEALS MATERIAL	
	POLYPROPYLENE LINER		PTFE		carbon steel	stainless steel	NBR	VITON
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- No data (contact SP TECH)	G	P	S	S				
Tritolyl Phosphate	B	B	B	A	B	A	F	A
Turpentine	C	C	C	A	C	A	B	A
Urea/AmmoniumSalt Solution	B	A	B	A	B	A	A	A
Valeraldehyde	C	C	C	A	C	A	C	F
Vaseline	A	A	A	A	A	A	A	A
Vinegar	F	A	A	A	F	A	C	A
Vinyl Acetate	F	B	B	A	F	A	F	A
Vinyl Ethyl Ether	C	C	C	A	C	A		
Vinyl Toluene	B	B	B	A	B	A	F	A
Vinylidene Chloride	C	C	C	A	C	A	F	A
White Spirits	B	B	B	B	B	B	A	A
Wine	F	B	B	A	F	A	A	A
Xylene/Xylenol	B	B	B	A	B	A	C	A
Yeast(aqueous)	F	A	A	A	F	A	A	A
Zinc Halides	F	A	F	F	F	F	A	A
Zinc Salts	F	A	B	B	F	B	A	A

