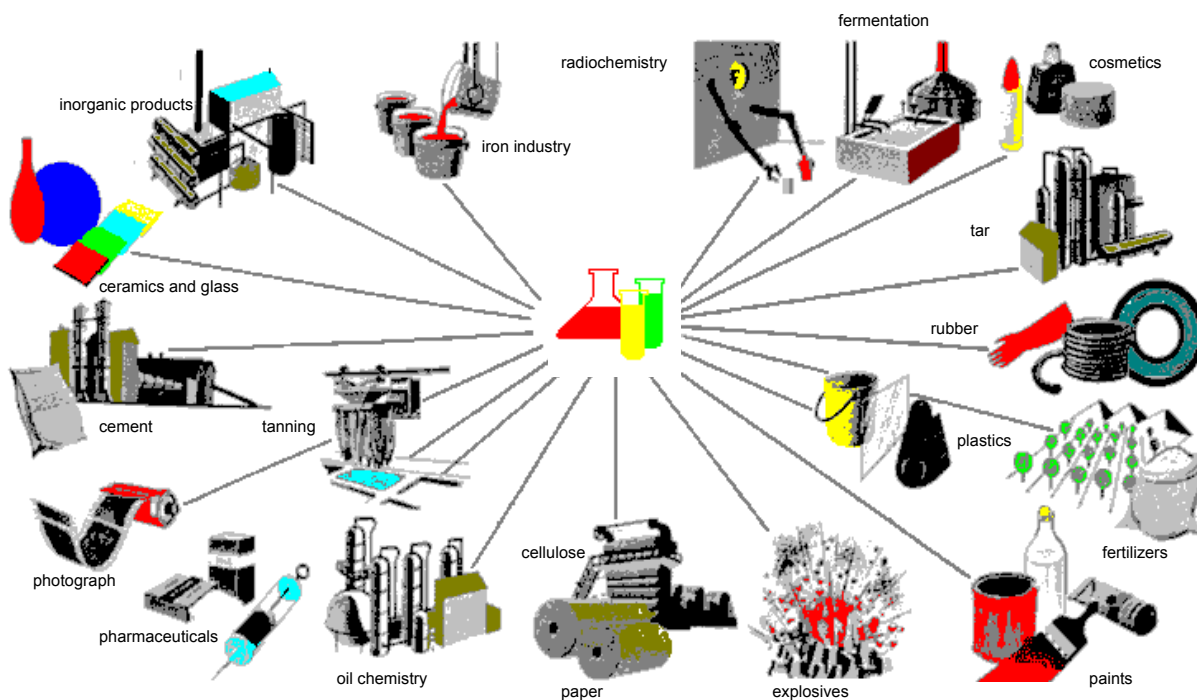


RESISTANCE CHART

technology and quality



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RESISTANCE CHART

This chart is designed to help You to select the proper hose to conduct the many materials found in industry.

It should be used as a **guide** because the resistance of a tube compound with a material depends on many variables:

- Temperature
- Concentration
- Pressure
- Velocity
- Duration of exposure
- Stability of the fluid
- Operating conditions

Also variations in elastomer types and their compounding for **specific service conditions** play an important part in the life of the hose.

When in doubt it is always advisable to contact our **Technical Service** for a recommendation.

The most commonly used materials are listed here.

Products not described or those outside of indicated conditions should be referred to us.

Ratings are for **concentrated** or **saturated** solutions at room temperature (21°C) unless otherwise specified.

The rating code indicates the degree or range of serviceability for each type of hose.

RATING CODES

E : EXCELLENT

Little or no effect on tube
Suitable for continuous service

G : GOOD

Limited effect on tube. Generally suitable for continuous service and for intermittent use

F : FAIR

Moderate to severe effect on tube
Not recommended for continuous service
Generally suitable for intermittent use

= : UNSUITABLE

Not recommended

BLANK

Not enough data to determine an accurate rating

RESISTANCE CHART

WARNING

- Many materials should be recognized as hazardous due to their characteristics and proper precautions must be taken in order to assure safe use. It is user's exclusive responsibility to develop suitable techniques; failure to take proper precautions could lead to serious bodily injury or property damage.

- Many chemicals which have little or limited effect on tube, if conveyed separately, can seriously reduce its suitability when carried together.

- Service conditions outside of described recommendations reduce considerably the ability of a particular compound to resist a material; in this case a practical test only can determine if the hose can fulfill its intended purpose.


- Chemical resistance does not imply conformance to the F D A or Europeans specifications when carrying products which may be used as foodstuffs or potable liquid. Nor does it imply non-staining characteristics in the case of chemicals.

- The Rating Codes are related to the tube only; in no case they can be taken in consideration with regard to the cover. Applications involving the resistance of the cover to a given product should be referred to our Technical Department.

- The reinforcement of the hose does never be in contact with the medium to be carried; in that case a capped ends hose must be used.


- Fittings and couplings assembling must be performed only by trained personnel. Great care should be taken for cross-linked polyethylene which above 38°C starts becoming soft from temperature alone.

RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	%	TEMPERATURE °C																
		21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Acetal	E			=			=			=			E	E		E		
Acetaldehyde	E			=			=			=			E	E		E	E	
Acetamide	E			=			E			E	G		E			E	E	
Acetate Solvents	=			=			=			=			E			E		
Acetic Acid	10 E	G		F			E			E			E	E		E	E	G
Acetic Acid	25 G			=			E			=			E			E	E	
Acetic Acid	50 E			=			E			G			E			E	E	
Acetic Acid	99 G			=			G			=			E			E	F	
Acetic Anhydride	F			=			E			=			E			E	E	
Acetic Ester	F			=			=			=			E			E		
Acetic Ether	F			=			=			=			E			E		
Acetic Acid Amylester	F			=			=			=			E					
Acetic Acid Anhydride	F			=			E			=			E			E	E	
Acetic Acid Butylester	F			=			=			=			E			E	F	
Acetic Acid Ethylester	F			=			=			=			E			E		
Acetic Acid Glacial	G			=			E			=			E			E		
Acetic Acid Methylester	F			=			=			=			E			E		
Acetic Acid-2-Methoxyethylester	G			=			F			=			E			E		
Acetic Acid Propylester	F			=			=			=			E			E		
Acetic Acid Vinylester	E			=			=			=			G			E		
Acetone	G			=			F			=			E			E	E	
Acetone Cyanohydrin	=			=			F			=			E			E		
Acetonitrile	F			=			F			=			E			E		
Acetophenone	G			=			=			=			E			E		
Acetyl Acetone	E			=			=			=			E			E		
Acetyl Cellulose	G			=			=			E			E			E		
Acetyl Chloride	=			=			=			E			G			G		
Acetyl Oxide	=			F			G			=			E			E	F	
Acetylene	E			E			G			E			E			E		
Acetylene Dichloride	=			=			=			E			E			F	F	
Acetylene Tetrachloride	=			=			=			E			E			F	F	=
Acid Crude Tar	=			E	G		E			E			E	G	=	E	G	
Acrolein	E			=			=			=			E			E		
Acrylic Acid	E			=			E			=						G		
Acrylic Acid Ethylester	F			=			=			=			E			E		
Acrylic Acid Methylester				=			=			=			E			E		
Acrylonitrile	G			=			=			=			E			E	E	
Adipic Acid	Aq E			E			G			E			E			E	E	
Adipic Acid Diethylester	=			=			=			=			E			E		
Agricultural Spray Oil	=			E			=			E			E			E		
Corrosiv/ac			Corrosiv/spac															
Carbopomp/1tn			Nafta/16 1tn-tml-tmc															
Corrosiv/hyp						Corrosiv/spl hyp												
Corrosiv/viton						Corrosiv/spl viton												
Corrosiv/cl									Corrosiv/spcl									
Superior hbb			Superior/c hdn									Superior/spl hbb-hdn						


Rating Codes E = Excellent G = Good F = Fair = Not Recommended Blank = Not enough data

RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Air	E	G		E	G		E	G		E	G		E	E	G	E	E	
Alabaster	E			E			E			E			E			E		
Aliphatic Acid	E			E			E			E			E			E		
Aliphatic Alcohols	Refer to a specific one																	
Alk-Tri®	=			=			=			E			F			G	=	
Alkil Benzene	=			=			=			E			E			E	=	
Alkil Lauryl Sulphonate	E			E			G			E			E			E		
Allyl Alcohol	E			E			E			E			E			E	E	
Allyl Benzol	=			=			=			E			E			E	=	
Allyl Bromide				=			=			G			G			G		
Allyl Chloride	=			=			=			G			G			G	=	
Alum	Aq	E	G	E	G		E	G		E			E	E	G	E	E	
Aluminium Acetate	Aq	E		E			E			E			E			E	E	
Aluminium Bromide		E		E			E			E			E			E		
Aluminium Chlorate	Aq	E		E			E			E			E			E		
Aluminium Chloride	Aq	E	G	E	G		E	G		E	G		E	E	G	E	E	
Aluminium Fluoride		E	G	E	G		E	G		E			E	E	G	E	E	
Aluminium Fluorosilicate		E					G									E		
Aluminium Formate	Aq	F	=	=			G			=			E			E	E	
Aluminium Hydroxide	Aq	E	G	E			F			E			E	E		E	E	
Aluminium Iodide		E					G									E		
Aluminium Nitrate	Aq	E		E			E	G		E			E			E		
Aluminium Oxyde	Aq	E		E			E			E			E			E		
Aluminium Phosphate	Aq	E		E			E			E			E			E		
Aluminium Salts	Refer to a specific one																	
Aluminium Sulphate	Aq	E		E			E	G		E			E	E	G	E	E	G
Aluminium Sulphide		G		E			E			E			E			E	E	
Aminobenzene	=			F						=			E			E		
Aminodiethyle	F			=						=			E			E		
Aminoethanol	E			F			G			=			E			E		
Aminopropanol	G			F			=			=			E			E		
Aminoethanol Amine	E			G			E			=			E			E		
Aminoethyl Ethanolamine	E			F			G			=			E			E		
Ammonia Anhydrous	Use Anhydrous Ammonia Hose Only																	
Ammonia Gas	E	G		E			E			=			E			E	E	
Ammonia Liquid	25	E	G	G			F			E	F		E			E		
Ammonia Vapour	Use Anhydrous Ammonia Hose Only																	
Ammonia Water	25	E	G	E			E	G	G	E	F		E	G		E	E	
Ammonia Cupric Sulphate	=			E			E			E			E			E		
Ammoniated Latex	=			G			F	=					E			E		
Corrosiv/ac	Corrosiv/spac																	
Carbopomp/1tn	Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp	Corrosiv/spl hyp																	
Corrosiv/viton	Corrosiv/spl viton																	
Corrosiv/cl	Corrosiv/spcl																	
Superior hbb	Superior/c hdn									Superior/spl hbb-hdn								


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Ammonium Acetate	Aq	E			E			E			E			E			E	E	
Ammonium Alum		E			E			E			E			E			E	E	
Ammonium Bichromate								G									E	E	
Ammonium Biphosphate	Aq	E			E			E			E			E			E	E	
Ammonium Bisulphate	50	E			G			E			E			E			E	E	
Ammonium Bisulphite		G						G									E	E	
Ammonium Bromide	Aq	E			E			E			E			E			E	E	
Ammonium Carbamate								G											
Ammonium Carbonate	Aq	E			E	G		E			E			E			E	E	
Ammonium Chloride	Aq	E	G		E	G		E	G		E	G		E	E	G	E	E	G
Ammonium Chromate		E						G									E	E	
Ammonium Hydroxide	25	E	G		E			E	G	G	E	F		E	G		E	E	
Ammonium Methaphosphate	Aq	E	G		E	G		E	G		E			E	E	G	E	E	G
Ammonium Nitrate	Aq	E	G		E	G		E	G		E			E	E	G	E	E	
Ammonium Nitrite	Aq	E			E			E						E			E	E	
Ammonium Oxalate		E						G									E	E	
Ammonium Persulphate	Aq	G			F			E			E			E			E	E	
Ammonium Phosphate	Aq	E	G		E			E	G		E			E	E	G	E	E	G
Ammonium Stearate		E						G									E	E	
Ammonium Sulphate	Aq	E	G		E	G		E	G	G	E			E	E		E	E	G
Ammonium Sulphide	Aq	G	=		E	G		E	G		E			E	E	G	E	E	G
Ammonium Sulphite		E	=		E	G		E	G		E			E	E	G	E	E	
Ammonium Sulfocyanide		E	G		E	G		E	G		E			E	E	G	E	E	
Ammonium Thyocyanate	Aq	E	G		E	G		E	G		E			E	E	G	E	E	
Ammonium Thyocyanide	Aq	E			E						E			E			E	E	
Ammonium Thyosulphate	Aq	E			E			E			E			E	E	G	E	E	
Amyl Acetate		E			=			=			=			E	G		E	E	
Amyl Acetone		F			=			=			=			E			E	E	
Amyl Alcohol		G			E			E	G	G	E	G	G	E	G		E	E	
Amyl Amine					F			F			=			E			E	E	
Amyl Borate		=			F			E			E			E			E	E	
Amyl Chloride		=			=			=			E			E			E	=	
Amyl Chloronapthalene		=			=			=			E			E			E		
Amyl Napthalene		=			=			=			E			E			E		
Amyl Oleate		E			E			=						E			E	E	
Amyl Phenol					=			=			E			E			E	E	
Amyl Phtalate		=			=			=			F			E			E	F	
Amylene Hydrate		G			E			E	G	G	E	G	G	E	G		E	E	
Anethole		=			=			=						G			G	E	
Aniline		G	F		=			=			G	F	=	E	G		E	E	
Corrosiv/ac		Corrosiv/spac																	
Carbopomp/1tn		Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp		Corrosiv/spl hyp																	
Corrosiv/viton		Corrosiv/spl viton																	
Corrosiv/cl		Corrosiv/spcl																	
Superior hbb		Superior/c hdn												Superior/spl hbb-hdn					

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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Aniline Chlorohydrate	G			=			=			G			E			E	E	
Aniline Dyes	F			=			=			G			E			E	E	
Aniline Hydrochloride	G			=			=			G			E			E	E	
Aniline Paint Oil (low)	F			=			=						G			G	E	
Animal Fats	E			E			=			E			E			E	E	
Animal Grease	E			E			=			E			E			E	E	
Animal Oils				E			=			E			E			E	F	
Anone	F			=			=			=			E			E	F	
Antichlorine	E			E			E	G		E			E	E	G	E	E	G
Antifreeze	E	G		E	G		E	G	G	E	E	G	E	E	G	E	E	E
Antimony Chloride	50			E						E			E			E	E	
Antimony Pentachloride	Aq			E			=						G			E	E	
Aqua Regia	=			=			=			G			=			=		
Aromatic Alcohols				F														
Aromatic Amine	=			=			=			=			E			E		
Aromatic Hydrocarbons	40			E			=			E			E			E	E	
Aromatic Hydrocarbons	60			G			=			E			E			E	E	
Aromatic Hydrocarbons	99			=			=			G			G			G		
Aromatic Tar	=			F			=						E					
Aro-Tox®	=			F			=											
Arquads				E			E			E			E					
Arsenic Acid	E			E			E			E			E			E		
Arsenic Chloride				E			=			=			=			=		
Arsenic Trichloride				E			=			=			=			=		
Asphalt	=			E	G		G	F		E	E	G	G	F	=	E	=	=
ASTM 1 Oil	=			E			E			E			E			E	F	
ASTM 2 Oil	=			E						E			E			E		
ASTM 3 Oil	=			E						E			E			E		
Azote Gas	E			E	G		E			E			E			E	E	
Barium Acetate	G						G			G						E	E	
Barium Carbonate	Aq	E	G	E	G		E	G		E			E	E	G	E	E	
Barium Chloride	Aq	E	G	E	G		E	G		E			E	E	G	E	E	
Barium Chromate							G			G						E		
Barium Cyanide							G			G						E		
Barium Hydrate	Aq	E	G	E	F		E	G	G	E			E	E	G	E	E	E
Barium Hydroxide	Aq	E	G	E	F		E	G	G	E			E	E	G	E	E	E
Barium Fluoride				E			G			E			E			E		
Barium Nitrate				E			E			E			E			E		
Barium Oxyde				E			G			E			E			E		
Barium Peroxide				E			G			E			E			E		
Corrosiv/ac Corrosiv/spac																		
Carbopomp/1tn Nafta/16 1tn-tml-tmc																		
Corrosiv/hyp Corrosiv/spl hyp																		
Corrosiv/viton Corrosiv/spl viton																		
Corrosiv/cl Corrosiv/spcl																		
Superior hbb Superior/c hdn Superior/spl hbb-hdn																		


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RESISTANCE CHART

		EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
		TEMPERATURE °C																	
		%																	
		21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Barium Salts	Aq	E	G		E	G		E	G					E	E		E	E	
Barium Stearate		E			E			G			E			E			E		
Barium Sulphate	Aq	E			E	G		E			E			E			E		
Barium Sulphide	Aq	E	G		E	G		E	G		E	G		E	E	G	E		
Beet Sugar Liquors		E			E			E			E			E	E	G	E	E	
Belt Oil	=				G									E					
Benzaldehyde	Aq	F			=			=			=			E			E	F	
Benzal Chloride		=			=			=						E			E		
Benzene	=				=			=			E	G		E	G	=	E	G	=
Benzene Sulphonic Acid	10	F			=			E			E			E			E		
Benzene Trichloride		=			=			=			E			E			E		
Benzine Petroleum Ether		=			E			=			E			E			E		
Benzine Petroleum Naphta		=			E			=			E			E	G		E		
Benzine-Benzol-Ethanol (50-30-20)		=			=			=			E			E	G		E		
Benzine-Benzol (50-50)		=			E			=			E			E			E		
Benzo-o-Dicarbonic Acid		E			E			E			E			E			E		
Benzoic Acid	Aq	E			E			G			E			E			E	E	
Benzoic Aldehyde					=			=			=			E			E		
Benzoic Acid Aldehyde		F			=			=			F			E					
Benzoic Acid Benzylester		F			=			=			F			E					
Benzoic Acid Ethylester					=			=			G			E			E		
Benzoic Acid Methylester		G			=			=			=			E			E		
Benzol	=				=			=			E	G		E	G	=	E	G	=
Benzophenol	=				=			=			E	G	G	E	G	F	E	G	
Benzophenone		F			=			=			E	F		E					
Benzotrichloride					=			=						G			G		
Benzoyl Chloride	=				=			=			G			G			E		
Benzyl Acetate		F			=			=			=			E			E		
Benzyl Acrilate		F			=			=			=			E					
Benzyl Alcohol					=			G			E			E			E	E	
Benzyl Benzoate	=				=			=			E			E					
Benzyl Chloride	=				=			=			E			E			E		
Benzylidene Chloride	=				=			=			E			E			E		
Bichromate of Soda	20	G			=			E	G	G	E			E	E	G	E		
Bismuth Carbonate	Aq	E			E			F			E			E					
Bitter Almonds Oil		F			=			=			=			E			E	F	
Black Sulphate Liquor		E			G	F		G	F		E			E	E	G	E		
Blast Furnace Gas	=				=			=			E			E	G		E	G	
Bleach		E			=			F			G			G			G		
Borax	Aq	E			E			E	G	G	E			E	G		E	E	
Corrosiv/ac		Corrosiv/spac																	
Carbopomp/1tn		Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp		Corrosiv/spl hyp																	
Corrosiv/viton		Corrosiv/spl viton																	
Corrosiv/cl		Corrosiv/spcl																	
Superior hbb		Superior/c hdn												Superior/spl hbb-hdn					


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE					
	TEMPERATURE °C																				
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76		
Bordeaux Mixture	E			G			E			E			E			E			E		
Boric Acid	E			E	G		E	G	G	E			E	G		E	E		E	E	
Brine	E			E	G		E	G		E			E	E		E	E		E	E	G
Bromine	=			=			=			G			=			=			=		
Bromine Trifluoride	=			=			=			=			=			=			=		
Bromine Water	G			=			E			E			E			=			E		
Bromobenzene	=			=			=			E			E			=			=		
Bromochloroethane	=			=			=			E			E			=			=		
Bromochloromethane	=			=			=			E			E			=			=		
Bromotoluene	=			=			=			E			E			=			=		
Bunker Fuel Oil	=			E			=			E			E	G		E	E		E	E	
Butadiene	=			F			=			E			E			E	E		E	E	
Butane Gas	=			E			E			E			E			E	E		E	E	
Butane Liquid	=			E			E			E			E			E	E		E	E	
Butane-Propane	Use Butane-Propane hose																				
Butanol	E			E			E			E			E	G		E	E		E	E	
Butanol Acetate	F			=			=			=			=			E	E		=	=	
Butene	F			E			E			E			E	G		G	E		G	E	F
Butyl Acetate	F			=			=			=			=			E	E		E	E	F
Butyl Acetoacetate	F			=			=			=			=			E	E		E	E	F
Butyl Acrylate	=			=			=			=			=			G	E		E	E	F
Butyl Alcohol	E			E			E			E			E	G		E	E		E	E	
Butyl Aldehyde	G			=			=			=			=			E	E		E	E	
Butyl Amine	=			F			=			G			E	E		E	E		E	E	
Butyl Benzene	=			=			=			E			E	E		E	E		E	E	
Butyl Benzoate	G			=			=			=			=			E	E		E	E	
Butyl Bromide	=			=			=			G			=			=			=	=	
Butyl Butyrate	=			=			=			=			=			G	E		G	E	
Butyl Carbitol	E			G			G			E			E	E		E	E		E	E	
Butyl Cellosolve	E			E			E			E			E	=		=			E	F	
Butyl Chloride	=			F			=			E			E	G		G	E		F	E	
Butyl Diglycol	E			E			=			E			E	=		=			E	F	
Butyl Ether	=			=			=			=			=			E	E		E	E	=
Butyl Glycol	E			E			E			E			E	=		=			E	F	
Butyl Mercaptan	=			=			=			E			E	F		F	E		E	E	
Butyl Oleate	G			=			=			E			E	E		E	E		E	E	
Butyl Phtalate	=			=			=			F			E	E		E	E		E	E	F
Butyl Stearate	F			=			=			E			E	E		E	E		E	E	
Butyl Acetyl Recinoleate	=			=			=			=			=			=			=	=	
Butyl Benzyl Phtalate	F			=			=			F			E	E		E	E		E	E	
Corrosiv/ac			Corrosiv/spac																		
Carbopomp/1tn			Nafta/16 1tn-tml-tmc																		
Corrosiv/hyp			Corrosiv/spl hyp																		
Corrosiv/viton			Corrosiv/spl viton																		
Corrosiv/cl			Corrosiv/spcl																		
Superior hbb			Superior/c hdn									Superior/spl hbb-hdn									


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Butyl Diethylene Glycol	E			E			=			E			E			E			
Butyl Diglycol Acetate	E			=			=			=			E			E			E
Butyl Ethyl Acetaldehyde	F			=			=			=			F			F			F
Butyl Ethyl Ether				=			=			=			E			E			E
Butyl Glycol Acetate	E			=			=			=			E			E			E
Butyl Monobutylether	E			F						F			E			E			
Butylene	F			E			E			E			E			G			G
Butyraldehyde	G			=			=			=			E			E			E
Butyric Acid	Aq F			=			F			E			E			E			E F
Butyric Acid Ethylester	E			=			=			=			E			E			E
Butyric Anhydride				=			G			=			F	=		F			F
Cadmium Acetate	E			F			=			E			E			E			E
Cadmium Cyanide	E						E			E			E			E			E
Cadmium Salts	Refer to a specific one																		
Calcium Acetate	Aq G			E			G			G			G			E			E
Calcium Aluminate	E			E			E			E			E			E			E
Calcium Arsenate	E			E			G			E			E			E			E
Calcium Bicarbonate	E			E			G			E			E			E			E
Calcium Bichromate	E						G	F	=				E	G	G	E	G	G	E G G
Calcium Biphosphate	E			E			G			E			E			E			E
Calcium Bisulphate	Aq E			E			E	G		E	G		E			E	E	G	E E G
Calcium Bisulphite	=			E	G		E	G	G	E			E			E	E	G	E E G
Calcium Bromide	E			E			G			E			E			E			E
Calcium Carbonate	E			E			E	G		E			E			E	E	G	E E G
Calcium Chlorate	Aq E			E	G		E			E			E			E			E E
Calcium Chloride	Aq E			E	G		E	G		E			E			E	E	G	E E G
Calcium Chromate	G						G			E			E			E			E
Calcium Fluophosphate	E			E			E			E			E			E			E
Calcium Fluoride	E			E			G			E			E			E			E
Calcium Hydroxide	Aq E	E	G	G	F		E	G	G	E			E			E	E	G	E E G
Calcium Hypochloride	Aq E			E			E			E			E			E			E
Calcium Hypochlorite	5 G	G		=			E	G		E			E			E			E E
Calcium Hypochlorite	20 F	=		=			G	F		E	G		E			E			E G
Calcium Hypochlorite (no free Chlorine)	E	G		F			E	G		E	G		E			E	E	G	E E G
Calcium Methaphosphate	E			E			G			E			E			E			E
Calcium Nitrate	Aq E	G		E			E	G		E			E			E	E	G	E E G
Calcium Oleate	E			E			G			E			E			E			E
Calcium Oxyde	G												E			E			E
Calcium Phosphate	50 E			E			E			E			E			E			E E


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Calcium Salts	Refer to a specific one																	
Calcium Silicate	E			E			E	G		E			E	E	G	E	E	G
Calcium Stearate	E			E			G	G		E			E	E		E	E	
Calcium Sulphate	Aq	E	G	E	G		E	G		E			E	E	G	E	E	G
Calcium Sulphhydrate		E		E			E			E			E	E		E	E	
Calcium Sulphide	Aq	E		E			E	G		E			E	E	G	E	E	G
Calcium Sulphite		E		E			E	G		E			E	E	G	E	E	G
Caliche Liquors		E		E			E			E			E	G		E	E	
Cane Sugar Liquors	Aq	E		E			E			E			E	G		E	E	
Caprylic Acid		G		=			=			=			G			E	E	
Carbinol		F	=	F			E	G		E	G		E	G		E	E	
Carbitol		E		E			E			E			E			E	E	
Carbitol Acetate				=			=			=			E			E	E	
Carbolic Acid		=		=			=			E	G	G	E	G	F	E	G	
Carbon Bioxide, gaseous		G		E	G		G	G		E			E	G		E	E	
Carbon Bisulphide		=		=			=			E			E	F		F	E	
Carbon Monoxide, gaseous		=		E			F			E			E	E		E	E	G
Carbon Sulphide		=		=			=			E			E	F		F	E	
Carbon Tetrachloride		=		=			=			E	G		F			G	E	
Carbon Tetrafluoride (Freon 14)		=		=			=			E			E			E	E	
Carbonic Acid		E	E	E			E			E			E	G		E	E	
Casein		E		E			E			E			E			E	E	
Castor Oil		G		E			E	G		E			E	G		E	E	
Caustic Lime		G											E			E	E	
Caustic Potash	20	E	G	G			E	G	G	E	G	G	E	E	G	E	E	
Caustic Potash	50	E	G		=		G	G		G	G		E			E	E	
Caustic Soda	20	E	G	G	E	G	E	G		E			E			E	E	
Caustic Soda	40	G	G	G	=		E	G		E	G	G	E			E	E	
Caustic Soda	50	G	G	G	=		E	G		E	G	=	E			E	E	
Caustic Soda	70	=			=		E	G	G	=			E			E	E	
Cellosize®		G		=			=			=			E			E	E	
Cellosolve		G		=			=			=			E			E	E	
Cellosolve Acetate		G		=			=			=			E	G		E	E	
Cellulube Hydraulics Fluids				=			=						E			E	E	
Cellulose Acetate		G		=			=			E			E			E	E	
Cetylic Acid		G		E	F		F	=		E			G			E	E	
Cetylacetic Acid		E		E	F		G	F		E			E	G		E	G	
Chile Saltpetre		E	G	E			E	G		E	G		E	E	G	E	E	G
Chine Wood Oil		=		E			E			E			E	G		E	G	
Chlordane-Water (5%-95%)													E			E		
Corrosiv/ac	Corrosiv/spac																	
Carbopomp/1tn	Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp																Corrosiv/spl hyp		
Corrosiv/viton																Corrosiv/spl viton		
Corrosiv/cl																Corrosiv/spcl		
Superior hbb	Superior/c hdn						Superior/spl hbb-hdn											


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Chlorylene	=			=			=			E			F			G	=	
Chlorinated Hydrocarbons	=			=			=						G			G		
Chlorinated Solvents Dry	=			=			=			E			E	G		E	G	
Chlorinated Solvents Wet	=			=			=			E			E	G		E	G	
Chlorine Bioxide	=			=			F			E			F			F		
Chlorine Gas Dry	F			=			G			G	G	F	=			F	=	
Chlorine Gas Wet	G			=			G			G	G		=			F	=	
Chlorine Water	3	G		=			G			G	G		E			E	F	
Chlorine Water Saturated		G		=						E						E	F	
Chloroacetic Acid	25	F		=			F			=			=			E	E	
Chloroacetone		E		=			=			=			E			E		
Chlorobenzene		=		=			=			E			E			E		
Chlorobenzol		=		=			=			E			E			E		
Chlorobromomethane		=		=			=			E			=			=		
Chlorobutadiene		=		=			=			E			E			E		
Chlorobutane		=		F			=			E			G			E		
Chlorocalcium	Aq	E		E	G		E	G		E			E	E	G	E	E	G
Chlorodifluoromethane		=		=			E			=			F			E		
Chloroethyle		=		=			=			E			G			G		
Chloroethylene		=		=			=			E			E			E	=	
Chloroethylbenzene		=		=			=			E			G			G		
Chlorohydrogen (without water)		E		=			E			E			E			E		
Chloroform		=		=			=			E			F			F	=	
Chloronaphtalene		=		=			=			G								
Chloropentane		=		=			=			E			E			E		
Chlorophenol		F		=			=			G			G			G		
Chloropotassium	Aq	E		E	G		E	G		E			E	E		E	E	
Chloropropanone		=		=			=			=			E			E		
Chloroprene Monomer		=		=			F			=								
Chlorosulphonic Acid		=		=			=			=			F			F		
Chlorotene		=		=			=			E			E			E		
Chlorotoluene		=		=			=			G			G			G		
Chlorox®		=		=			E			E			G			E		
Chromate		G					G			G						E		
Chrome Alum	Aq						G			G						E	E	
Chrome Acetate							G			G						E		
Chrome Plating Solutions		G		=			=			=								
Chrome Salts																		
Chrome Sulphate		E					E			G			E			E		
Chromic Acid	10	E					=			E	G		E			E		
Refer to a specific one																		
Corrosiv/ac	Corrosiv/spac																	
Carbopomp/1tn	Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp	Corrosiv/spl hyp																	
Corrosiv/viton	Corrosiv/spl viton																	
Corrosiv/cl	Corrosiv/spcl																	
Superior hbb	Superior/c hdn												Superior/spl hbb-hdn					


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	%	TEMPERATURE °C																	
		21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Chromic Acid	25	F			=			E	G		E			E			E		
Chromic Acid	50	=			=			E	G		E			F			F	=	
Citric Acid, aqueous	30	E			E	G		E	G		E			E	G		E	E	
Coal Oil		=			E			=			E			E			E		
Coal Tar		=			E			G			E			G			E		
Coal Tar Naphta		=			F			=			E			E			E		
Cobalt		E			E			E			E			E			E		
Cobalt Chloride		E			E			E			E			E			E		
Cobalt Salts	Aq	E			E			E			E			E			E		
Cobalt-Nickel Plating Solutions														G			G		
Coconut Oil		=			E			F			E			E			E		
Cod Liver Oil		E			E			G			E			E			E	F	
Coke Oven Gas		=			F			E			E			F			F		
Coloradol®		=			=			=			E			E			E		
Compressor Oil		=			E			F			E			E			E		
Copper Acetate	Aq	E			F			G			E			E			E		
Copper Arsenale		E			E			E			E			E			E		
Copper Chloride	Aq	E	G		E	G		G	F		E	G		E	E	G	E	E	
Copper Cyanide	Aq	E			E	G		E			E			E			E		
Copper Fluoride	Aq	E			E			G			E			E			E	E	
Copper Hydrate		E			G			E			E			E			E		
Copper Hydroxide		E			G			E			E			E			E		
Copper Nitrate	Aq	E	G		E			E	G		E			E	E	G	E	E	
Copper Nitrite		E			E			E			E			E			E		
Copper Sulphate	Aq	E	G		E	G		E	G	G	E			E	E	G	E	E	
Copper Sulphide		E			E			E			E			E	G		E	G	
Copper Vitriol	Aq	E	G		E	G		E	G	G	E			E	E	G	E	E	
Core Oil																			
Corn Oil		=			E			G			E			E	G		E		
Cottonseed Oil		G			E			E			E	E	G	E	G		E	E	
Creosote (Wood or Coal Tar)		=			G			=			E	E	G	E	G		E	F	
Cresol		=			F	=		=			E			E	G	F	F		
Cresol-Xylene (95%-5%)		=						=			E			E			E		
Cresol-Xylene-DDt (90%-5%-5%)		=						=			E			E			E		
Cresylic Acid		=			F	=		=			E			E	G	F	E		
Cresylic Alcohol		=			F	=		=			E			G	F	=	G		
Crotonaldehyde		F			=			=			E			E			E	F	
Crude Oil		=			E			=			E			E			E		
Cryolite	10	E			F	=		E			E			E			E		
Cumene		=			F			=			E			E			E		
Corrosiv/ac		Corrosiv/spac																	
Carbopomp/1tn		Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp		Corrosiv/spl hyp																	
Corrosiv/viton		Corrosiv/spl viton																	
Corrosiv/cl		Corrosiv/spcl																	
Superior hbb		Superior/c hdn												Superior/spl hbb-hdn					


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE					
	TEMPERATURE °C																				
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76		
Cuprammonium Sulphate	E			E			E			E			E			E			E		
Cupric Carbonate	E			G			G			E			E			E			E		
Cupric Chloride	E	G		E	G		G	F		E	G		E	E	G	E	E		E		
Cupric Cyanide	Aq	E		E	G		E			E			E			E			E		
Cupric Nitrate	E	G		E			E	G		E			E	E	G	E	E		E	E	
Cupric Nitrite	E			E			E			E			E			E			E		
Cupric Sulphate	E	G		E	G		E	G	G	E			E	E	G	E	E		E	E	
Cuprous Chloride	E									E			E			E			E		
Cuprous Cyanide	Aq	E								E			E			E			E		
Cyclobutane Oxide	=									=			=								
Cyclohexane	=			=			=			E			E			E			E	E	
Cyclohexanol	G			G			G			G			E			E			E	E	F
Cyclohexanone	F			=			=			=			E			E			E		F
Cyclohexene	=			=			=			E			E			E			E		
Cyclohexyl Amine	=			=			=			E			E			E			E		
Cyclopentane	=			=			=			E			E			E			E		
Cyclopentane Metyl	=			=			=			E			E			E			E		
Cyclopentanol	=			=			=			E			E			E			E		
Cyclopentanone	=			=			=			E			E			E			E		
Cymene	=			=			=			E			E			E			E		
DDT and Kerosene	=			=			=			E			E			E			E		
DDT in Solvent	Refer to Solvent																				
Decahydronaphtalene	=			=			=			G			F			G	F				
Dekalin	=			=			=			G			F			G	F				
Decane	=			E			=			E			E			E			E		
Decanol	G			E			=			E			E			E			E		
Decyl Alcohol	G			E			E			E			E			E			E		
Decyl Aldehyde				=			=			=			E			E			E		
Decyl Butyl Phtalate				=			=			=			E			E			E		
Denaturated Alcohol	E			E			E	G		E			E			E			E		
Diacetone	E			=			=			=			E			E			E		
Diacetone Alcohol	G			=			G			=			E			E			E		
Diamyl Amine				F			F						E			E			E		
Diamyl Naphtalene				=			=			F			E			E			E		
Diamyl Phenol				=			=			F			E			E			E		
Diamyl Phtalate	=			=			=			=			E			E			E		
Diamylene	=			=			=			=			E			E			E		
Dibenzyl Ether	F			=			=			=			E			E			E		
Dibenzyl Sebacate	G			=			=			E			E			E			E		
Dibromobenzene	=			=			=			E			E			E			E		
Corrosiv/ac			Corrosiv/spac																		
Carbopomp/1tn			Nafta/16 1tn-tml-tmc																		
Corrosiv/hyp			Corrosiv/spl hyp																		
Corrosiv/viton			Corrosiv/spl viton																		
Corrosiv/cl			Corrosiv/spcl																		
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RESISTANCE CHART

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	% TEMPERATURE °C																	
	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Dibutyl Amine	=			G			=			=			E			E		
Dibutyl Ether	=			=			=			=			E			E	=	
Dibutyl Ketone	G			=			=			=			E			E		
Dibutyl Phtalate (DBP)	E			=			=			F			E			E	F	
Dibutyl Sebacate (DBS)	F			=			=			F			E			E	F	
Dicalcium Phosphate	E			E			E			E			E			E		
Dichloroacetic Acid	G			=			G			=			E			E	F	G
Dichloroacetic Acid Methylester	E			=			=			=			E			E	G	
Dichlorobenzene	=			=			=			E			E			E		
Dichlorobenzol	=			=			=			E			E			E		
Dichlorobutane	=			=			=			E			E			E		
Dichloroethane	=			=			=			E			E			E	=	
Dichloroethylene	=			=			=			E			F			F		
Dichloroexane	=			=			=			E			E			E		
Dichloromethane	=			=			=			G	=		G			G		
Dichloropentane	=			=			=			E			E			E		
Dichloropropane	=			=			=			E			E			E	=	
Dichlorodifluoromethane	=			=			=			=			G			G		
Dichloroethyl Ether	=			=			=			=			E			E		
Dichlorofluoromethane (Freon 21)	=			=			=			=			E			E		
Dichloroisopropyl Ether	=			=			=			F			E			E		
Dichlorotetrafluoroethane	G			E			E			G			E			E		
Dicyclohexyl Amine				F						=			G			G		
Dieldrin in Xilene	=			=			=			=								
Dieldrin in Xilene and Water Spray	=			F			E			=								
Diesel Oil	=			E			F			E			E			E		
Diethanol Amine				F			F						E			E		
Diethyl Amine	=			=			=			E			F			E		
Diethyl Benzene	=			=			=			E			E			E		
Diethyl Carbinol	G			E			E			E			E			E		
Diethyl Carbonate				=			=			=			E			E		
Diethyl Ether	=			=			=			=			E			E	F	
Diethyl Ketone	=			=			=			=			E			E		
Diethyl Malate							G											
Diethyl Malonate	G			=			E			=			E			E		
Diethyl Oxalate				=			G						E			E		
Diethyl Phtalate	=			=			=			=			E			E		
Diethyl Sebacate	G			=			G			G			E			E		
Diethyl Sulphate	=			=			=			=			E			E		
Diethyl Triamine	=			G			=			=			E			E		
Corrosiv/ac				Corrosiv/spac														
Carbopomp/1tn							Nafta/16 1tn-tml-tmc											
Corrosiv/hyp										Corrosiv/spl hyp								
Corrosiv/viton													Corrosiv/spl viton					
Corrosiv/cl																Corrosiv/spcl		
Superior hbb							Superior/c hdn									Superior/spl hbb-hdn		

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RESISTANCE CHART



	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Diethyl Ethanol Amine	G			F			E			=									
Diethylene Bioxide	=			=			=			=				E				E	
Diethylene Glycol	E	G		E			E			E	G			E				E	E
Diethylene Oxide	=			=			=			=									
Diethylene Triamine	G			=			=			=				E				E	
Diethylene Glycol Dimethyl Ether	=			=			=			=				E				E	
Diethylene Glycol Monoethyl Ether	E			E			E			E				E				E	
Difluorodichloromethane	F			F						F				E					
Difluoromonochloromethane	=			=			=			=				E					
Diglycol	E	G		E			E			E	G			E				E	E
Dihexyl Phtalate	G			=			=			E				E				E	
Dihydroxyethyl Amine				F	=		=							E				E	
Dihydroxyethyl Ether				E			G			E				E				E	
Diisobutylene	=			G			=			=				E				E	
Diisobutyl Ketone (DIBK)	=			=			=			=				E				E	G
Diisodecyl Adipate	=			=			=			F				E				E	
Diisodecyl Phtalate	G			=			=			F				E				E	
Diisooctyl Adipate	=			=			=			F				E				E	
Diisooctyl Phtalate	=			=			=			F				E				E	F
Diisononyl Phtalate							G												
Diisopropanol Amine	=			F			=							E					
Diisopropyl Amine	G			F			=			=				E				E	
Diisopropyl Benzene	=			=			=			E				E					
Diisopropyl Ether	=			G			=							E				E	=
Diisopropyl Ketone	E			=			=			=				E				E	
Dilauryl Ether	=			=			=							E					
Dimethyl Acetone	E			=			=			=				E				E	
Dimethyl Amine	G			=			=			=				E				E	
Dimethyl Aniline	F			=			=			=				E				E	
Dimethyl Benzene	=			=			=			E				E				E	
Dimethyl Carbinol	G			E			E	G	G	E				E				E	
Dimethyl Ether	=			=			=			=				E				E	
Dimethyl Formamide	G	=		=			F	=		=				E	G	=		E	G
Dimethyl Furan	F	=		=			=			=				E				E	
Dimethyl Ketone	G			=			F			=				E				E	E
Dimethyl Malonate							G												
Dimethyl Phenol	=			=			=			E				F				F	
Dimethyl Phtalate (DMP)	F			=			G			G				E				E	
Dimethyl Sulphate	=			=			=			=				E				E	
Dimethyl Sulphide	=			=			=							G				G	
Corrosiv/ac	Corrosiv/spac																		
Carbopomp/1tn				Nafta/16 1tn-tml-tmc															
Corrosiv/hyp							Corrosiv/spl hyp												
Corrosiv/viton										Corrosiv/spl viton									
Corrosiv/cl													Corrosiv/spcl						
Superior hbb				Superior/c hdn									Superior/spl hbb-hdn						

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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE				
	TEMPERATURE °C																			
	%																			
	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76		
Dimethyl Sulfoxide	=			=			=			=			=			=			G	G
Dinitrobenzene	=			=			=			=			E			E			E	
Dinitrotoluene	=			=			=			=			F			F				
Dinonyl Phtalate	E			=			E			E			E			E			E	
Diocetyl Adipate	=			=			=			=			=			E			E	
Diocetyl Amine	=			F			=			=			=			E				
Diocetyl Maleate	E			=			=			=			E			E			E	
Diocetyl Phtalate (DOP)	F			=			=			=			G			E			E	F
Diocetyl Sebacate	F			=			=			=			G			E			E	
Dioxane	G	F		=			=			=			=			E	G	F	E	E
Dioxolane	F			=			=			=			=			E			E	
Dioxysuccinic Acid	E			E									E			E			E	
Dipentene	=			=			=			=			E			E			E	
Diphenyl	F			=			=			=			E			E			E	G
Diphenyl Ether	=			=			=			=			G	F		F	=		E	F
Diphenyl Oxyde	=			=			=			=			E			E				
Diphenyl Phtalate	=			=			=			=			=			E			E	
Dipropyl Amine	=			F			=			=			=			E				
Dipropyl Ketone	=			=			=			=			=			E			E	
Dipropylene Glycol	E			E			=			=			=			E			E	
Disodium Phosphate	E			E			E			E			=			E			E	E
Divinyl Benzene	=			=			=			=			E			E			E	
D.M.P. (Dimethyl Phenols)	=			=			=			=			=			F			F	
Dodecyl Benzene	=			=			=			=			E			E			E	
Dodecyl Toluene	=			=			=			=			E			E			E	
Dow Generai Weed Killer®	Aq			G												E			E	
Dowper®	=			=			=			=			E			E			E	=
Dowtherm A	=			=			F			E			E	E	G	E			E	
Dowtherm E	=			=			=			E			E			E			E	
Dowtherm S.R.I.	E			E	G		E			E			E			E			E	
Drawin	F	=		=									=			E				
Drawinol	=			=						=			=			E			E	
Epichlorohydrin	F	=		=						=			=			E			E	E
Epsom Salt	Aq	E	G	E	G		E	G		E	G		E			E	E		E	E
Erdgas	=			G			E			E			E			E	G		E	G
Ethanal	E			=			=			=			=			E	E		E	E
Ethane	=			E			G			E			E			E			E	E
Ethanol	G			G			E	G	G	E			E			E	G		E	E
Ethanol Amine	E			F			G			G			=			E			E	
Ether	=			=			=			=			=			E			E	F
Corrosiv/ac	Corrosiv/spac																			
Carbopomp/1tn	Nafta/16 1tn-tml-tmc																			
Corrosiv/hyp	Corrosiv/spl hyp																			
Corrosiv/viton	Corrosiv/spl viton																			
Corrosiv/cl	Corrosiv/spcl																			
Superior hbb	Superior/c hdn									Superior/spl hbb-hdn										


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE													
	TEMPERATURE °C																												
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76										
Ethyl Acetate	F			=			=			=			E			E													
Ethyl Acetoacetate	G			=			=			=			E			E													
Ethyl Acrylate	F			=			=			=			E			E													
Ethyl Adipate	F			=			=			=																			
Ethyl Alcohol	G			G			E	G	G	E			E	G		E	E												
Ethyl Aldehyde	E			=			=			=			E	E		E	E												
Ethyl Amine	F			=			=			=			E			E													
Ethyl Benzene	=			=			=			E			E			E													
Ethyl Benzoate	E			=			=			E			E			E													
Ethyl Benzol	=			=			=			E			E			E													
Ethyl Bromide	E			F			=			E			F			F													
Ethyl Butanol	E			E			E			E			E			E													
Ethyl Butyrate	E			=			=			=			E			E													
Ethyl Carbinol	G			G			E	G	G	E			E	G		E	E												
Ethyl Cellulose	G			G			F			=			E	G		E													
Ethyl Chloride	=			=			=			G			G			G													
Ethyl Chloroacetate	E			=			=			=			E			E													
Ethyl Dichloride	=			=			=			E			E			E	=												
Ethyl Diglycol	E			E			E			E			E			E													
Ethyl Ether	=			=			=			=			E			E	F												
Ethyl Formate	G			=			=			G			E			E													
Ethyl Glycol	E			E			E			E			E	G	=	E	F												
Ethyl Hexanol	=			E			G			G			E			E	F												
Ethyl Iodide	=			=			=			=			E			E													
Ethyl Ketone	F			=			=			=			E			E													
Ethyl Mercaptan	=			=			=			F			E			E													
Ethyl Oxalate	=			=			=			=			E			E													
Ethyl Phtalate	F			=			=			=			E			E													
Ethyl Silicate	G			E			G			E			E			E													
Ethyl Sulphate	=			=			=			=			E			E													
Ethyl Aluminium Dichloride				=			=			=																			
Ethyl Butyl Acetate	G			=			=			=			E																
Ethyl Butyl Alcohol	E			E			E			G			E			E													
Ethyl Butyl Amine				F	=		F																						
Ethyl Butyl Ketone	=			=			=			=			E			E													
Ethyl Butyraldehyde	G			=			=			=			E			E													
Ethyl Glycol Acetate	E			=			E			E			E	G		E													
Ethyl Hexoic Acid	=			=			=			=			E																
Ethyl Hexyl Acetate	=			=			=			=			G																
Ethyl Hexyl Alcohol	E			E			E			E			E																
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black;">Corrosiv/ac</td> <td>Corrosiv/spac</td> </tr> <tr> <td style="border-right: 1px solid black;">Carbopomp/1tn</td> <td>Nafta/16 1tn-tml-tmc</td> </tr> <tr> <td style="border-right: 1px solid black;">Corrosiv/hyp</td> <td>Corrosiv/spl hyp</td> </tr> <tr> <td style="border-right: 1px solid black;">Corrosiv/viton</td> <td>Corrosiv/spl viton</td> </tr> <tr> <td style="border-right: 1px solid black;">Corrosiv/cl</td> <td>Corrosiv/spcl</td> </tr> <tr> <td style="border-right: 1px solid black;">Superior hbb</td> <td>Superior/c hdn Superior/spl hbb-hdn</td> </tr> </table>																		Corrosiv/ac	Corrosiv/spac	Carbopomp/1tn	Nafta/16 1tn-tml-tmc	Corrosiv/hyp	Corrosiv/spl hyp	Corrosiv/viton	Corrosiv/spl viton	Corrosiv/cl	Corrosiv/spcl	Superior hbb	Superior/c hdn Superior/spl hbb-hdn
Corrosiv/ac	Corrosiv/spac																												
Carbopomp/1tn	Nafta/16 1tn-tml-tmc																												
Corrosiv/hyp	Corrosiv/spl hyp																												
Corrosiv/viton	Corrosiv/spl viton																												
Corrosiv/cl	Corrosiv/spcl																												
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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%																		
	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76	
Ethyl Isobutyl Ether	=			=			=			=			=			E			
Ethyl Methyl Ketone	F			=			=			=			=			E			E
Ethyl Pentachlorobenzene	=			=			=			=			E			=			
Ethyl Propyl Ether	=			=			=			=			=			E			E
Ethyl Propyl Ketone	=			=			=			=			=			E			E
Ethylene	G			E						E			E			E			E
Ethylene Bromide	=			=			=			=			G			=			F
Ethylene Chloride	=			=			=			=			E			E			E
Ethylene Chloride- Carbon Tetrachloride (75%-25%)	=			=			=			=					E				E
Ethylene Chlorobromide	=			=			=			=					F				
Ethylene Chlorohydrin	G			=					G			E			E				E
Ethylene Diamine	E			F					G			E			E				E
Ethylene Dibromide	=			=			=			=			G			=			F
Ethylene Dichloride	=			=			=			=			E	=		E			E
Ethylene Glycol	E	G		E	G		E	G	G	E	G	G	E	G	G	E	G	=	E
Ethylene Oxide, gaseous	F			=			=			=			=			E			E
Ethylene Trichloride	=			=			=			=			E			F			G
Ethylene Glycol Monobutyl Ether	E			E			E			E			E			=			E
Ethylene Glycol Monoethyl Ester	E			E			E			E			E			E	G	=	E
Ethylene Glycol-Monoethyl Eter - Acetate	E			=			E			E			E			E	G		E
Ethyne	E			E			G			E			E			E			E
Ex-Tri®	=			=			=			=			E			F			G
Exxon 2380 Turbo Oil	=			G						E			E	E	G				
Fatty Acids	E			E			E			E			E			E			E
Feeding Oil	=			E			=			E			E			E			E
Feran				=			E									F			
Ferric Bromide	E			E			E	G		E			E			E	E	G	E
Ferric Chloride	E			E			E	G		E			E			E	E	G	E
Ferric Nitrate	Aq			E			E			E			E			E			E
Ferric Sulphate	Aq			E	G		E	G	G	E			E			E	E	G	E
Ferrous Acetate	G			=			=			=			=			E			E
Ferrous Chloride	E			E			E	G		E			E			E	E	G	E
Ferrous Hydroxide	E			G			G	G		=			E			E			E
Ferrous Sulphate	Aq			E			E	G		E			E			E	E	G	E
Ferrous Ammonium Sulphate	30			E	G		E	G	G	E			E	G	G	E			E
Fish Oil	=			E			=			E			E			E			E
Fluoboric Acid	G			=			E			=			E			E			G
Fluoboric Acid	65			=			E	G		=			E			F			G
<div style="display: flex; justify-content: space-between; margin-top: 10px;"> Corrosiv/ac Corrosiv/spac Carbopomp/1tn Nafta/16 1tn-tml-tmc </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Corrosiv/hyp Corrosiv/spl hyp </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Corrosiv/viton Corrosiv/spl viton </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Corrosiv/cl Corrosiv/spcl </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Superior hbb Superior/c hdn Superior/spl hbb-hdn </div>																			


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Fluorine	=			=			=			=			=			=		
Fluorobenzene	=			F			=			E			E			=		
Fluorolube®	G			E			E			E			E					
Fluosilicic Acid	G			=			E	G	G	E			E			E		
Fluosilicic Acid	50 G			=			E	G	G	E			E			G		
Formaldehyde, aqueous	40 G			F			G	=		G			E	G		E	E	
Formalin	30 G			F			G	=		G			E	G		E	E	
Formamide	E			G			G	=		=			E	G		E	E	
Formic Acid, aqueous	99 G	=		=			E	G		=			G	G		E	G	
Formic Acid, aqueous	10 E	G		G	=		E	G		E	G		E	G		E	E	
Formic Acid Dimethylamide	E			=						=			E					
Freon® 11	=			G			E			E			E			E		
Freon® 12	=			=			=			=			G			G		
Freon® 13				E									E			E		
Freon® 14	=			=									E			E		
Freon® 21				=						=			E			E		
Freon® 22	=			=			E			=			F			E		
Freon® 112	=			G						G								
Freon® 113	=			G			E			E								
Freon® 114	E			E			E			G			E			E		
Fuel Oil	=			E			=			E			E	G		E		
Fuel ASTM A (Isooctane)	=			E			E			E			E			E	F	
Fuel ASTM B	=			E			=			E			E			E		
(Isooctane 70%-Toluene 30%)																		
Fuel ASTM C	=			E			=			E			E			E		
(Isooctane 50%-Toluene 50%)																		
Fuel ASTM 1 Oil	=			E						E			E			E		
Fuel ASTM 2 Oil	=			E						E			E			E		
Fuel ASTM 3 Oil	=			E						E			E			E		
Fumaric Acid				G			G			E						E		
Furan	=			=			=			=			E			E		
Furfural	F			=			G			=			E			E	F	
Furfurol	F			=			G			=			E			E	F	
Furfuryl Alcohol	F			=			G			=			E			E	F	
Furfuryl Aldehyde	F			=			G			=			E			E	F	
Fusel Oil				E						E			E			E		
Gallic Acid	G			=			G	F		G			E	E	G	E		
Gasoline 65 Octane	=			E			=			E			E			E		
Gasoline 100 Octane	=			E			=			E			E			E		
Gasoline Lead Free	=			E			=			E			E			E		
Corrosiv/ac			Corrosiv/spac															
Carbopomp/1tn						Nafta/16 1tn-tml-tmc												
Corrosiv/hyp									Corrosiv/spl hyp									
Corrosiv/viton												Corrosiv/spl viton						
Corrosiv/cl															Corrosiv/spcl			
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	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE				
	TEMPERATURE °C																			
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76	
Gasoline Aviation	=			G			=			E			E			E				
Gelatine	Aq	E		E			E			E			E			E	E			
Genantin		E		E			E			E			E			E	E			
Glauber Salt	Aq	E	G	E	G		E	G		E			E	E	G	E	E	G		
Gluconic Acid		=		=			G			E			E			E				
Glucose	Aq	E	G	E	G		E	E	G	E			E	E	G	E	E	G		
Glue (Animai)		E		E			E	G	G	E			E	E		E	E			
Glycerine		E		E	G		E	G	G	E	E	G	E	G		E	G			
Glycerol	Aq	E		E	G		E	G	G	E	E	G	E	G		E	E			
Glycol	Aq	E	G	E	G		E	G	G	E	G	G	E	G	=	E	E			
Glycol Acid	40	E		=			E			E			E			E	E			
Glycol Acid Butylester		E		=			=			E			E			E	E			
Glycol Acid Monoethyl Ether		E		=			=			=			E			E	E			
Glystantin		E		E			E			E			E			E	E			
Gypsum		E	G	E	G		E	G		E			E	E	G	E	E	G		
Grease		=		E			=			E			G			E				
Green Sulphate Liquor		E		E			E	G		G			E	E	G	E				
Ground Nut Oil		E		E			E			E			E			E	E			
Halowax® Oil		=		=			=			E			E			E	E			
Harness Oil		=								E			E			E				
Heptacor in Petroleum Solvents		=		F			=						E							
Heptaldehyde		=		=			=			=			E							
Heptanal		=		=			=			=			E							
Heptane		=		E			=			E			E			E	F			
Heptane Carboxylic Acid		=		F			G	=		=			E			E	E			
Hexadecanoic Acid		G		E	F		F	=		E			G			E	E			
Hexahydrobenzene		=		=			=			E			E			E	E			
Hexahydrophenol		G		G			G			G			E			E	E			
Hexaldehyde		F		=			=			=			E							
Hexaline		G		G			G			G			E			E	E			
Hexamethylene		=		=			=			E			E			E	E			
Hexane		=		E			G			E			E			E	E			
Hexene		=		G			=			E			E			E				
Hexanol		G	F	E			E	G		E			E			E				
Hexyl Alcohol		G	F	E			E	G		E			E			E				
Hexyl Amine		=		=			=			=			E			E				
Hexyl Methyl Ketone		=		=			=			=			E			E				
Hexylene				E			=			E			G			G				
Hexylene Glycol		E		E			E	G		E			E	E	G	E	E	G		
HI-Tri®		=		=			=			E			F			G	=			
Corrosiv/ac			Corrosiv/spac																	
Carbopomp/1tn			Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp			Corrosiv/spl hyp																	
Corrosiv/viton			Corrosiv/spl viton																	
Corrosiv/cl			Corrosiv/spcl																	
Superior hbb			Superior/c hdn									Superior/spl hbb-hdn								


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Hydraulic Fluids Petroleum Base	=			E	G					E				E			E		
Hydraulic Fluids Phosphate Ester Base	G			=			=			=				E			E		
Hydraulic Fluids Polyalkylene Glycol Base	G			E	G									E			E		
Hydraulic Oil Mineral	=			E	G					E				E			E		
Hydrazine	E			=			G			=				E			E		
Hydrazine Idrate	Aq	E		=			F			=				E			E	E	
Hydrobromic Acid	15	E		=			E			E				E	G		E	E	
Hydrobromic Acid	33	E		=			E			E				E	G		E	E	
Hydrobromic Acid, aqueous	50	E		=			E			E				E			E	E	
Hydrocarbonic Acid	E	E		E			E			E				E	G				
Hydrochloric Acid	15	E		F			E	G		E	G	G		E	G		E		
Hydrochloric Acid	33	E		=			E	G		E	G			E	G		E		
Hydrochloric Acid	37	G	F	=			G	F		E	G			E	G		E		
Hydrocyanic Acid	20	E		F	=		E			E				E	G		E		
Hydrocyanic Acid	98	F		F	=		E			E				E	G		E		
Hydrofluoric Acid	10	E		=			E	G		E	G			E	E		E	E	
Hydrofluoric Acid	20	E		=			E	G		E	G	F		E	G		E	G	
Hydrofluoric Acid	75	F		=			G			G	F			E			E		
Hydrofluoric Acid	98	=		=			G			G				E			E		
Hydrofluosilicic Acid	E			=			E	G		=				E			E		
Hydrofluosilicic Acid	50	G		F			E	G		=				E			E		
Hydrogen Gas	G			E			E			E				E	E	G	E	E	
Hydrogen Peroxide, aqueous	10	E		=			E			E	E	G		E			E	=	
Hydrogen Peroxide, aqueous	30	E		=			E			E	E	G		E			E	=	
Hydrogen Peroxide, aqueous	90	G		=			E			E	G	G		E			E	=	
Hydrogen Sulphide	G			=			G			E	G	G		E	G		E	E	
Hydroquinone	Aq	E		=			E			=				E			E	G	
Hydroxysuccinic Acid	E			E						E				E			E		
Hy Kit nr.6 - Water (33%-67%)				F										E			E		
Hypochlorous Acid	G			=	G					E							E		
Ink Oil Linseed Oil Base	G			G			G							E			E	E	
Insulating Oil	=			E			=							E			E		
Iodine	=			=			G			=				E			E		
Iron Acetate				=			G			=				E			E		
Iron Chloride	Aq	E		E			G			E				E	E	G	E	E	
Iron Hydroxide	E			G			F			F				E			E		
Iron Sulphate	Aq	G		=			E			=				E			E	E	
Iron Sulphide	E			E			E	G		E				E	E	G	E	E	G
<div style="display: flex; justify-content: space-between;"> Corrosiv/ac Corrosiv/spac </div>																			
<div style="display: flex; justify-content: space-between;"> Carbopomp/1tn Nafta/16 1tn-tml-tmc </div>																			
<div style="display: flex; justify-content: space-between;"> Corrosiv/hyp Corrosiv/spl hyp </div>																			
<div style="display: flex; justify-content: space-between;"> Corrosiv/viton Corrosiv/spl viton </div>																			
<div style="display: flex; justify-content: space-between;"> Corrosiv/cl Corrosiv/spcl </div>																			
<div style="display: flex; justify-content: space-between;"> Superior hbb Superior/c hdn Superior/spl hbb-hdn </div>																			


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE					
	TEMPERATURE °C																				
	%																				
	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76			
Isoamyl Acetate	=			=			=			=			=			E			E		
Isoamyl Alcohol	E			E			E			E			E			E			E	F	
Isoamyl Bromide	=			=			=			=			G			G			G		
Isoamyl Butyrate	=			=			=			=			=			G			G		
Isoamyl Chloride	=			=			=			=			G			G			G		
Isoamyl Ether				=			=			=						E			E		
Isoamyl Phtalate				=			=			=			=			G			G		
Isobutane	=			E			=			=			E			E			E		
Isobutanol	E	G		E	G		E	G		E	G		E	G		E	G		E	E	
Isobutyl Acetate	F			=			=			=			=			E	G	G	E		
Isobutyl Alcohol	E	G		E	G		E	G		E	G		E	G		E	G		E	E	
Isobutyl Aldehyde	G			=			=			=			=			E	G	G	E		
Isobutyl Amine	=			F			=			=			G			E			E		
Isobutyl Bromide	=			=			=			=			G			G			G		
Isobutyl Butyrate	G												=			G			G		
Isobutyl Carbinol				E			G			G			G			E			E		
Isobutyl Chloride	=			=			=			=			G			G			G		
Isobutyl Ether	=			=			=			=						E			E		
Isobutylene	=			=			=			=			E			E			E		
Isocyanates	=			=			=			=						G			G		
Isodecane	=			E			E			E			E			E			E		
Isodecyl Alcohol				E			E			E			E			E			E		
Isohexadecyl Alcohol				E			E			E			E			E			E		
Isononyl Alcohol				E			E			E			E			E			E		
Isooctadecyl Alcohol				E			E			E			E			E			E		
Isooctane	=			E			E			E			E			E			E	F	
Isopentane	=			E						E			E			G			E		
Isophorone	E			=						=					F				G		
Isoprene Monomer	=			E															E		
Isopropanol	G			E			E	G	G	E			E			E			E		
Isopropanol Amine				F			F												E		
Isopropyl Acetate	G			=			=			=			=			E			E	F	
Isopropyl Alcohol	G			E			E	G	G	E			E			E			E		
Isopropyl Amine				F			=			=			=			E			E		
Isopropyl Benzene	=			=			=			=			E			E			E		
Isopropyl Carbinol	E	G		E	G		E	G		E	G		E	G		E	G		E	E	
Isopropyl Chloride	=			=			=			=			G			G			G		
Isopropyl Ether	=			=			=			=			=			E			E	=	
Isopropyl Toluene	=			=			=			=			E			E			E		
Isotridecanol	G			E			E	G	G	E			E			E			E		
Corrosiv/ac				Corrosiv/spac																	
Carbopomp/1tn													Nafta/16 1tn-tml-tmc								
Corrosiv/hyp																Corrosiv/spl hyp					
Corrosiv/viton																Corrosiv/spl viton					
Corrosiv/cl																			Corrosiv/spcl		
Superior hbb																			Superior/spl hbb-hdn		


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE																			
	TEMPERATURE °C																																		
	21			65			76			21			65			76			21			38			65			21			65			76	
Isotridecyl Alcohol	G			E			E	G	G	E			E			E			E			E			E			E							
Jet Fueis (JP1 to JP5)	=			E			=			E			E			E			E			E			E			E							
Kerosene	=			E	G	F	F			E	E	G	E	G		E	G		E	G		E	G		E	G		E	G						
Kerosene-Xylene (95%-5%)	=			=			=			E			E	G		E	G		E	G		E	G		E	G		E	G						
Ketones	F			=			=			=			=			E			E			E			E			E	F						
Lacquers	=			=			=			=			=			G			G			G			G			G							
Lacquer Solvents	Refer to solvent																																		
Lactic Acid	G			E	=		E			E			E			E	G		E	E		E	E		E	E		E	E						
Lactic Acid, aqueous	50	G			E	=	E			E			E			E			E			E			E			E							
Lactol	=			=			=			=			E			E			E			E			E			E							
Lasso®	E			E			E			E			E			E			E			E			E			E							
Lauryl Alcohol				E			E			E			G			E			E			E			E			E							
Lavender Oil	=			G			=			=			E			G			E			E			E			E							
Lead Acetate	Aq	E			F		E			E			E			E			E			E			E			E	E						
Lead Arsenale	Aq	E			E		E			E			E			E			E			E			E			E							
Lead Nitrate	Aq	E	G		E		E	G		E	G		E			E			E			E			E			E							
Lead Sugar	Aq	E			F		E			E			E			E			E			E			E			E	E						
Lead Sulfamate		E			G		E			E			E			E			E			E			E			E							
Lead Sulphate	Aq	E	G		E	G	E	G		E	G		E			E	E	G	E	E	G	E	E	G	E	E	G	E	E	G					
Lead Tetraethyle	=			=			=			=			E			E			E			E			E			E							
Light Oil Residual	=			E			=			=			E			E			E			E			E			E							
Ligroin	=			E			=			=			E			E			E			E			E			E							
Lime Water	E			=			G			E			E			E			E			E			E			E	E						
Lime Sulphur				=			=			=			E			E			E			E			E			E							
Lindane®	E			E			=			=			E			E			E			E			E			E							
Lindol	F			=			=			=			E			E			E			E			E			E							
Linoleic Acid				=			=			=			E			E			E			E			E			E							
Linseed Oil	G			G			E			E			E			E	G		E	E		E	E		E	E		E	E						
Liquid Soap	E	G	G	E			E	G		E	G		E			E			E			E			E			E	E						
Lithium Hydroxide	G			=			=			=			=			E			E			E			E			E							
L.P.G.	Use L.P.G. Hoses Only																																		
Lubricating Oils	=			E			=			E			E			E			E			E			E			E							
Lye	20	E	G	G	E	G	E	G		E	G		E			E			E			E			E			E							
Magnesium Acetate		F			=		=			=			=			E			E			E			E			E							
Magnesium Bicarbonate		E			E		E			E			E			E			E			E			E			E							
Magnesium Carbonate	Aq	=			E	G	E			E			E			E			E			E			E			E	E						
Magnesium Chloride	Aq	G			E	G	E	G	G	E	G	G	E	G		E	E	G	E	E	G	E	E	G	E	E	E	E							
Magnesium Fluoride		E			E		E			G			E			E			E			E			E			E							
Magnesium Hydrate		G			G		G	F		G	F		G			E	E	G	E	E	G	E	E	G	E	E	E	E		G					
Magnesium Hydroxide	Aq	E			G	F	E	G	G	E	G		E	G		E	E	G	E	E	G	E	E	G	E	E	E	E							
<div style="display: flex; justify-content: space-between; padding: 5px;"> Corrosiv/ac Corrosiv/spac </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> Carbopomp/1tn Nafta/16 1tn-tml-tmc </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> Corrosiv/hyp Corrosiv/spl hyp </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> Corrosiv/viton Corrosiv/spl viton </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> Corrosiv/cl Corrosiv/spcl </div> <div style="display: flex; justify-content: space-between; padding: 5px;"> Superior hbb Superior/c hdn Superior/spl hbb-hdn </div>																																			


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Magnesium Lye	E						G			E			E			E		
Magnesium Nitrate	Aq	E	G		E		E	G		E	G		E	G		E	G	
Magnesium Oxide		E			E		G			E			E			E		
Magnesium Phosphate		E			E		E			E			E			E		
Magnesium Sulphate	Aq	E	G		E	G	E	G		E	G		E	E		E	E	
Magnesium Thyosulphate		E			E		G			E			E			E		
Magnesium Ammonium Sulphate		E			E		E			E			E			E		
Malathion 50% in Aromatic Solvents		=			=		=			E			E			E		
Maleic Acid	Aq	=			=		=			G			G			E	E	
Maleic Acid Anhydride		E			E		E			E			E			E		
Maleic Acid Diethylester		E			=		E			E			E			E	E	
Maleic Acid Dimethylester		E			=		E			=			E			E		
Maleic Anhydride		G			=		E			=			E			E		
Malic Acid, aqueous	50	E			E		G			E			E			E	E	
Malonic Acid Dimethylester		E			=		E			=			E			E		
Manganese Sulphate	Aq	E	G		E	G	E	G		E	G		E	E		E	E	G
Manganese Sulphide		=			E		E	G		E	G		E	E	G	E	E	G
Manganese Sulphite					E		E	G		E			E	E	G	E	E	G
Manganous Acid							G											
Mercury		E			E		E			E			E	G		E	E	
Mercury (I) Chloride	Aq	E			E		E			E			E			E		
Mercury (I) Cyanide	Aq						G									E		
Mercury (I) Nitrate	Aq	E			E		E			E			E			E		
Mercurous (II) Acetate		E			E		E			E			E			E		
Mercurous Chloride		E			E		E			E			E			E		
Mercurous Cyanide							G											
Mercurous Nitrate		E			E		E			E			E			E		
Mercurous (II) Sulphide		E			E		G			E			E			E		
Mesityl Oxide		F			=		=			=			E			E	F	
Methacrylic Acid										G								
Methaketone		F											E			E		
Methallyl Alcohol		F			=													
Methanal		G			=		G	=		G	=		E	G		E	E	
Methane		E			F					F			G			E	E	
Methane Acid		E	G		G	=	E	G		E	G		E	G		E	E	
Methanol		F	=		F		E	G		E	G		E	G		E	E	
Methyl Acetate		F			=		=			=			E			E		
Methyl Acetoacetate		F			=		=			=			E			E		
Methyl Acetone		G			=		=			=			E			E		
Methyl Acrylate					=		=			=			E			E		
Corrosiv/ac			Corrosiv/spac															
Carbopomp/1tn			Nafta/16 1tn-tml-tmc															
Corrosiv/hyp			Corrosiv/spl hyp															
Corrosiv/viton			Corrosiv/spl viton															
Corrosiv/cl			Corrosiv/spcl															
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	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Methyl Alcohol	F	=		F			E	G		E	G		E	G		E	E	
Methyl Aldehyde	G			F			G	=		G			E	G		E	E	
Methyl Amine	G			F						F			E			E	E	
Methyl Benzene	=			=			=			E			E			E	=	
Methyl Bromide	G			=			=			E			=			=		
Methyl Butanol	G			F			G			F			E			E		
Methyl Butanone	G			=			=			=			E			E		
Methyl Carbitol				=			=						E			E	E	
Methyl Cellosolve	G			G			=			=			E			E	E	
Methyl Chloride	=			=			=			E			F			G	E	
Methyl Chloroacetate	E			=			=			=			E			E	G	
Methyl Chloroformate	=			=			=			=			G			G	E	
Methyl Cyanide	F			=			F			=			E			E	E	
Methyl Cyclohexane	=			=			=			E			E			E	F	
Methyl Cyclopentane	=			=			=			E			E			E	E	
Methyl Formate	E			=			=			=			G			G	E	
Methyl Glycol	E			E			E			=			E	G		E	E	
Methyl Hexanol				E			E			G			E			E	E	
Methyl Hexanone	=			=			=			=			E			E	E	
Methyl Iodide	E			=			=			=			E			E	E	
Methyl Methacrylate	G			=			E			=			E			E	E	
Methyl Oleate	G			=			=			G			E			E	E	
Methyl Phenol	=			F	=		=			E			E	G	F	E	G	
Methyl Salicylate	G			=			=			=			G			E	E	G
Methyl Styrol	=			=			=			=			E			E	E	
Methyl Allyl Acetate				=			=			=			E			E	E	
Methyl Allyl Chloride				=			=			=			G			E	E	
Methyl Amyl Acetate	G			=			=			=			E			E	E	
Methyl Amyl Alcohol	G			E			=			=			E			E	E	
Methyl Amyl Carbinol				E			G			=			E			E	E	
Methyl Amyl Ketone	G			=			=			=			E			E	E	
Methyl Butyl Ketone	E			=			=			=			E			E	E	
Methyl Dichloroacetate	E			=			=			=			E			E	G	
Methyl Ethyl Ketone (MEK)	F			=			=			=			E			E	E	
Methyl Glycol Acetate	G			=			F			=			E			E	E	
Methyl Hexyl Ketone	F			=			=			=			E			E	E	
Methyl Isobutyl Carbinol				G			G			G			E			E	E	
Methyl Isobutyl Ketone (MIBK)	F			=			=			=			E			E	F	
Methyl Isopropyl Ketone	=			=			=			=			E			E	E	
Methyl Propyl Carbinol	G			F			=			=			E			E	E	
Corrosiv/ac			Corrosiv/spac															
Carbopomp/1tn			Nafta/16 1tn-tml-tmc															
Corrosiv/hyp			Corrosiv/spl hyp															
Corrosiv/viton			Corrosiv/spl viton															
Corrosiv/cl			Corrosiv/spcl															
Superior hbb			Superior/c hdn									Superior/spl hbb-hdn						


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE					
	TEMPERATURE °C																				
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76		
Methyl Propyl Ether				=			=									E			E		
Methyl Propyl Ketone				=			=			=						E			E	F	
Methylene Bromide	=			=			=			F						F			G		
Methylene Chloride	=			=			=			G	=					G			G		
Methylene Chlorobromide	=			=			=			E						=			=		
3-Methoxypropanol	E			E			E			G						E					
Mineral Oils	=			E			G			E						E	G		E	G	
Mineral Spirits	=			E			=			E						E			E		
Mirbane Oil	=			=			=			=						E	G		E	G	
Mobil XRM 206 A	=			=			=			E	E	G									
Molten Sulphur	=			=			G			E	E	G				=			0		
Monobutyl Ether	=			=			=			=						E			E		
Monochloroacetic Acid	G			=			=			=						E			E	E	
Monochlorobenzene	=			=			=			E						E			E		
Monochlorodifluoromethane							E			=						F			F		
Monochloroethylene	=			=			=			E						=			=		
Monochloromethane	=			=			=			E						F			G		
Monoethanol Amine	G			F			=			=						E			E		
Monoethyl Amine	=			F			=			=						F			E		
Monofluorotrchloromethane	=			=			=			=						E			E		
Monohydroxibenzene	G			=			=			E						E			E		
Monoisopropanol Amine	G			F			=			=						E			E		
Monomethyl Ether	=			E			G			E											
Monovnyl Acetate	G			E			G			E											
Monovnyl Acetylene	G			E			G			E											
Motor Oil	=			E			=			E						E			E	G	
Mould Oil	=			G			=			E						E			E		
Muriatic Acid 15%	E			F			E	G		E	G	G				E			E	E	
Muriatic Acid 33%	E			=			E	G		E	G	G				E			E	E	
Muriatic Acid 37%	G	F		=			E	F		E	G	G				E			E	E	
Naphta	=			E			=			E						E			E		
Naphtalene	=			F	=		=			E	E	G				E	G		E	G	G
Naphtene	=			=			=			E						E			E	E	
Naphtenic Acid	=			F			=			E						E			E		
Natural Gas	=			G			E			E						E	G		E		
Neohexane	=			=			=			E						E			E		
Neutral Oil	=			E			=			E						E			E		
Neu-Tri®	=			=			=			E						F			G	=	
Nickel Acetate	G			=			=			=						E			E		
Nickel Chloride	E	G		E	G		E	G		E						E	E	G	E	E	
Corrosiv/ac			Corrosiv/spac																		
Carbopomp/1tn			Nafta/16 1tn-tml-tmc																		
Corrosiv/hyp			Corrosiv/spl hyp																		
Corrosiv/viton			Corrosiv/spl viton																		
Corrosiv/cl			Corrosiv/spcl																		
Superior hbb			Superior/c hdn									Superior/spl hbb-hdn									


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RESISTANCE CHART

		EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
		TEMPERATURE °C																	
		%																	
		21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Nickel Nitrate	Aq	E	G		E			E	G		E			E	E	G	E	E	
Nickel Sulphate	Aq	E	G		E	G		E	G		E			E	E	G	E	E	
Nickel Vitriol	Aq	E	G		E	G		E	G		E			E	E	G	E	E	
Nickel Ammonium Sulphate		E			E			E			E			E			E		
Nickel Plating Solutions					F			G						E			E		
Nickelous Chloride		E			E						E			E			E		
Nicotine Bentonite					G									E			E		
Nicotine Salts														E			E		
Nicotine Sulphate		G			G									E			E		
Nitric Acid	10	E	G		=			E	=		E			E			E	E	
Nitric Acid	20	E	G		=			E	=		E			G			E	E	
Nitric Acid	40	G	=		=			E	=		E			F			G	=	
Nitric Acid	60	=			=			F	=		G			=			G		
Nitric Acid	70	=			=			=			F	=		=			G		
Nitric Acid Fuming		=			=			=			F	=		=			=		
Nitrobenzene		=			=			=			=			E	G		E	G	
Nitrogen Gas		E			=			E			E			E			E		
Nitromethane		G			=			=			E			E			E		
Nitrooctane					=									E			E		
Nitropropane		E			=			E			=			E			E		
Nitrogen Tetraoxide		F			=			=			=								
Nitrous Acid	10	F			=			E			=			E			E		
Nitrous Gas		E			=			E			E			E			E		
Nitrous Oxide		E			E			E			E			E			E		
Nitrosyl Chloride					=			=			G			E			E		
Nitrotoluol		=			=			=			E			E			E		
Nonanol		=			E			E			E			E			E	E	
Nonyl Alcohol		=			E			E			E			E			E	E	
4-Nonyl Phenol		=			=			=			E			E			E		
Nonenes		=			E			=			E			E			E		
Octachlorotoluene		=			=			=			E			E			E		
Octadecanoic Acid		E			E	F		F	=		E			E	G		E	G	
Octane		=			E			=			G			E			E		
Octanol		E			E			G			E			E			E		
Octene		=			E						E			=			E		
Octyl Acetate		F			=			=			=			E			E		
Octyl Adipate		F			=			=			=			E			E		
Octyl Alcohol		E			E			G			E			E			E	E	
Octyl Aldehyde					=			=			=			E			E	E	
Octyl Amine		G			F			=			=			E			E	E	
Corrosiv/ac		Corrosiv/spac																	
Carbopomp/1tn		Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp		Corrosiv/spl hyp																	
Corrosiv/viton		Corrosiv/spl viton																	
Corrosiv/cl		Corrosiv/spcl																	
Superior hbb		Superior/c hdn												Superior/spl hbb-hdn					


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	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Octyl Carbinol	E			E			E			G			E			E		
Octylene Glycol	E			E			E			E			F			G		
Oil. Petroleum	=			E	G	F	F			E	E	G	E	G		E	G	
Oleic Acid	=			E	F		F	=		G			E	G		E	G	
Oleum	=			=			F			E			=			F		
Oleum Spirits	=			=			=			=			=			E		
Orthodichlorobenzene	=			=			=			G			G			G		
Orthoxylene	=			=			=			E			E			G		
Oxalic Acid	10	E		E			G			E			E	G		E	E	
0-Oxybenzoic Acid		E		E									E			E		
Oxygen		G		=			E			E			E	G		E	E	
Oxytoluene		=		F	=		=			E			E	G	F	E		
Ozone Gas		G		=			E			E			E			G	=	
Paint	Refer to Vehicle or Thinner																	
Paint Oil	Refer to Thinner																	
Palatinol® C	E			=						F			E			E	F	
Palm Oil	G			E			G			E			G			E		
Palmitic Acid	G			E	F		F	=		E			G			E	E	
Paper Makers Alum	E			E			E	G		E			E	E	G	E	E	G
Paradichlorobenzene	=			=			=			G			G			G		
Paradichlorobenzol (Moth Cristals)	=			=			=			G			G			G		
Paraffin	E	G	F	E	G		=			E	G	G	E			E		
Paraffin Oils	=			E			=			E			E			E	E	
Paraformaldehyde	E			G						F			E			E	E	
Paraxylene	=			=			=			E			E			E		
Para San	10												E			E		
Paris Green	37												E			E		
Peanut Oil	=			E			F			E			E			E		
Pelargonic Acid	=			=			=			=			E			E		
Pentachloroethane	=			E			=			E			E			E		
Pentachlorophenol	=			=			=			E			E			E		
Pentachlorophenol-Kerosene (10%-90%)	=			=			=			E			E			E		
Pentane	=			E			G			E			E			E		
Pentanone	=			=			=			=			E			E		
Pentanol	G			E			E	E	G	E	E	G	E	G		E	E	
Pentene	=			E			G			E			E			E		
Perchloroethylene	=			=			=			E			E			F		
Perchloric Acid	10	F		=			F			G			E			E	E	
Petrolatum		=		E			E			E			E			E		
Corrosiv/ac			Corrosiv/spac															
Carbopomp/1tn			Nafta/16 1tn-tml-tmc															
Corrosiv/hyp			Corrosiv/spl hyp															
Corrosiv/viton			Corrosiv/spl viton															
Corrosiv/cl			Corrosiv/spcl															
Superior hbb			Superior/c hdn									Superior/spl hbb-hdn						


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Petroleum Crude	=			E	G	F	F			E	E	G	E	G		E	G	
Petroleum Ether (Naphta)	=			E			=			E			E			E		
Petroleum Oils	=			E	G	F	=			E			E	G		E	G	
Phenol	=			=			=			E	G	G	E	G	F	E	G	
Phenolsulfonic acid	10	G		=			=			=			G			G		
Phenyl Amine	G	F		=			=			E			E	G		E	E	
Phenyl Benzene	=			=			=			E			E			E		
Phenyl Chloride	=			=			=			E			E			E		
Phenyl Ethylene	=			=			=			E			E			E		
Phenyl Hydrazine	G			=			=			E			G			G	F	
Phenyl Ethyl Ether	=			=			=			=			E			E		
Phenylformic Acid	E			E			G			E			E			E		
Phorone	=			=			=			=			E			E		
Phosphate Esters	=			=			=			F			E			E		
Phosphoric Acid	20	E		F			E	G	G	E	G	G	E			E	E	
Phosphoric Acid	50	E		=			E	G	G	E	G	G	E			E	E	
Phosphoric Acid	70	G		=			E	G	G	E			E			E	E	
Phosphoric Acid	85	F		=			E	G	F	E			G			E	F	
Phosphoric Acid Ester	E			=			=			=			E			E		
Phosphoric Oxide Chloride	F			=			F			E			E	G		E		
Phosphorous Trichloride	=			=			=			E			E			E	F	
Phtalic Acid	50	E		E			E			E			E			E	E	
Phtalic Anhydride	Aq												E			E		
Phtalic Acid Dibutylester	E			=						F			E			E	F	
Pickling Solution (17% NitricAcid - 4% HF)	=			=			E	G		E	F		E			E		
Pickling Solution (20% Nitric Acid - 4% HF)	=			=			E			E			E			E		
Picric Acid Molten	=			=			F			F			=			=		
Picric Acid	1	E		E	F		E			E			F			E	E	
Pinene	=			E			=			E			E			E	E	
Pine Oil	=			F			=			G			E			E		
Pine Tar	=			=			=			=			G			G		
Piperidine	=			=			=			=								
Pitch	=			G														
Plating Solutions (Chrome)	E						F			E								
Polybutyl Acrylate Latex	E			E			E			E			E			E		
Polyethylene Glycol	F	=		E			E	G		E	G		E			E		
Polyisocianates	=			=			=			=								
Polypropylene Glycol	E			E			E	G		E			E			E		
Corrosiv/ac Corrosiv/spac																		
Carbopomp/1tn Nafta/16 1tn-tml-tmc																		
Corrosiv/hyp Corrosiv/spl hyp																		
Corrosiv/viton Corrosiv/spl viton																		
Corrosiv/cl Corrosiv/spcl																		
Superior hbb Superior/c hdn Superior/spl hbb-hdn																		


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE				
	TEMPERATURE °C																			
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	65	76	21	65	76	
Polyurethanes	G	=															E			E
Polyvinyl Acetate Emulsion	E						G						E							
Polyvinyl Alcohol	E	G		E			E													
Potassium Acetate	Aq	E		E			=						E				E			E
Potassium Bicarbonate	Aq	E		E			E						E				E			E
Potassium Bichromate	Aq	E	G	G			E	G	G				E	G		E	G			E
Potassium Biphosphate		E		G			G						E			E				E
Potassium Bisulphate	Aq	E		E			E	G					E			E	E			E
Potassium Bisulphite	Aq	E		E			E	G					E			E				E
Potassium Borate	1	E		E			E						E			E				E
Potassium Bromate	10	E		E			E						E			E				E
Potassium Bromide	Aq	E		E			E						E			E				E
Potassium Carbonate	Aq	E		E	G		E	G					E			E	E			E
Potassium Chlorate	Aq	E		E	G		E						E			E				E
Potassium Chloride	Aq	E		E	G		E	G					E			E	E			E
Potassium Chromate	Aq	E		E			F	=					E			E	G			E
Potassium Chromosulphate	Aq	E		E			E						E			E				E
Potassium Cyanide	Aq	E		E	G		E						E			E	G			E
Potassium Cuprocyanide		E		E			E						E			E				E
Potassium Fluoride	Aq	E		E			G	F					E			E				E
Potassium Hydrate		E		E			G	F					=			E	E			E
Potassium Hydroxide	20	E	G	F	G		E	G	G				E	G		E	E			E
Potassium Hydroxide	50	E	G		=		E	G					G	F						E
Potassium Iodide	Aq	E		E			E						E			E				E
Potassium Monosulphide		E		E			E						E			E				E
Potassium Nitrate	Aq	E	G		E		E	G					E	G		E	E			E
Potassium Nitrite		E	G		E		G						E	E		E	E			E
Potassium Oxalate		E		E			G						E			E				E
Potassium Oxide		E		E			E						E			E				E
Potassium Perchlorate	Aq	E		E			E						E			E				E
Potassium Permanganate, aqueous	10	E	=		=		E						E			E	E			E
Potassium Persulphate	Aq	E		E			E						E			E				E
Potassium Phosphate	Aq	E		E			E						E			E				E
Potassium Pyrochromate	Aq	E	G		G		E	G	G				E	G		E	G			E
Potassium Silicate		E		E			E	G					E			E	E			E
Potassium Sulphate	Aq	E	G		E	G	E	G					E			E	E			E
Potassium Sulphide	Aq	E	G		E	G	E	G					E			E	E			E
Potassium Sulphite		E		E			E	G					E			E	E			E
Potassium Thiosulphate	Aq	E		E			E						E			E				E
Potassium Hydrogen Sulphate	Aq	E		E			E	G					E			E	E			E
Corrosiv/ac Corrosiv/spac																				
Carbopomp/1tn Nafta/16 1tn-tml-tmc																				
Corrosiv/hyp Corrosiv/spl hyp																				
Corrosiv/viton Corrosiv/spl viton																				
Corrosiv/cl Corrosiv/spcl																				
Superior hbb Superior/c hdn Superior/spl hbb-hdn																				

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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Potassium Peroxide Bisulphate	Aq	E			E			E			E			E			E	E	
Producer's Gas		=			E			G			E								
Propane Gas		=			E			E			E			=			E		
Propane Liquid		=			E			=			E			E			E		
Propanediol		E			E			E			E			E			E	E	
Propanetriol		E			E			E			E								
Propanol		E	G		E			E	G		E			G			E	E	
Propanone		G			=			F			=			E			E	E	
Propellor Oil		=												E					
Propenol		E			E			E			E			E			E	E	
Propergol JP1 - JP5		=			E						E			E			E		
Propionic Acid	Aq	E			=			=			E			E			E		
Propion		F			=			=			=			E			E		
Propionitrile					=						=			E			E		
Propyl Acetate		F			=			=			=			E			E		
Propyl Alcohol		E	G		E			E	G		E			G			E	E	
Propyl Aldehyde		F			=			=			=			E			E		
Propyl Amine		F			=			=			=			E			E		
Propyl Chloride		=			=			=			=			G			G		
Propyl Nitrate		G			=			G			=			E			E		
Propylene		=			=			=			=			E			E		
Propylene Diamine		=			F			=			=			E			E		
Propylene Dichloride	99	=			=			=			=			G			=		
Propylene Glycol		E			E			E			E			E			E	E	
Propylene Oxyde		E			=			=			=			E			E	E	
Pydraul Hydraulic Fluids		G			=			=			=			G			G		
Pyranols 1467-1476		=			G			=			=			E			E		
Pyrene		=			=			=			=	G		F			F	=	
Pyridine		F			=			=			=			E			E	G	
Pyroligneous Acid		G						G						E			E		
Pyrolle		=			=			=			=			E			E		
Propionic Acid	Aq	E			=			=			=			E			E		
Quenching Oil														E			E		
Rance Oil														E			E		
Rape Seed Oil		G			G			G			E			G			G		
Red Oil		=			G			G			E			E			E		
Richfield A		=			=			=			=			G			G		
Richfield D	33	=			G						F			G			G		
Rosin Oil											E			E			E		
Rotenone and Water		E			G			E			E			E			E		
Corrosiv/ac		Corrosiv/spac																	
Carbopomp/1tn		Nafta/16 1tn-tml-tmc																	
Corrosiv/hyp		Corrosiv/spl hyp																	
Corrosiv/viton		Corrosiv/spl viton																	
Corrosiv/cl		Corrosiv/spcl																	
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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Round-Up	E			G															
Saccharose	E			E			E			E			E			E			
Salicylic Acid	E			E			E			E			E			E	E	E	
Sea Water	E	G		E	G		E			E			E			E	E	E	
Sewage	G			E			E			E			E	G		E	G		
Silica Gel																			
Silicate of Soda	E			E	G		E	G		E			E	E	G	E	E	G	
Silicate Esters	=			G			E			E			E			E			
Silicone Grease	E			E	G		E			E			E			E	E		
Silicone Oils	E			E	G		E			E			E			E	E		
Silver Azotate	Aq	E		E						E			E			E			
Silver Cyanide	G						G									E			
Silver Nitrate	Aq	E	G	E			E	G		E			E			E	E		
Silver Salts	Aq	E		E			E			E			E			E	E		
Skelly Solvent	=			E			=			=			E			E			
Skydrol® Hydraulic Fluids	G			=			=			=			E			E			
Soap Oil				E									E			E			
Soap Solutions	Aq	E	E	G	E	G		E	G	G	E	G	G	E	E		E	E	
Soda Ash	E			E	G		E	G		E			E	E	G	E	E		
Soda Caustic	20	E	G	G	E	G		E	G	G	E			E			E	E	
Soda Caustic	40	G	G	G	=			E	G	G	E	=		E			E	E	
Soda Caustic	50	G	G	G	=			E	G	G	=			E			E	E	
Soda Caustic	70	=			=			E	G	G	=			E			E	E	
Soda Lime	E			G			G	F		=			E	E	G	E	E	G	
Soda Niter	E	G		E			E	G		E	G		E	E	G	E	E	G	
Sodium Acetate	Aq	E		F			=			E			E			E	E		
Sodium Aluminate	Aq	E		E			E			E			E			E	E		
Sodium Benzoate							G									E	E		
Sodium Bicarbonate	Aq	E		E	G		E			E			E	G		E	E		
Sodium Bichromate	20	G		=			E	G	G	E			E	E	G	E			
Sodium Biphosphate	Aq			E			G									E			
Sodium Bisulphate	Aq	E		E			E	G		E			E	E	G	E	E		
Sodium Bisulphide		E		E						E			E			E			
Sodium Bisulphite	Aq	E		E	G		E	G		E			E	E	G	E	E		
Sodium Bitartrate		E		E			G			E			E			E			
Sodium Borate		E		E	G		E			E			E			E	E		
Sodium Carbonate	Aq	G		E	G		E	G		E			E	E	G	E	E		
Sodium Chlorate	Aq	E		G	=		E			E			E			E	E		
Sodium Chloride		E		E	G		E	G		E			E	E	G	E	E		
Sodium Chlorite	Aq	E		=			E			E			E			E	E		
Corrosiv/ac	Corrosiv/spac																		
Carbopomp/1tn	Nafta/16 1tn-tml-tmc																		
Corrosiv/hyp	Corrosiv/spl hyp																		
Corrosiv/viton	Corrosiv/spl viton																		
Corrosiv/cl	Corrosiv/spcl																		
Superior hbb	Superior/c hdn									Superior/spl hbb-hdn									

Rating Codes **E = Excellent** **G = Good** **F = Fair** **= Not Recommended** **Blank = Not enough data**

RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Sodium Chromate	G						F	=		E				E			E		
Sodium Cyanide	E			E	G		E	G		E				E	E	G	E	E	
Sodium Ethoxide				G			E			E				E			E		
Sodium Fluoaluminate				E			E			E				E			E		
Sodium Fluoride	E			E			E			E				E			E	E	
Sodium Formate	G						G										E		
Sodium Hydrate	20	E			E		=												
Sodium Hydroxide	20	E	G	G	E	G	E	G	G	E	G			E			E	E	
Sodium Hydroxide	40	G	G	G	=		E	G	G	E	G			E			E	E	
Sodium Hydroxide	50	G	G	G	=		E	G	G	E	G			E			E	E	
Sodium Hydroxide	70	=			=		E	G	G	=				E			E	E	
Sodium Hypochloride	Aq	E			=		E			E				E			E		
Sodium Hypochlorite	5	G	G		=		E	G		E	G			E			E	F	
Sodium Hypochlorite	20	G			=		E	F	=	E	G			E			E	F	
Sodium Hypochlorite	30	G			=		G			G				G			G	F	
Sodium Iodide		E			E		E			E				E			E		
Sodium Methaphosphate	Aq	E			E		G			E				E	G		E		
Sodium Nitrate	Aq	E	G		E		E	G		E	G			E	E	G	E	E	G
Sodium Nitrite	Aq	E			E		E			E				E			E	E	
Sodium Oxalate		E			G		G			E				E			E		
Sodium Perborate	Aq	G	G	G	G	F	E			E				E	G		E	G	
Sodium Perchlorate	Aq	E					G			E				E			E	E	
Sodium Peroxide, aqueous	10	F			G		E	G	G	E				E	G		E	E	
Sodium Phosphate	Aq	E			G		E	G		E				E	E	G	E	E	
Sodium Pyrosulphite		E			E	G	E	G		E				E	E	G	E	E	G
Sodium Silicate	Aq	E			E	G	E	G		E				E	E	G	E	E	G
Sodium Sulphate	Aq	E	G		E	G	E	G		E				E	E	G	E	E	G
Sodium Sulphydrate		E			E		E			E				E			E		
Sodium Sulphide	Aq	E	G		E	G	E	G		E				E	E	G	E	E	G
Sodium Sulphite		E			E		E	G		E				E	E	G	E		
Sodium Thyosulphate	Aq	E			E		E	G		E				E	E	G	E	E	G
Sodium Hydrogen Sulphide	Aq	E			E		E			E				E			E		
Soybean Oil		=			E		=			E				E			E		
Spindle Oil		=			E		=			E							F	F	
Stannic Chloride	Aq	G	F		E		E	G		E	G			E	E	G	E	E	
Stannic Sulphide		E			E		E	G		E				E	E	G	E	E	
Stannous Chloride	15	F			E		E	G	G	E				E	E		E	E	
Stannous Sulphide		E			E		E	G		E				E	E	G	E	E	
Starch	Aq	E			E		E			E				E			E	E	
Steam																			
Use Steam Hoses Only																			
Corrosiv/ac			Corrosiv/spac																
Carbopomp/1tn						Nafta/16 1tn-tml-tmc													
Corrosiv/hyp									Corrosiv/spl hyp										
Corrosiv/viton										Corrosiv/spl viton									
Corrosiv/cl												Corrosiv/spcl							
Superior hbb				Superior/c hdn								Superior/spl hbb-hdn							


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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE					
	TEMPERATURE °C																				
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76		
Stearic Acid	E			E	F		F	=		E			E	G		E	G				
Stoddards Solvent	=			E			=			E			E			E					
Styrene Monomer	=			=			=			E			E			E					
Sugar Solutions	E			E			E			E			E			E	E				
Sulphamic Acid	F			=			G						F			F					
Sulphite Liquor	G			F			G			E											
Sulphonic Acid	=			=			F			=			E								
Sulphonitric Acid	=			=						=			F	=							
Sulphur	E			=			E			E			E			F		E			
Sulphur Molten	=			=			G			E	E	G	=			=					
Sulphur Chloride	F			=			E			E			E			E					
Sulphur Dioxide Dry	E			=			G			E			E			E	E				
Sulphur Dioxide Liquid	=			=			G			E			E			E	E				
Sulphur Hexafluoride	E			E			E			E			E			E					
Sulphur Trioxide Dry	=			=			=			E			E			=					
Sulphuric Acid, aqueous	10	E	G		F		E	G	G	E			E	E	G	E	E				
Sulphuric Acid, aqueous	20	E	G		F	=	E	G	G	E			E	E		E	E				
Sulphuric Acid, aqueous	30	E			=		E	G	G	E			E	E		E	E				
Sulphuric Acid, aqueous	50	G			=		E	G	G	E			E	E		E	E				
Sulphuric Acid, aqueous	75	F			=		E	G		E			E	G		E	E				
Sulphuric Acid, aqueous	95	=			=		F	=		G			E			E					
Sulphuric Acid, aqueous	98	=			=		=			=			=			=	F				
Sulphuric Acid Fuming	20	=			=		F			E			=			F	F				
Sulphuric Ether	=			=			=			=			E			E	F				
Sulphuryl Chloride	F			=			E			E			E			E	E				
Sulphurous Acid	E			=			E	G		=			=			E	E				
Sulphurous Acid	10	E			=		E	G		F			E	G		E	E				
Summer Oil	E			E									E			E					
Sunoco XS 820										E	E	G									
Tall Oil	=			F			G			E			E			E	E				
Tallow	=			E	G		=			G			E	E		E	E				
Tallow Acid	E			E						E			E			E					
Tanners Oil							=						E			E					
Tannic Acid, aqueous	10	E	G		G	F	E	G		E	G		E	E	G	E	E				
Tanning Liquors	=			E			F			E			E			E	E				
Tar	=			E	G		=			E			=			=					
Tar Oil	=			=			=			=			F			F	E				
Tartaric Acid, aqueous	20	E	G		F	=	E	G	G	E			E	E	G	E	E				
Terpineol	=			=			=			E			E			E	E				
Tertiary Butyl Alcohol	G			E			G			E			E			E					
Corrosiv/ac	Corrosiv/spac																				
Carbopomp/1tn	Nafta/16 1tn-tml-tmc																				
Corrosiv/hyp	Corrosiv/spl hyp																				
Corrosiv/viton	Corrosiv/spl viton																				
Corrosiv/cl	Corrosiv/spcl																				
Superior hbb	Superior/c hdn											Superior/spl hbb-hdn									


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RESISTANCE CHART


	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Tetrabromoethane	=			=			=			E			=			F	=	
Tetrachlorobenzene	=			=			=			G			G			G		
Tetrachloroethane	=			=			=			E			F			F	=	
Tetrachloroethylene	=			=			=			E			F			F	=	
Tetrachloromethane	=			=			=			E	G		F			F	=	
Tetrachloronaphtalene	=			=			=			G			G			G		
Tetrachlorodifluoroethane	=			G						G								
Tetradecanol	E			E			E						E			E		
Tetraethylene Glycol	E			E			E	G		E			E	E	G	E		
Tetrahydrofuran	=			=			=			=			E			E	=	
Tetrahydronaphtalene	=			=			=			E			G			G		
Thionyl Chloride	=			=			=			G			=			=		
Thiophene	=			=			=			E			E			E	=	
Tincal	E			F						E			E			E		
Tin Chloride, aqueous	Aq	G	F	E			E	G		EG			E	E	G	E	E	
Tin Tetrachloride	Aq	G	F	E			E	G		E	G		E	E	G	E	E	
Titanium Tetrachloride	=			=			=			E			G			G		
Toluene	=			=			=			E			E			E		
Toluene Diisocyanate	E						=			F	=							
Toluidine	=			=			=			=			G			G		
Toluol	=			=			=			E			E			E	=	
Toxaphene®	12	=		G									G			G		
Transformer Oils:																		
Petroleum Base	=			G			=			E			E			E		
Chlorinated Phenyl Base Askareis	=			=			=						G			G		
Transmissions Fluids A	=			F	=		=			E			E	G		E	G	
Transmissions Fluids B	=			F	=		=						E			E		
Triacetin	E			E			G			=			E			E		
Tributyl Amine				F			=						E			E		
Tributyl Phosphate	F			=			=			G	F		E			E	E	
Tributoxy Ethyl Phosphate	F			=			=			=								
Trichloroacetic Acid, aqueous	50	G		G			=			E						E	E	
Trichlorobenzene	=			=			=			G			G			G	=	
Trichloroethane	=			=			=			E			E			E		
Trichloroethylene	=			=			=			E			F			G	=	
Trichloroethyl Phosphate (TCEF)	E			=			E			E			E			E		
Trichloromethane	=			G			E			E			E			E		
Trichloropropane	=			=			=			E			E			E		
Trichlorofluoromethane	=			G			E			E			E			E		
Trichlorotrifluoroethane	=			G			E			E			E			E		
<div style="display: flex; justify-content: space-between;"> Corrosiv/ac Corrosiv/spac </div>																		
<div style="display: flex; justify-content: space-between;"> Carbopomp/1tn Nafta/16 1tn-tml-tmc </div>																		
<div style="display: flex; justify-content: space-between;"> Corrosiv/hyp Corrosiv/spl hyp </div>																		
<div style="display: flex; justify-content: space-between;"> Corrosiv/viton Corrosiv/spl viton </div>																		
<div style="display: flex; justify-content: space-between;"> Corrosiv/cl Corrosiv/spcl </div>																		
<div style="display: flex; justify-content: space-between;"> Superior hbb Superior/c hdn Superior/spl hbb-hdn </div>																		

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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE		
	TEMPERATURE °C																	
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65
Tricresyl Phosphate	F			=			=			E	E	G	E			E	E	
Tridecanol				E			E			E			E			E	E	
Triethanolamine	G			F	=		E	G		=			E			E	G	
Triethyl Amine	=			F	=		F			G			E			E		
Triethylene Glycol	E	E		E	G		E	E		E	G		E	E		E	E	
Trimethyl Amine	=			F	=		F			G			E			E		
2-2-4-Trimethyl Amine Pentane	=			E						E			E			G		
Trinitrophenol	E			E	F		E			E			E			F		E
Trinitrotoluene	=			=			G			G			E			=		E
Trioctyl Phosphate	E			=			=			E			E			E		F
Trioxybenzoic Acid	E			E						E			E					
Trioxypropane	E			E	G		E	G	G	E	E	G	E	G		E	G	
Triphenyl Phosphate	G			=			=			F			E			E	E	
Trisodium Phosphate	E			G			E	G		E			E	E	G	E	E	
Trixylil Phosphate	F			=			=			G			E			E	E	
Tung Oil	=			E			E			E			E	G		E	G	
Turbine Oil	=			G			=			E			E			E	E	
Turpentine	=			E			=			E	G		E	G		E	F	
Uconol	E			E						E			E			E	E	
Ucon® Hydrolube Oils	=			E			=			E			E			E	E	
Undecanol	E			E			E			E			G			E	E	
Unsymmetrical Dimethyl Hydrazine	G			F			G						=					
Uran				G			E							E		E	E	
Urea, aqueous	33	E		E			E			E			E			E	E	
Urine		E		E			E			E			E			E	E	
Varnish	=			G			F			E			E			E	E	
Vaseline	=			E			E			E			E			E	E	
Versilube®	E			E			E			E			E			E	E	
Vinegar	G			G			E			E			E	G		E	E	
Vinyl Acetate	E			=			=			=			E	G		E	E	
Vinyl Benzene	=			=			=			E			E	G		E	G	
Vinyl Carbinol	E			E			E			E			E			E	E	
Vinyl Chloride	=			=			=			E			E			=	=	
Vinyl Cyanide	G			=			=			=			E			E	E	
Vinyl Ether	=			=			=			=			E	G		E	G	
Vinyl Fluoride	=			=			=			=			E			E	E	
Vinyl Toluene	=			=			=			E			E			E	E	
Vinyl Trichloride	=			=			=			E			E			E	E	
V.M. and P. Naphta	=			E			=			E			E			=	F	
Vitriol Ether	=			F						=			E			E	E	
<div style="display: flex; justify-content: space-between;"> Corrosiv/ac Corrosiv/spac </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Carbopomp/1tn Nafta/16 1tn-tml-tmc </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Corrosiv/hyp Corrosiv/spl hyp </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Corrosiv/viton Corrosiv/spl viton </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Corrosiv/cl Corrosiv/spcl </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> Superior hbb Superior/c hdn Superior/spl hbb-hdn </div>																		
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RESISTANCE CHART

	EPDM			NBR1			CSM			FPM			XLPE			UHMWPE			
	TEMPERATURE °C																		
	%	21	65	76	21	65	76	21	65	76	21	65	76	21	38	65	21	65	76
Walnut Oil	E			E			E			E			E			E		F	
Water Demineralized	G						E			E			E			E			
Water Distilled	E			E			E			E			E	G		E	E		
Water Fresh	E	G	G	E	G	G	E	G	G	E	G	G	E	G		E	E	G	
Water Salt	E			E			E			E	G		E			E	E	G	
Water Containing Oxidising Salts	E			E			E			E			E			E	G		
Water Glass	E			E	G		E	G		E			E	E	G	E	E	G	
Water Works Primer Solvent																E			
Wax Distillate																E			
White Liquor	=			E			E						E			E			
White Oil	10	=		E			=			E			E			G	F		
White Spirit	=			E			=			E			E			E			
Wood Alcohol	F	=		F			E	G		E	G		E	G		E	E		
Wool Oil	=			E			=			E			E			E			
Xylene	=			=			=			E			E			E	=		
Xylenol	=			=			=			E			E			F			
Xylidine	F			=			=			=			E			E			
Xylol	=			=			=			E			E			E	=		
Zeolites	E			E			E			E			E			E			
Zinc Acetate	Aq	F		=			=			=			E	E	G	E			
Zinc Carbonate		E		E			E	G		E	G		E	E	G	E	E		
Zinc Chloride	Aq	E		G			E	G	G	E			E	E	G	E	E		
Zinc Chromate		=		E	G		=			E			E	G	F	G	G		
Zinc Oxide																E	E		
Zinc Salts, aqueous														E		E	E		
Zinc Sludge																E	E		
Zinc Stearate																E	E		
Zinc Sulphate	Aq	E	G	E	G		E	G		E			E	E	G	E	E		
<div style="display: flex; justify-content: space-between;"> Corrosiv/ac Corrosiv/spac </div>																			
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