A = 0000 110313181100	Ιυ.	- I ai	1 110	31310	11100	0
	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Acetal	D	В	D	_	Α	В
Acetaldehyde	D	Α	D	В	Α	Α
Acetamide	Α	Α	В	-	Α	Α
Acetate Solvents	D	Α	D	-	Α	С
Acetic Acid, 10%	В	Α	С	_	Α	В
Acetic Acid, 30%	D	Α	С	-	Α	В
Acetic Acid, 50%	D	Α	D	-	Α	В
Acetic Acid, Glacial	D	Α	D	-	Α	В
Acetic Anhydride	D	В	D	D	Α	В
Acetic Ester (Ethyl Acetate)	D	Α	D	-	Α	В
Acetic Ether (Ethyl Acetate)	D	Α	D	-	Α	В
Acetic Oxide (Acetic Anhydride)	D	В	D	-	Α	В
Acetone	D	Α	D	D	Α	В
Acetophenome	D	Α	D	_	Α	Α
Acetyl Acetone	С	В	D	-	Α	В
Acetyl Chloride	D	С	В	С	Α	С
Acetylene	Α	В	Α	-	Α	Α
Acrylonitrile	D	D	D	_	Α	D
Air	Α	Α	Α	Α	Α	Α
Alcohol Aliphatic	Α	Α	С	_	В	Α
Alcohol, Aromatic	С	D	Α	_	Α	D
Alk-Tri (Trichloroethylene)	D	D	Α	_	Α	D
Allyl Alcohol	Α	Α	В	_	Α	Α
Allyl Bromide	D	D	В	_	Α	D
Allyl Chloride	D	D	Α	_	Α	D
Alum (Alum Potassium Sulfate)	Α	Α	Α	_	Α	Α
Aluminum Acetate	С	Α	Α	_	Α	Α
Aluminum Chloride	Α	Α	Α	В	Α	Α
Aluminum Fluoride	Α	Α	Α	_	Α	Α
Aluminum Hydroxide	Α	Α	Α	_	Α	Α
Alminum Phosphate	Α	Α	Α	_	Α	Α
Aluminum Nitrate	Α	Α	Α	_	Α	Α
Aluminum Sulfate	Α	Α	Α	Α	Α	Α
Ammonia, Liquid	В	Α	Α	_	Α	Α
Ammonia in Water	С	Α	В	_	Α	В
Ammonium Carbonate	С	Α	Α	С	Α	Α
Ammonium Chloride	Α	Α	Α	С	Α	Α
Ammonium Hydroxide	В	Α	В	Α	Α	Α
Ammonium Metaphosphate	Α	Α	Α	_	Α	Α
Ammonium Nitrate	Α	Α	Α	С	Α	Α
Ammonium Persulfate	D	В	Α	Α	Α	Α
Ammonium Physphate	Α	A	Α	_	Α	Α
Ammonium Sulfate	Α	Α	Α	Α	Α	Α
Ammonium Sulfide	Α	Α	Α	_	Α	Α
Ammonium Sulfite	Α	Α	A	_	Α	Α
Ammonium Thiocyanate	Α	Α	A	_	Α	Α
Ammonium Thiosulfate	Α	Α	A	_	Α	Α
Amyl Acetate	D	A	A	D	A	В
*PTFE includes Tuf-Flex®, GYLON BIO-PRO® a	_			_		
NOTE: Properties/applications shown throughout this						

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Amyl Acetone	D	В	D	_	Α	В
Amyl Alcohol	А	Α	Α	D	Α	Α
Amyl Borate	Α	D	Α	_	Α	D
Amyl Chloride	D	D	Α	D	Α	D
Amyl Chloronapthalene	D	D	Α	-	Α	D
Amyl Napthalene	D	D	Α	-	Α	D
Amyl Oleate	D	В	С	_	Α	В
Amyl Phenol	D	D	Α	-	Α	D
Anethole	D	D	В	-	Α	D
Aniline	D	D	В	В	В	В
Aniline Dyes	D	В	В	-	Α	В
Aniline Hydrochloride	В	В	В	_	Α	В
Animal Fats	Α	С	Α	-	Α	С
Animal Grease	А	С	Α	_	Α	D
Animal Oils	А	С	Α	_	Α	С
Ansul Ether	D	С	D	_	Α	D
Antifreeze	А	Α	Α	_	Α	Α
Antimony Chloride	Α	D	Α	_	Α	В
Antimony Pentachloride	В	D	Α	_	Α	D
Aqua Regia	D	В	Α	_	Α	С
Aromatic Hydrocarbons	D	D	A	_	Α	D
Arquad	A	A	A	_	A	A
Arsenic Acid	A	A	A	_	A	A
Arsenic Chloride	C	D	D		A	D
	A	D	D	_	A	D
Arsenic Trichloride		<del>-</del>	<u> </u>	_		_
Asphalt	В	D	A	_	Α	D
ASTM #1 Oil	A	D	A	_	A	D
ASTM #2 Oil	A	D	A	_	A	D
ASTM #3 Oil	A	D	Α	_	Α	D
Aviation Gasoline	A	D	Α	_	Α	D
Barium Carbonate	A	Α	Α	_	Α	Α
Barium Chloride	Α	Α	Α	_	Α	Α
Barium Hydroxide	A	Α	Α	_	Α	Α
Barium Sulfate	Α	Α	Α	-	Α	Α
Barium Sulfide	Α	Α	Α	_	Α	Α
Beer	Α	Α	Α	-	Α	Α
Beet Sugar Liquor	A	Α	Α	-	Α	Α
Benzaldehyde	D	Α	D	_	Α	В
Benzene (Benzol)	D	D	Α	-	Α	D
Benzene Sulphonic Acid	D	D	Α	D	Α	D
Benzine Solvent (Ligroin)	А	D	Α	_	Α	D
Benzoic Acid	D	D	Α	-	Α	D
Benzoic Aldehyde	D	Α	D	_	Α	В
Benzotrichloride	-	-	-	-	Α	-
Benzoyl Chloride	D	D	В	_	Α	D
Benzyl Acetate	D	В	D	-	Α	В
Benzyl Alcohol	D	В	Α	-	Α	В
Benzyl Chloride		D	Α			

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A = Good Resistance | B = Fair Resistance | C = Depends on Conditions | D = Not Recommended

# ssistance

A = Good Resistance	B:	= Fai	r Ke	SIST	unce	6
	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Bichromate of Soda (Sodium Dichromate)	Α	Α	Α	_	Α	Α
Black Sulfate Liquor	Α	Α	Α	_	Α	Α
Blast Furnace Gas	С	С	Α	_	Α	С
Bleach Solutions	D	В	В	_	Α	В
Borax	Α	Α	Α	_	Α	Α
Bordeaux Mixture	Α	Α	Α	_	Α	Α
Brandy	F	DA T	UBE	REQ	UIRE	D D
Brine	Α	Α	Α	_	Α	Α
Bromine	D	D	Α	D	Α	D
Bromine Water	С	С	Α	_	Α	С
Bromobenzene	D	D	В	_	Α	D
Bunker Oil	A	D	A	_	Α	D
Butanol	Α	A	Α	В	Α	A
Butane	Α	D	A	D	Α	D
Butter	A	A	A	_	_	A
Butyl Acetate	D	Α	D	D	Α	В
Butyl Acrylate	D	D	D	_	A	D
Butylamine	С	С	D	_	A	С
	D	D		_	А	D
Butyl Benzene	D	D	A B	_	_	D
Butyl Bromide	_	_		_	_	_
Butyl Butyrate	D	В	C	_	_	С
Butyl Carbitol	В	Α	A	_	_	Α
Butyl Cellosolve	В	A	D	_	_	A
Butyl Chloride	D	D	A	_	A	С
Butyl Ether	В	С	D	_	Α	С
Butyl Ethyl Acetaldehyde	D	D	D	_	-	С
Butyl Ethyl Ether	D	С	С	_	Α	С
Butyl Oleate	D	В	Α	_	_	В
Butyl Phthalate	D	Α	С	_	_	С
Butyl Stearate	В	С	Α	_	Α	С
Butyuraldehyde	D	D	D	_	Α	D
Butyric Acid	С	С	С	D	Α	С
Butyric Anhydride	С	С	С	_	Α	С
Calcium Acetate	D	Α	D	_	Α	Α
Calcium Bisulfate	Α	В	Α	_	Α	В
Calcium Bisulfite	Α	Α	Α	_	Α	Α
Calcium Carbonate	Α	Α	Α	-	Α	Α
Calcium Chloride	Α	Α	Α	-	Α	Α
Calcium Hydroxide	Α	Α	Α	_	Α	Α
Calcium Hypochlorite	D	Α	Α	_	Α	Α
Calcium Nitrate	Α	Α	Α	_	Α	Α
Calcium Oxide	_	_	_	Α	_	_
Calcium Salts	_	-	-	В	_	-
Calcium Sulfate	Α	Α	Α	-	Α	Α
Calcium Sulfide	Α	Α	Α	_	Α	Α
Calcium Sulfite	Α	Α	Α	-	Α	Α
Caliche Liquor	Α	Α	Α	-	Α	Α
Cane Sugar Liquors	Α	Α	Α	-	Α	Α
*PTFE includes Tuf-Flex®, GYLON BIO-PRO®	and G	YLON	® BI	0-PR	D PLU	JS™

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Carbitol	В	В	Α	_	_	Α
Carbitol Acetate	D	В	D	_	_	В
Carbolic Acid	С	Α	Α	-	Α	С
Carbon Bisulfide	D	D	Α	-	Α	D
Carbon Dioxide	Α	Α	Α	В	Α	Α
Carbon Disulfide	D	D	Α	-	Α	D
Carbonic Acid	Α	Α	Α	_	Α	Α
Carbon Monoxide	С	С	Α	_	Α	С
Carbon Tetrachloride	С	D	Α	D	Α	D
Carbon Tetraflouride	С	D	_	-	Α	D
Castor Oil	Α	Α	Α	_	Α	Α
Caustic Potash	Α	Α	С	_	Α	Α
Caustic Soda	В	Α	С	_	-	Α
Cellosolve	D	Α	С	_	Α	Α
Cellulose Acetate	D	В	D	_	Α	В
Cellulube	D	Α	С	_	-	В
China Wood Oil	Α	Α	С	_	Α	Α
Chlorine Dioxide	D	D	Α	_	-	D
Chlorine Gas	D	D	Α	_	Α	D
Chlorine Water Solns	D	D	С	_	A	D
Chloroacetic Acid	C	A	D	_	A	D
Chloroacetone	D	D	D	_	_	В
Chlorobenzene	D	D	A	D	Α	D
Chlorobutane	D	D	Α	_	_	D
Chlorobutadiene	D	D	A		_	D
Chloroform	D	D	A	D	Α	D
Chlorinated Hydrocarbon	D	D	Α	_	A	D
Chloropentane	D	D	A		_	D
Chlorophenol	D	D	A		A	D
· · · · · · · · · · · · · · · · · · ·	D	С	D		A	С
Chloropropanone Chlorosulfonic Acid	С	D	D	D	A	D
Chlorothene				U	_	
-	D	D	Α	_	Α	D
Chlorotoluene Chromic Acid	D D	D C	A C		Α	D C
				D	Α	
Citric Acid	В	A	Α	_	Α	A
Coal Oil	A	D	Α	_	_   _	D
Coal Tar	A	В	A	_	A	D
Coal Tar Naptha	C	D	A	_	Α	D
Coblat Chloride	Α	Α	Α	_	-	Α
Coconut Oil	Α	Α	Α	_	Α	В
Cod Liver Oil	A	A	A	_	Α	Α
Coke Oven Gas	С	D	D	_	Α	С
Copper Arsenate	Α	Α	Α	-	Α	Α
Copper Chloride	Α	Α	Α	-	Α	Α
Copper Cyanide	Α	Α	Α	-	Α	Α
Copper Nitrate	Α	Α	Α	_	Α	Α
Copper Nitrite	Α	Α	Α	-	Α	Α
Copper Sulfate  **Butyl includes Bromobutyl and Chlorobutyl	Α	А	А	-	А	В

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A = Good Resistance	B =	= Fai	r Re	sista	nce	C	Depends on Conditions   D = Not Recommend	.ed
	itrile			Ф		*	litri	
	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl*,	Buna/Nitrile	FKM
	_			Sil				
Copper Sulfide	Α	Α	Α	_	Α	Α	Diethyl Benzene D D	Α
Corn Oil	Α	С	Α	_	Α	Α	Diethyl Ether B D	D
Cottonseed Oil	Α	С	Α	_	Α	Α	Diethylene Dioxide D B	D
Creosote (Coal Tar)	Α	D	В	_	Α	D	Diethyl Oxalate D A	С
Creosote (Wood)	Α	D	Α	_	Α	D	Diethyl Phthalate D C	С
Creosols	С	D	Α	_	Α	С	Diethyl Sebacate D C	В
Cresylic Acid	С	D	Α	_	Α	D	Diethyl Sulfate D A	Α
Crude Oil	Α	D	Α	_	Α	D	Diethyl Triamine B B	С
Cumene	С	D	Α	_	Α	D	Dihydroxyethyl Ether A B	Α
Cupric Carbonate	В	Α	Α	_	Α	Α	Diisobutylene A D	Α
Cupric Chloride	Α	Α	Α	_	Α	Α	Diisobutyl Ketone D A	D
Cupric Nitrate	Α	Α	Α	_	Α	Α	Diiaodecyl Adipate D A	С
Cupric Nitrite	Α	Α	Α	_	Α	Α	Diisodecyl Phthalate D A	С
Cupric Sulfate	Α	Α	Α	_	Α	Α	Diisooctyl Adipate D A	С
Cyclohexane	В	D	Α	D	Α	D	Diisooctyl Phthalate D B	В
Cyclohexanone	D	D	С	D	Α	D	Diisopropanol Amine B A	С
Cyclohexanol	В	D	В	_	Α	D	Diisopropyl Benzene C D	Α
Cyclopentane	С	D	Α	-	Α	D	Diisopropyl Ether B D	В
P-Cymene	С	D	Α	_	Α	D	Diisopropyl Ketone D A	D
DDT in Kerosene	Α	D	Α	_	Α	D	Dilauryl Ether C D	С
Decaline	D	D	Α	_	Α	D	Dimethyl Benzene D D	Α
Decane	В	D	Α	_	_	D	Dimethylaniline D C	D
Detergent Solutions	Α	Α	Α	_	Α	Α	Dimethylformamide (DMF) D C	D
Diacetone Alcohol	D	В	D	_	Α	Α	Dimethyl Ketone (Acetone) D A	D
Dibenzyl Ether	D	D	С	_	Α	В	Dimethyl Phthalate D B	С
Dibenzylsebacate	D	В	В	_	Α	В	Dimethyl Sulfate D D	D
Dibromobenzene	D	D	Α	_	Α	D	Dimethyl Sulfide D D	С
Dibutylamine	D	D	D	С	Α	D	Dinitrobenzene D C	Α
Dibutyl Ether	D	В	С	_	Α	D	Dinitrotoluene D D	В
Dibutyl Phthalate	D	Α	D	_	Α	В	Dioctyl Adipate (DOA) D B	С
Dibutyl Sebacate	D	В	В	_	Α	В	Dioctyl Phthalate (DOP) D B	В
Dicalcium Phosphate	Α	Α	Α	_	Α	Α	Dioctyl Sebacate (DOS) D B	В
Dicloroacetic Acid	D	С	С	_	Α	С	Dioxane D B	D
P-Dichlorobenzene	D	D	Α	_	Α	D	Dioxolane D B	С
Dichlorobutane	D	D	Α	_	Α	D	Dipentene (Limonene) C D	Α
Dichloroisopropyl Ether	D	С	С	_	_	С	Diphenyl (Biphenyl) D D	Α
Dichlorodifluoromethane (Freon 12)	Α	D	Α	_	Α	D	Dipropyl Ketone D B	D
Dichloroethane	D	D	Α	_	Α	С	Disodium Phosphate A A	А
Dichloroethylene	D	D	Α	_	Α	D	Divinyl Benzene D D	Α
Dichloroethyl Ether	D	D	С	_	Α	D	D.M.P. (Dimethyl Phenols)	D
Dichlorohexane	D	D	A	_	Α	D	Dodecyl Benzene D D	A
Dichloromethane	D	D	Α	_	Α	D	Diphenyl Oxide (Phenylether) D D	Α
Dichloropentane	D	D	A	_	Α	D	Dipropylene Glycol A A	Α
Dieldrin in Xylene	D	D	A	_	_	D	Dodecyl Toluene D D	A
Dieldrin in Xylene & Water Spray	В	D	A	_		D	Dowdume W 40, 100% D C	C
Diesel Oil	А	D	A		 A	D	Dow-Per (Perchloroethylene) C D	A
Diethanolamine	В	A	D	_	A	A	Dowtherm Oil, A & E D D	A
Diethylamine	С	В	D		A	В	Dowtherm S.R.I. A A	A
*DTEE includes Tuf Flore CVI ON DIO DDOG 6				) DE 1			**Putul includes Premobutul and Chlorabutul	Λ

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Diethyl Benzene	D	D	Α	-	Α	D
Diethyl Ether	В	D	D	_	_	D
Diethylene Dioxide	D	В	D	_	Α	В
Diethyl Oxalate	D	Α	С	_	Α	С
Diethyl Phthalate	D	С	С	_	Α	Α
Diethyl Sebacate	D	С	В	_	Α	Α
Diethyl Sulfate	D	Α	Α	_	Α	В
Diethyl Triamine	В	В	С	_	Α	Α
Dihydroxyethyl Ether	Α	В	Α	_	Α	Α
Diisobutylene	Α	D	Α	_	Α	D
Diisobutyl Ketone	D	Α	D	_	Α	В
Diiaodecyl Adipate	D	Α	С	_	Α	Α
Diisodecyl Phthalate	D	Α	С	_	Α	Α
Diisooctyl Adipate	D	Α	С	_	Α	Α
Diisooctyl Phthalate	D	В	В	_	Α	В
Diisopropanol Amine	В	Α	С	_	Α	Α
Diisopropyl Benzene	С	D	Α	_	Α	D
Diisopropyl Ether	В	D	В	_	Α	D
Diisopropyl Ketone	D	Α	D	_	Α	D
Dilauryl Ether	С	D	С	_	Α	D
Dimethyl Benzene	D	D	A	_	Α	D
Dimethylaniline	D	С	D	_	Α	D
Dimethylformamide (DMF)	D	С	D	_	Α	С
Dimethyl Ketone (Acetone)	D	A	D	_	Α	A
Dimethyl Phthalate	D	В	С	_	Α	Α
Dimethyl Sulfate	D	D	D	_	Α	В
Dimethyl Sulfide	D	D	С	_	A	C
Dinitrobenzene	D	С	A	_	Α	С
Dinitrotoluene	D	D	В	_	Α	D
Dioctyl Adipate (DOA)	D	В	С	_	Α	Α
Dioctyl Phthalate (DOP)	D	В	В	_	Α	В
Dioctyl Sebacate (DOS)	D	В	В	_	Α	В
Dioxane	D	В	D	_	Α	В
Dioxolane	D	В	С	_	Α	С
Dipentene (Limonene)	С	D	Α	_	Α	D
Diphenyl (Biphenyl)	D	D	Α	_	_	D
Dipropyl Ketone	D	В	D	_	Α	В
Disodium Phosphate	Α	Α	Α	_	Α	Α
Divinyl Benzene	D	D	Α	_	Α	D
D.M.P. (Dimethyl Phenols)	D	D	D	_	Α	D
Dodecyl Benzene	D	D	A	_	Α	D
Diphenyl Oxide (Phenylether)	D	D	A	_	_	D
Dipropylene Glycol	A	A	Α	_	A	A
- · p · o p j · o · · o · · j · o o ·		D	A	_	A	D
Dodecyl Toluene	[ [)					
Dodecyl Toluene  Dowdume W 40, 100%	D D		С	_	_	
Dowdume W 40, 100%	D	С	C	-	—   А	D D
			C A A	- -	- А А	D D

\*PTFE includes Tuf-Flex®, GYLON BIO-PRO® and GYLON® BIO-PRO PLUS™ | \*\*Butyl includes Bromobutyl and Chlorobutyl

**Rubber Fab** 

Chart
Resistance
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A = Good Resistance	B =	- Fai	r Re	sista	nce	C	= Depends on Conditions   D = Not Rec	comi	men	ded
	itrile			в	*	*		itrile		
	Buna/Nitrile	EPDM	FKM	Silicone	APTFE*	Butyl**		Buna/Nitrile	EPDM	FKM
	_			S	A			_		
Dry Cleaning Fluids	C	D	A	_	-	D	Formamide	A	A	D
Epichlorohydrin	D	В	D	_	Α	С	Formic Acid	В	Α	D
Ethanol (Ethyl Alcohol)	Α	Α	С	В	Α	Α	Freon 11	Α	D	A
Ethers	С	D	D	D	Α	С	Freon 12	В	С	В
Ethyl Acetate	D	Α	D	D	Α	В	Freon 13	Α	Α	Α
Ethyl Acetaoacetate	D	В	D	_	Α	В	Freon 21	D	D	D
Ethyl Acrylate	D	D	D	_	Α	С	Freon 22	D	Α	D
Ethyl Benzene	С	D	Α	_	Α	D	Freon 31	D	Α	D
Ethyl Benzoate	В	В	С	_	_	В	Freon 32	Α	Α	С
Ethyl Butyl Alcohol	Α	Α	В	_	Α	Α	Freon 112	В	D	Α
Athyl Butyl Ketone	D	В	D	_	Α	В	Freon 113	Α	D	В
Ethyl Cellulose	В	В	D	_	Α	В	Freon 114	Α	Α	В
Ethyl Chloride	D	Α	В	D	Α	Α	Freon 115	Α	Α	В
Ethyl Dichloride	D	D	В	_	Α	D	Freon 142b	Α	Α	D
Ethylene	Α	D	Α	_	_	D	Freon 152a	Α	Α	D
Ethylene Bromide	D	D	Α	_	Α	D	Freon 218	Α	Α	Α
Ethylene Chloride	D	D	Α	_	Α	D	Freon C316	Α	Α	Α
Ethylene Dibromide	D	D	В	-	Α	D	Freon C318	Α	Α	Α
Ethylene Dichloride	D	D	В	D	Α	D	Freon 13B1	Α	Α	Α
Ethylene Glycol	Α	Α	Α	Α	Α	Α	Freon 114B2	В	D	В
Ethylene Oxide	D	С	D	D	Α	С	Freon 502	В	Α	В
Ethylene Trichloride (Trichloroethylene)	С	D	Α	-	Α	D	Freon TF	Α	Α	Α
Ethyl Ether	С	D	D	-	Α	D	Freon T-WD 602	Α	В	Α
Ethyl Formate	D	С	D	_	Α	В	Freon TMC	В	В	Α
Ethyl Hexanol	Α	Α	В	_	Α	Α	Freon T-P35	Α	Α	Α
Ethyl Methyl Ketone	D	В	D	_	Α	В	Freon TA	Α	Α	С
Ethyl Ozalate	D	В	С	_	Α	Α	Freon TC	Α	В	Α
Ethyl Phthalate	D	В	С	_	Α	Α	Freon MF	Α	D	Α
Ethyl Propyl Ether	D	D	С	_	_	D	Freon BF	В	D	Α
Ethyl Propyl Ketone	D	В	D	_	Α	В	Fuel Oil	Α	D	Α
Ethyl Silicate	Α	Α	Α	_	Α	Α	Fuel, ASTM A	Α	D	Α
Ethyl Sulfate	D	В	D	_	Α	В	Fuel, ASTM B	Α	D	Α
EX TRI (Trichlorethylene)	С	D	Α	_	Α	D	Fuel, ASTM C	В	D	Α
Fatty Acids	В	С	Α	С	Α	D	Fumaric Acid	Α	D	Α
Ferric Bromide	Α	Α	Α	_	Α	Α	Furan	D	С	D
Ferric Chloride	Α	Α	Α	В	Α	Α	Furfural	D	С	D
Ferric Nitrate	Α	Α	Α	_	Α	Α	Furfuryl Alcohol	D	C	D
Ferric Sulfate	Α	Α	Α	_	Α	Α	Gallic Acid	В	В	В
Ferrous Acetate	D	В	D	_	Α	Α	Gasoline, Reg	A	D	A
Ferrous Ammonium Sulfate	A	A	A	_	_	Α	Gasoline, Hi-Test	Α	D	A
Ferrous Chloride	Α	Α	Α	_	Α	Α	Gasoline, Lead Free	Α	D	A
Ferrous Hydroxide	В	Α	C	_	Α	Α	Gelatin	Α	A	A
Ferrous Sulfate	A	Α	A	_	A	Α	Gluconic Acid	C	C	A
Fish Oil	Α	D	Α	_	Α	Α	Glucose	A	A	A
Fluoroboric Acid	Α	A	C	Α	Α	A	Glue	A	Α	C
Fluorine	D	D	D	_	В	D	Glycerine (Glycerol)	A	A	A
Fluosilic Acid	В	В	A		А	A	Glycois	A	A	A
Formaldehyde (Formalin)	А	А	A	В	A	A	Grease	A	D	A
*PTFE includes Tuf-Flex®, GYLON BIO-PRO® (							**Butyl includes Bromobutyl and Chlorobutyl	_ ^		Ι Λ

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Formamide	А	А	D	_	А	Α
Formic Acid	В	Α	D	С	Α	Α
Freon 11	А	D	А	-	-	D
Freon 12	В	С	В	-	-	D
Freon 13	А	. A	Α	-	-	Α
Freon 21	D	D	D	-	-	D
Freon 22	D	А	D	_	Α	Α
Freon 31	D	Α	D	-	-	Α
Freon 32	А	. A	С	-	-	Α
Freon 112	В	D	Α	_	-	D
Freon 113	А	D	В	_	-	D
Freon 114	А	. A	В	_	-	Α
Freon 115	А	. A	В	_	l –	Α
Freon 142b	А	A	D	_	-	Α
Freon 152a	A	A	D	_	-	Α
Freon 218	A		A	_	-	Α
Freon C316	A		A	_	-	A
Freon C318	A		A	_	-	Α
Freon 13B1	A		A	_	<del>  _</del>	Α
Freon 114B2	В	-	В	_	<del> </del>	D
Freon 502	В	+-	В	_	<del> </del>	A
Freon TF	A		A			A
Freon T-WD 602	A	_	A		<del>                                     </del>	A
			1 1	_	-	
Freen T D25	В		A	_	-	В
Freon T-P35	A		A	_	-	Α
Freon TA	A		C	_	-	Α
Freon TC	A		A	_	-	A
Freon MF	A		A	_	-	D
Freon BF	В		A	_	-	D
Fuel Oil	A		A	_	Α	D
Fuel, ASTM A	A	_	A	_	Α	D
Fuel, ASTM B	A		A	_	A	D
Fuel, ASTM C	В		A	-	Α	D
Fumaric Acid	A	_	Α	_	Α	D
Furan	D	_	D	-	Α	С
Furfural	D	-	D	-	Α	Α
Furfuryl Alcohol	D	С	D	_	Α	С
Gallic Acid	В	В	В	_	Α	В
Gasoline, Reg	Α	. D	А	-	Α	D
Gasoline, Hi-Test	А	D	Α	D	Α	D
Gasoline, Lead Free	А	D	А	D	Α	D
Gelatin	А	A	А	-	Α	А
Gluconic Acid	С	С	А	_	Α	С
Glucose	А	. A	А	А	А	А
Glue	А	. A	С	Α	Α	В
Glycerine (Glycerol)	А	. A	Α	Α	Α	Α
Glycois	А	. A	А	-	Α	Α
Grease	А	D	Α	_	Α	D

Chart	
Resistance	
emical	
Ch	

A = Good Resistance	B =	- Fai	r Res	sista	nce	C	= Depends on Conditions   D = Not Rec	comr	men	ded
	trile							trile		
	Buna/Nitrile	EPDM	5	Silicone	PTFE*	Butyl**		Buna/Nitrile	EPDM	5
	Bur	EPI	FKM	Silli	PTF	But		Bur	FP	FKM
Green Sulfate Liquor	_	Α	_	_	Α	Α	Isobutanel (Isobutyl Alcohol)	В	Α	В
Halowax Oil	D	D	Α	-	Α	D	Isobutyl Acetate	D	В	D
Heptachlor in Petroleum Solvents	В	D	Α	_	Α	D	Isobutyl Aldehyde	D	В	D
Heptachlor in Petroleum Solvents, Water Spray	В	D	Α	-	_	D	Isobutyl Amine	D	В	D
Heptanal (Heptaldehyde)	D	В	D	-	Α	D	Isobutyl Bromide	D	D	В
Heptane	Α	D	Α	-	Α	D	Isobutyl Carbinol	А	Α	В
Heptane Carboxylic Acid	С	С	Α	-	Α	С	Isobutyl Chloride	D	D	В
Hexaldehyde	D	В	D	_	Α	В	Isobutylene	Α	D	А
Hexane	Α	D	Α	-	Α	D	Isobutyl Ether	D	D	D
Hexene	В	D	Α	_	Α	D	Isocyanates	D	В	С
Hexanol (Hexyl Alcohol)	Α	Α	Α	_	Α	Α	Isoctane	Α	D	Α
Hexylene	Α	С	Α	_	Α	D	Isopentane	Α	D	Α
Hexylene Glycol	Α	Α	Α	_	Α	Α	Isopropyl Acetate	D	В	D
Hexyl Methyl Ketone	D	В	D	_	Α	В	Isopropyl Alcohol (iso-propanol)	В	Α	В
Hi-Tri (Trichloroethylene)	С	D	Α	_	Α	D	Isopropyl Amine	С	В	D
Hydraulic Fluid (Petroleum)	Α	D	Α	С	Α	D	Isopropyl Benzene	D	D	Α
Hydraulic Fluid (Phospate Ester Base)	D	A	D	_	Α	A	Isopropyl Chloride	D	D	В
Hydraulic Fluid (Poly Alkylene Glycol Base)	A	Α	A	_	_	Α	Isopropyl Ether	С	D	D
Hydrobromic Acid	С	Α	Α	_	A	Α	Isopropyl Toluene	D	D	A
Hydrobromic Acid, 5%	D	Α	A	_	A	В	Jet Fuels (JP1-JP6)	A	D	Α
Hydrobromic Acid, 15%	D	A	A	_	A	В	Kerosene	Α	D	Α
Hydrobromic Acid, 37%	_	A	A		A	_	Ketones	D	A	D
Hydrocyanic Acid	В	C	A	_	A	С	Lactic Acid	С	C	A
Hydrofluoric Acid	D	C	A	D	A	С	Lacquers	D	D	D
Hydrofluosilic Acid	В	A	Α	_	A	A	Lacquer Solvents	D	D	D
Hydrogen Gas	_	_	_		_	_	Lard	A	С	A
Hydrogen Peroxide, 3%	С	Α			Α	С	Lauryl Alcohol	A	A	В
Hydrogen Peroxide, 10%	D	A			A	С	Lead Acetate	C	В	С
Hydrogen Peroxide, 30%	D	C		_	A	D	Lead Nitrate	A	А	A
Hvdrogen Peroxide, 90%	D	С	В	C	A	D	Lead Sulfamate	В	A	A
Hydrogen Sulfide	U	U	D	U	A	U	Lead Sulfate	А	A	A
	D	 В	 D	_	_	_ D				$\vdash$
Hydroquinone  Llymaphlaraua Asid		В	_		A	B B	Ligroin Lima Water	A	D	Α
Hypochlorous Acid	D B	В	Α	D	_	В	Lime Water Linseed Oil	C	Α	Α
Ink Oil (Linseed Oil Base)			A	_	A		Lindol (Tricresyl Phosphate)	A	Α	Α
Insulating Oil	A	D	A C	_	A	D		D	Α	Α
lodine	D	D	_	_	A	D	Liquid Soap	Α	A	Α
Iron Acetate	D	В	D	_	A	Α	Liquid Petroleum Gas	Α	D	Α
Iron Hydroxide	В	В	C	_	A	Α	Lubricating Oils	A	D	A
Iron Salts	Α	A	A	_	A	Α	Lye (Sodium Hydroxide)	В	A	D
Iron Sulfate	Α	A	A	_	A	A	Magnesium Acetate	D	В	D
Iron Sulfide	A	A	A	_	A	A	Magnesium Carbonate	Α	A	A
Isomyl Acetate	D	В	D	_	A	Α	Magnesium Chloride	A	Α	A
Isomyl Alcohol	Α	A	A	_	Α	A	Magnesium Hydrate	В	Α	В
Isoamyl Bromide	D	D	В	_	Α	D	Magnesium Hydroxide	В	Α	Α
Isoamyl Butyrate	D	C	D	-	A	С	Magnesium Nitrate	Α	Α	Α
Isoamyl Chloride	D	D	В	_	A	С	Magnesium Sulfate	A	A	Α
Isomyl Ether	D	D	D	_	A	D	Malathion 50 in Aromatic Solvents	C	D	Α
Isoamyl Phthalate	D	В	C	_	A	A	Malathion 50 in Aromatic Solvents, Water Spray	C	D	A
*PTFE includes Tuf-Flex®, GYLON BIO-PRO® a	ınd G'	YLON	® BIO	)-PRC	) PLU	S™	**Butyl includes Bromobutyl and Chlorobutyl			

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Isobutanel (Isobutyl Alcohol)	В	Α	В	-	Α	Α
Isobutyl Acetate	D	В	D	_	Α	Α
Isobutyl Aldehyde	D	В	D	-	Α	В
Isobutyl Amine	D	В	D	_	Α	В
Isobutyl Bromide	D	D	В	_	Α	D
Isobutyl Carbinol	Α	Α	В	_	Α	Α
Isobutyl Chloride	D	D	В	_	Α	D
Isobutylene	Α	D	Α	_	Α	D
Isobutyl Ether	D	D	D	_	Α	D
Isocyanates	D	В	С	_	Α	В
Isoctane	Α	D	Α	_	Α	D
Isopentane	Α	D	Α	_	Α	D
Isopropyl Acetate	D	В	D	_	Α	Α
Isopropyl Alcohol (iso-propanol)	В	Α	В	_	Α	Α
Isopropyl Amine	С	В	D	_	Α	В
Isopropyl Benzene	D	D	Α	_	Α	D
Isopropyl Chloride	D	D	В	_	Α	D
Isopropyl Ether	С	D	D	_	Α	D
Isopropyl Toluene	D	D	Α	_	Α	D
Jet Fuels (JP1-JP6)	Α	D	Α	_	Α	D
Kerosene	Α	D	Α	D	Α	D
Ketones	D	Α	D	_	Α	В
Lactic Acid	С	С	Α	Α	Α	С
 Lacquers	D	D	D	_	Α	С
Lacquer Solvents	D	D	D	D	Α	С
Lard	Α	С	Α	В	Α	D
Lauryl Alcohol	Α	Α	В	_	Α	Α
Lead Acetate	С	В	С	D	Α	Α
Lead Nitrate	Α	Α	Α	_	Α	Α
Lead Sulfamate	В	Α	Α	_	-	Α
Lead Sulfate	Α	Α	Α	_	Α	Α
Ligroin	Α	D	Α	_	Α	D
Lime Water	С	Α	Α	_	_	Α
Linseed Oil	Α	Α	Α	_	Α	Α
Lindol (Tricresyl Phosphate)	D	Α	Α	_	_	Α
Liquid Soap	Α	Α	Α	_	Α	Α
Liquid Petroleum Gas	Α	D	Α	_	Α	D
Lubricating Oils	Α	D	Α	_	Α	D
Lye (Sodium Hydroxide)	В	Α	D	_	_	Α
Magnesium Acetate	D	В	D	_	Α	Α
Magnesium Carbonate	Α	Α	Α	_	Α	Α
Magnesium Chloride	Α	Α	А	Α	А	Α
Magnesium Hydrate	В	А	В	-	Α	Α
Magnesium Hydroxide	В	А	А	_	Α	Α
Magnesium Nitrate	Α	Α	А	-	Α	Α
Magnesium Sulfate	Α	А	А	А	Α	Α
Malathion 50 in Aromatic Solvents	С	D	Α	-	А	D
Malathion 50 in Aromatic Solvents, Water Spray	С	D	А	-	А	D
**Butyl includes Bromobutyl and Chlorobutyl						

# sistance

A = Good Resistance	D =	= Faii	Re	SISta	nce	6
	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Maleic Acid	D	С	Α	-	Α	С
Maleic Anhydride	D	С	Α	_	Α	С
Malic Acid	В	D	Α	В	Α	D
Manganese Sulfate	Α	Α	Α	-	Α	Α
Manganese Sulfide	Α	В	Α	_	Α	Α
Manganese Sulfite	Α	В	Α	_	Α	Α
Mercuric Chloride	В	Α	Α	_	Α	Α
Mercury	Α	Α	Α	_	Α	Α
Methane	Α	D	Α	_	Α	D
Methyl Acetate	D	В	D	_	Α	В
Methyl Acrylate	D	В	D	_	A	В
Methacrylic Acid	D	В	D	_	_	В
Methyl Alcohol (Methanol)	A	A	С	Α	Α	A
Methyl Benzene (Toluene)	D	D	A	_	A	D
Methyl Bromide	D	D	В	_	A	D
Methyl Butyl Ketone	D	В	D	_	A	В
Methyl Cellosolve	С	В	D		A	В
Methyl Chloride	С	С	A	D	A	С
	D	D	В	D	A	D
Methyl Cyclohexane	_	_	<u> </u>	_	_	
Methylene Bromide	D	D	В	_	A	D
Methylene Chloride	D	D	В	_	A	D
Methyl Ethyl Ketone (MEK)	D	A	D	D	A	В
Methyl Formate	D	В	С	_	Α	В
Methyl Hexanol	A	Α	В	_	A	A
Methyl Hexyl Ketone	D	В	D	_	Α	В
Methyl Isobutyl Carbinol	В	Α	В	_	Α	A
Methyl Isobutyl Ketone (MIBK)	D	Α	D	_	Α	В
Methyl Isopropyl Ketone	D	С	D	_	Α	В
Methyl Propyl Ether	D	D	D	_	Α	D
Methyl Propyl Ketone	D	В	D	_	Α	В
Methyl Methacrylate	D	D	D	_	Α	D
Methyl Salicylate	D	В	С	_	Α	В
Methyl tert-Butyl Ether (MTBE)	D	D	D	_	D	D
Mineral Oil	Α	D	Α	_	Α	D
Mineral Spirits	Α	D	Α	_	Α	D
Monochlorobenzene	D	D	Α	_	Α	D
Monochlorodifluoromethane (Freon 22)	D	Α	D	_	Α	Α
Monomethylether	Α	Α	С	_	_	Α
Monovinyl Acetate	D	С	Α	-	-	В
Motor Oil	Α	D	Α	_	Α	D
Muriatic Acid	-	Α	Α	-	Α	_
Naphtha	Α	D	А	D	Α	D
Napthalene Napthalene	D	D	Α	_	Α	D
Napthenic Acid	С	D	Α	_	Α	D
Neatsfoot Oil	Α	В	Α	_	Α	В
Neu-Tri (Trichloroethylene)	C	D	A	_	A	D
Nickel Acetate	D	В	D	_	A	A
Nickel Chloride	A	A	A	Α	A	A
*PTEE includes Tuf-Flav® GVI ON RIO-PRO® 2						

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Nickel Nitrate	Α	Α	Α	_	Α	Α
Nickel Plating Solution	В	В	Α	_	Α	В
Nickel Sulfate	Α	Α	А	_	Α	Α
Niter Cake	Α	Α	Α	_	Α	Α
Nitric Acid, 10%	D	С	С	-	Α	С
Nitric Acid, 20%	D	С	Α	-	Α	В
Nitric Acid, 30%	D	С	Α	_	Α	В
Nitric Acid, 30-70%	D	D	С	-	Α	С
Nitric Acid, Red Fuming	D	D	D	-	Α	D
Nitrobenzene	D	D	В	D	Α	D
Nitrogen Gas	Α	Α	Α	-	Α	Α
Nitrogen Tetraoxide	D	D	D	_	Α	D
Nitromethane	D	В	D	_	Α	В
Nitropropane	D	В	D	_	Α	Α
Nitrous Oxide	Α	Α	Α	_	Α	Α
Octadecanoic Acid	Α	С	С	_	Α	В
Octane	Α	D	Α	_	Α	D
Octanol (Octyl Alcohol)	В	В	Α	_	Α	В
Octyl Acetate	D	В	D	_	Α	Α
Octyl Carbinol	Α	Α	В	_	Α	Α
Octylene Glycol	Α	Α	Α	_	Α	Α
Oil, Petroleum	Α	D	Α	_	Α	D
Oil, ASTM #1	Α	D	Α	_	Α	D
Oil. ASTM #2	Α	D	Α	_	Α	D
Oil, ASTM #3	Α	D	Α	_	Α	D
Oleic Acid	В	В	С	D	Α	В
Oleum (Fuming Sulfuric Acid)	D	D	D	_	Α	D
Olive Oil (Non FDA)	Α	В	Α	_	Α	В
Orthodichlorobenzene	D	D	Α	_	Α	D
Oxalic Acid (Cold)	В	Α	Α	В	Α	Α
Oxygen, Cold	С	Α	Α	_	Α	Α
Oxygen, HotB	Α	Α	_	Α	_	С
Ozone	D	Α	Α	_	Α	В
Paint Thinner (Duco)	D	D	С	_	Α	D
Palmitic Acid (Hexadecanoic Acid)	Α	В	Α	D	Α	В
Palm Oil	Α	В	Α	_	Α	Α
Papermaker's Alum	Α	Α	Α	_	Α	Α
Paradichlorobenzene	D	D	Α	_	_	D
Paraffin	Α	D	Α	_	Α	D
Paraformaldehyde	В	В	С	_	Α	В
Peanut Oil	Α	D	Α	_	Α	С
Pentane	Α	D	А	_	Α	D
Perchloroethylene	С	D	А	-	Α	D
Perchloric Acid	D	В	А	D	Α	В
Petrolatum	Α	D	А	_	_	D
Petroleum, Crude	Α	D	А	_	Α	D
			_			
Petroleum Ether (Naphtha)	Α	D	Α	_	Α	D

\*PTFE includes Tuf-Flex®, GYLON BIO-PRO® and GYLON® BIO-PRO PLUS™ | \*\*Butyl includes Bromobutyl and Chlorobutyl

**NOTE:** Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Rubber Fab. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice Rubber Fab is a registered trademark for packings, seals, gaskets, and other products of Rubber Fab.

A = Good Resistance | B = Fair Resistance | C = Depends on Conditions | D = Not Recommended

# sistance

A = Good Resistance	B =	= Fai	r Re	sista	nce	C	Depends on Conditions   D = Not Recommer	ded
	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**	Buna/Nitrile EPDM	FKM
Phenol 10%	D	С	A	_	A	В	Pyroligneous Acid C B	A
Phenol Sulfonic Acid	D	С	Α	_	Α	C	Pyrrole D C	C
Phenyl Chloride	D	D	Α	_	Α	D	Rape Seed Oil B B	A
Phenylhydrazine	D	С	Α	_	_	В	Red Oil (Crude Oleic Acid) B B	В
Phorone	D	В	С	_	Α	A	Richfield A Weed Killer, 100% D D	C
Phosphate Esters	D	Α	С	_	_	Α	Richfield B Wedd Killer, 33% B D	С
Phosphoric Acid, 10%	A	Α	A	_	A	Α	Rosin Oil A D	A
Phosphoric Acid, 10-85%	С	Α	Α	_	Α	Α	Rotenone and Water A A	A
Phosphorous Tricholride	D	Α	Α	_	-	Α	Rum FDA 1	UBE
Pickling Solution	С	С	В	_	Α	С	Sal Ammoniac (Ammonium Chloride) A A	A
Picric Acid, Molten	С	С	С	_	Α	С	Salicylic Acid D A	Α
Picric Acid, Water Soln.	В	В	С	_	Α	A	Salt Water (Sea Water) A A	A
Pinene	A	D	A	_	A	D	Sewage A C	A
Pine Oil	C	D	В	_	Α	D	Silicate of Soda (Sodium Silicate) A A	A
Piperdine	D	D	D	_	Α	D	Silicate Esters B D	A
Pitch	В	D	C	_	A	D	Silicone Greases A A	A
Plating Solution, Chrome	В	A	В	_	A	A	Silicone Oils A A	A
Plating Solution, Others	В	A	В	D	_	A	Silver Nitrate A A	A
Polyvinyl Acetate Emulsion (PVA)	С	A	С	_	Α	A	Skelly Solvent A D	A
Polyethylene Gycol	A	A	A	_	A	A	Skydrol Hydraulic Fluids D A	D
Polypropylene Glycol	A	A	A	_	A	A	Soap Solutions A A	A
Potassium Bicarbonate	Α	A	Α	_	Α	A	Soda Ash (Sodium Carbonate) A A	A
Potassium Bisulfate	A	A	A	_	A	A	Soda, Caustic (Sodium Hydroxide) B A	D
Potassium Bisulfite	A	A	A	_	A	A	Soda, Lime B A	C
Potassium Cabonate	A	A	A	_	A	A	Soda Niter (Sodium Nitrate) A A	A
Potassium Chloride	A	A	A	_	A	A	Sodium Acetate D B	D
Potassium Chromate	D	В	A	_	A	A	Sodium Aluminate A A	A
Potassium Cyanide	A	A	Α	_	Α	A	Sodium Bicarbonate A A	A
Potassium Dichromate	D	В	A	_	A	A	Sodium Bisulfate A A	A
Potassium Hydrate	В	A	C	_	A	A	Sodium Bisulfite A A	A
Potassium Hydroxide	С	A	C	С	A	A	Sodium Borate A A	A
Potassium Nitrate	A	A	A	_	A	A	Sodium Carbonate A A	A
Potassium Permanganate	D	Α	Α	_	Α	A	Sodium Chloride A A	A
Potassium Silicate	A	A	A	_	A	A	Sodium Chromate D B	C
Potassium Sulfate	Α	Α	Α		Α	Α	Sodium Cyanide A A	A
Potassium Sulfide	A	A	A		A	A	Sodium Dichromate D B	C
Potassium Sulfite	A	A	A		A	A	Sodium Fluoride A A	A
Producer Gas	A	D	A			D	Sodium Hydroxide C A	C
Propanediol	A	A	A	_	 A	A	Sodium Hypochlorite D A	A
Propyl Acetate	D	В	D	_	A	В	Sodium Metaphosphate A A	A
			_	_	_	А		-
Propyl Alcohol (Propanol)	A D	A B	A D	_	A	В		A
Propyl Aldehyde		С		_		С		A
Propyl Chloride	D	-	В	_	A	-		A
Propylene Dichloride	D	D	В	_	Α	D	Sodium Peroxide C A	A
Propylene Glycol	A	A	A		Α	A	Sodium Phosphate B A	A
Pydraul Hydraulic Fluids	D	В	C	_	Α	В	Sodium Silicate A A	A
Pyranol	C	D	A	_ _	_	D	Sodium Sulfate A A	A
Pyridine	D	В	D D	D	A	В	Sodium Sulfide A A **Butvl includes Bromobutvl and Chlorobutvl	A

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
Pyroligneous Acid	С	В	А	-	_	В
Pyrrole	D	С	С	_	_	В
Rape Seed Oil	В	В	Α	-	Α	Α
Red Oil (Crude Oleic Acid)	В	В	В	-	Α	В
Richfield A Weed Killer, 100%	D	D	С	-	Α	D
Richfield B Wedd Killer, 33%	В	D	С	-	Α	В
Rosin Oil	А	D	Α	-	_	D
Rotenone and Water	А	Α	Α	_	_	Α
Rum	F	DA T	UBE	REQ	UIRE	D
Sal Ammoniac (Ammonium Chloride)	А	Α	Α	_	_	
Salicylic Acid	D	Α	Α	-	Α	
Salt Water (Sea Water)	Α	Α	Α	Α	Α	
Sewage	Α	С	Α	_	Α	
Silicate of Soda (Sodium Silicate)	А	Α	Α	_	Α	
Silicate Esters	В	D	Α	_	_	
Silicone Greases	Α	Α	Α	_	Α	
Silicone Oils	А	Α	Α	_	Α	
Silver Nitrate	A	Α	A	Α	A	
Skelly Solvent	A	D	Α	_	_	
Skydrol Hydraulic Fluids	D	Α	D	_	A	
Soap Solutions	A	Α	A	В	Α	
Soda Ash (Sodium Carbonate)	A	Α	A	_	A	
Soda, Caustic (Sodium Hydroxide)	В	Α	D	_	A	
Soda, Lime	В	A	C	_	A	
Soda Niter (Sodium Nitrate)	A	Α	A	_	Α	
Sodium Acetate	D	В	D		A	
Sodium Aluminate	A	A	A		Α	
Sodium Aluminate  Sodium Bicarbonate	A	A	A	A	A	
Sodium Bisulfate	A	A	A	A	A	
Sodium Bisulfite	A	A	A	_ A	A	
Sodium Borate						
	A	Α	Α	Α	Α	
Sodium Carbonate	A	Α	Α	A	Α	
Sodium Chloride	A	A	A	В	A	
Sodium Chromate	D	В	C	_	A	
Sodium Cyanide	A	A	A	_	A	
Sodium Dichromate	D	В	C	_	A	
Sodium Fluoride	A	Α	Α	-	Α	
Sodium Hydroxide	C	Α	C	A	Α	
Sodium Hypochlorite	D	Α	Α	В	Α	
Sodium Metaphosphate	A	Α	Α	_	Α	
Sodium Nitrate	С	Α	Α	D	Α	
Sodium Nitrite	Α	Α	Α	-	Α	
Sodium Perborate	С	Α	Α	-	Α	
Sodium Peroxide	С	Α	Α	-	Α	
Sodium Phosphate	В	Α	Α	-	Α	
Sodium Silicate	А	Α	Α	Α	Α	
Sodium Sulfate	А	А	А	-	А	
Sodium Sulfide	А	Α	Α	Α	Α	

\*PTFE includes Tuf-Flex®, GYLON BIO-PRO® and GYLON® BIO-PRO PLUS™ | \*\*Butyl includes Bromobutyl and Chlorobutyl

# esistance

A = Good Resistance	B =	= Fai	r Re	sista	ince	C	=	Depends on Conditions   D = Not Re	com	men	ded	
	itrile			e)		*			itrile			
	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl*			Buna/Nitrile	EPDM	FKM	
Sodium Sulfite	Ā						$\ $	(Chlorinated Phenyl Base Askerels)	ā	Ш	立	L
Sodium Thiosulfate	A	A	A	A _	A	A	$\ $	Transmission Fluids - A	В	D	A	Γ
Soybean Oil	A	A	A	_	A	A	H	Transmission Fluids - B	С	D	A	l
Stannic Chloride				_		В	H		-			ŀ
	Α	В	A	_	Α		$\  \ $	Tricetin	В	A	D	ŀ
Stannic Sulfide	Α	Α	Α	_	Α	A	$\  \ $	Tributyl Phosphate	D	В	D	ŀ
Stannous Chloride	Α	Α	Α	_	Α	Α	H	Trichlorosthana	D	D	В	ŀ
Stannous Sulfide	A	A	A	_ _	Α	A	$\  \ $	Trichloroethane	D	D	A	ŀ
Stearic Acid	B	B D	A	B D	A	B D	H	Trichloroethylene	D D	D D	A	-
Stoddards Solvent		_	A	U			H	Trichloropropane	_	В	-	ŀ
Styrene Sugar Sola (Suarasa) Non EDA	D	D			Α	D C	H	Tricresyl Phosphate (TCP)	D		В	ŀ
Sugar Sols. (Sucrose) Non FDA	A	Α	A		Α		$\  \ $	Triethylene Glycol	A	A	A	ŀ
Sulfamic Acid	В	A	C	_	Α	A	$\  \ $	Trinitrotoluene (TNT)	D	D	В	ŀ
Sulfite Liquors	В	В	A	_	Α	A	$\  \ $	Triphenyl Phosphate	D	В	C	-
Sulfonic Acid	D	D	D	_	A	D	$\  \ $	Trisodium Phosphate	Α	A	A	ļ
Sulfur (Molten)	В	A	Α	_	Α	Α		Tung Oil	A	D	Α	ŀ
Sulfur Chloride	C	D	A	_	Α	D		Turbine Oil	В	D	Α	ļ
Sulfur Dioxide	С	С	A	_	Α	С	$\ $	Turpentine	В	D	Α	ļ
Sulfur Hexafluoride	Α	Α	Α	_	Α	Α	$\  \ $	2, 4D with 10% Fuel Oil	Α	D	Α	ļ
Sulfur Trioxide	С	С	Α	_	Α	С		Ucon Hydrolube Oils	Α	Α	A	ļ
Sulfuric Acid, 25%	В	_	Α	D	Α	В		Undecanol	Α	Α	В	ļ
Sulfuric Acid, 25-50%	D	_	Α	D	Α	Α		Unsymmetrical Dimethyl-Hydrazine (UDMH)	D	Α	D	ļ
Sulfuric Acid, Fuming	D	D	Α	D	Α	D		Uran	В	В	С	ļ
Sulfurous Acid	С	С	Α	D	Α	С		Varnish	В	D	Α	ļ
Tall Oil	Α	D	Α	_	Α	D		Vegetable Oils	Α	Α	Α	ļ
Tallow	Α	D	Α	_	Α	D		Versilube	Α	Α	Α	ļ
Tannic Acid	С	Α	Α	В	Α	Α		Vinegar	С	Α	Α	ļ
Tar	С	D	В	_	Α	D		Vinyl Acetate	D	В	Α	ļ
Tartaric Acid	С	В	Α	Α	Α	В		Vinyl Benzene	D	D	Α	
Terpineol	D	С	Α	_	Α	С		Vinyl Chloride (Monomer)	D	D	Α	ļ
Tertiary Butyl Alcohol	Α	Α	Α	_	Α	Α		Vinyl Ether	D	С	D	L
Tetrachlorobenzene	D	D	В	_	Α	D		Vinyl Toluene	D	D	Α	
Tetrachloroethane	D	D	Α	_	Α	D		Vinyl Trichloride	D	D	Α	ļ
Tetrachloroethylene	D	D	Α	_	Α	D		V.M. & P. Naptha	Α	D	Α	
Tetraethylene Glycol	Α	Α	Α	_	Α	Α		Water, Fresh (Non FDA)	Α	Α	Α	
Tetrachloromethane	С	D	Α	_	Α	D		Water, Salt	В	Α	Α	
Tetrachloronapthalene	D	D	В	_	Α	D		Whiskey, Wines	FI	DA T	UBE	F
Tetraethyl Lead	В	D	Α	_	Α	D		White Liquor	Α	С	Α	
Tetrahydrofuran (THF)	D	D	D	_	Α	D		White Oil	Α	D	Α	
Thionyl Chloride	D	D	В	_	Α	D		Wood Alcohol (Methanol)	Α	Α	D	
Tin Chloride	Α	Α	Α	В	Α	Α		Xylene (Xy101)	С	D	Α	
Tin Tetrachloride	Α	Α	Α	_	Α	Α		Xylidine	D	D	С	
Titanium Tetrachloride	В	С	Α	_	Α	D		Zeolites	С	Α	Α	
Toluene (Toluol)	С	D	Α	D	Α	D		Zinc Acetate	С	В	D	I
Toluene Diisocyanate (TDI)	С	Α	В	-	Α	Α		Zinc Carbonate	Α	А	Α	
Toxaphene	В	D	Α	-	_	D		Zinc Chloride	С	Α	Α	
Transformer Oils (Petroleum Base)	Α	D	А	-	Α	D		Zinc Chromate	Α	Α	Α	
Transformer Oils	D	D	Α	-	Α	D		Zinc Sulfate	Α	Α	Α	

	Buna/Nitrile	EPDM	FKM	Silicone	PTFE*	Butyl**
(Chlorinated Phenyl Base Askerels)						
Transmission Fluids - A	В	D	Α	_	Α	D
Transmission Fluids - B	С	D	Α	-	_	D
Tricetin	В	Α	D	_	_	Α
Tributyl Phosphate	D	В	D	_	Α	В
Trichlorobenzene	D	D	В	-	Α	D
Trichloroethane	D	D	Α	-	Α	D
Trichloroethylene	D	D	Α	D	Α	D
Trichloropropane	D	D	Α	-	Α	D
Tricresyl Phosphate (TCP)	D	В	В	-	Α	Α
Triethylene Glycol	Α	Α	Α	-	Α	Α
Trinitrotoluene (TNT)	D	D	В	-	-	D
Triphenyl Phosphate	D	В	С	-	Α	Α
Trisodium Phosphate	Α	Α	Α	-	Α	Α
Tung Oil	Α	D	Α	-	Α	С
Turbine Oil	В	D	Α	-	-	D
Turpentine	В	D	Α	D	Α	D
2, 4D with 10% Fuel Oil	Α	D	Α	-	-	D
Ucon Hydrolube Oils	Α	Α	Α	-	Α	Α
Undecanol	Α	Α	В	-	Α	Α
Unsymmetrical Dimethyl-Hydrazine (UDMH)	D	Α	D	_	_	Α
Uran	В	В	С	_	_	В
Varnish	В	D	Α	_	Α	D
Vegetable Oils	Α	Α	Α	_	Α	Α
Versilube	Α	Α	Α	_	Α	Α
Vinegar	С	Α	Α	_	Α	А
Vinyl Acetate	D	В	Α	_	Α	Α
Vinyl Benzene	D	D	Α	_	Α	D
Vinyl Chloride (Monomer)	D	D	Α	_	Α	D
Vinyl Ether	D	С	D	_	-	D
Vinyl Toluene	D	D	Α	_	Α	D
Vinyl Trichloride	D	D	Α	_	Α	D
V.M. & P. Naptha	Α	D	Α	_	Α	D
Water, Fresh (Non FDA)	Α	Α	Α	В	Α	Α
Water, Salt	В	Α	Α	Α	Α	Α
Whiskey, Wines	F	DA T	UBE	REQ	ulre	D
White Liquor	Α	С	Α	_	_	В
White Oil	Α	D	Α	_	Α	D
Wood Alcohol (Methanol)	Α	А	D	_	Α	A
Xylene (Xy101)	С	D	A	D	Α	D
Xylidine	D	D	C	_	Α	D
Zeolites	С	A	A	_	_	C
Zinc Acetate	С	В	D	_	Α	A
Zinc Carbonate	A	A	A	_	A	A
Zinc Chloride	C	A	A	В	A	A
Zinc Chromate	A	A	A	_	A	A
Emo omomato	-11	- 1	-11		1	1

<sup>\*</sup>PTFE includes Tuf-Flex®, GYLON BIO-PRO® and GYLON® BIO-PRO PLUS™ | \*\*Butyl includes Bromobutyl and Chlorobutyl