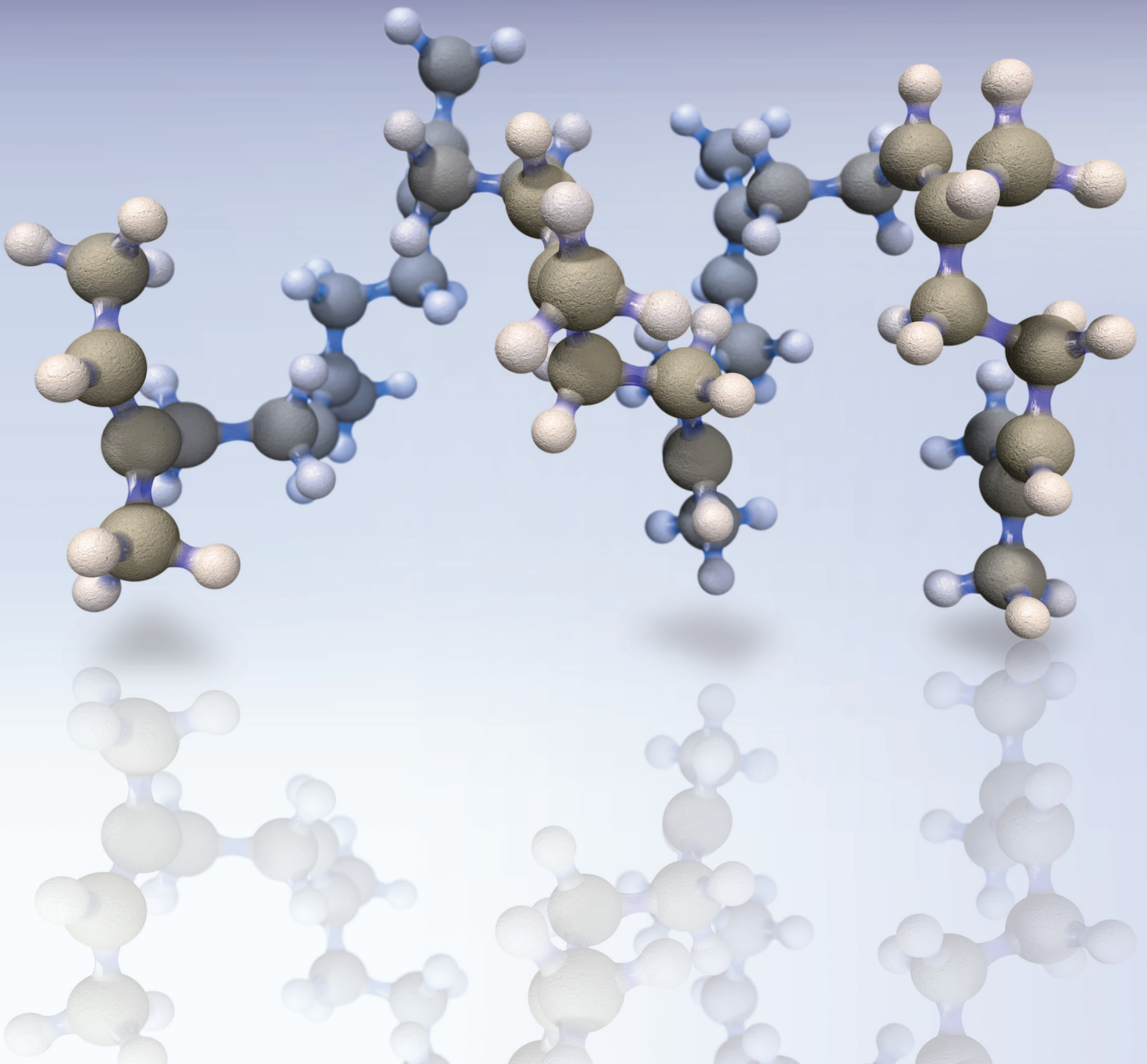




HOLZ
Rubber Company, Inc.

Elastomer Specification Tables





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- Mold design
- Turn-key solutions
- Injection / Compression / Transfer

Expansion Joints:

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- Ducting
- High temperature fabric
- Metallic

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HOW TO SELECT THE ELASTOMER BEST SUITED FOR THE CHEMICALS IN YOUR SYSTEM:

1. LOCATE THE SPECIFIC CHEMICAL in your system in the alphabetical chart of chemicals listed in Table 1.
2. SELECT THE BEST TUBE MATERIAL. Holz elastomer resistance ratings appear opposite each chemical. Refer to the "Key to Chemical Guide" on this page. Pick the elastomer or elastomers with the best rating(s). The elastomer name is listed at the head of each column.
3. REFER TO TABLE 2. "Material Code Selection Chart". SELECT THE SURROUNDING ATMOSPHERE AND DESIGN TEMPERATURE which most closely approximates your conditions. DETERMINE THE BEST MATERIAL CODE COMBINATION.

KEY TO CHEMICAL GUIDE

- A -- EXCELLENT:** Long service may be expected with little or no effect on elastomer-suitable for continuous service.
- B -- GOOD:** Good service may be expected but elastomer will be affected by the exposure-usually suitable for continuous or intermittent service.
- C -- CONDITIONAL:** Fair service may be expected if chemical exposure is limited or infrequent. Not recommended for continuous use but may give some service if it is the only elastomer available.
- X -- NOT RECOMMENDED.**
- -- INSUFFICIENT INFORMATION:** No data available at the time publication to determine an accurate rating, but not expected to perform better than rated compounds.

RATINGS AND CONDITIONS:

This "Chemical Recommendation Chart" is to be used only as a guide in selecting the most satisfactory combination of elastomers for resistance to various chem solution.

The specific rating found in this chart are based upon past field experience, the advice of various polymer suppliers and specific laboratory experiments. It must be stressed, however, that this information is offered only as a guide, and because of variables in actual service conditions, the accuracy of the ratings cannot be guaranteed. Actual service life can be determined only by the user evaluating the elastomer in actual service conditions.

CAUTION:

Ratings are based upon ambient temperature of 70° F. unless stated otherwise.
Higher temperatures increase the effect of all chemicals on elastomers. An elastomer that is suitable at room temperature might fail at elevated temperatures.

MEDIA PIPED/PUMPED		"TUBE" ELASTOMER											
CHEMICAL	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE			
Absolute Alcohol	A	X	A	A	A	A	A	B	A	A			
Acetaldehyde	C	X	C	X	A	C	A	X	A	A			
Acetamide	C	X	B	B	A	B	A	B	A	B			
Acetate of Lime	B	--	B	B	A	A	A	X	A	--			
Acetate Solvents	C	--	X	X	-	X	C	X	A	--			
Acetic Acid-Common	B	C	B	C	B	B	A	C	A	A			
Acetic Acid-Dilute	B	B	B	C	A	B	A	A	A	A			
Acetic Acid-Glacial	C	C	C	C	B	C	B	C	A	B			
Acetic Acid-Common10%1.8 BE	B	B	B	C	A	B	A	A	A	A			
Acetic Acid-20%	B	B	B	C	B	B	A	C	A	A			
Acetic Acid-30%, 5.4 BE	B	C	B	C	B	B	A	C	A	A			
Acetic Acid-50%, 7.9 BE	C	C	C	C	B	B	A	C	A	B			
Acetic Acid-99.5% Glacial	C	C	C	C	B	C	B	C	A	B			
Acetic Aldehyde	C	C	C	X	A	C	A	X	A	A			
Acetic Anhydride	C	B	B	B	B	A	B	X	A	C			
Acetic Ester	X	X	X	X	B	X	B	X	A	B			
Acetic Ether	X	X	X	X	B	X	B	X	A	B			
Acetic Oxide	C	B	B	C	B	A	B	X	A	C			
Acetidin	X	X	X	X	B	X	B	X	A	B			
Acetoacetic Acid	B	--	X	X	B	--	--	--	A	--			
Acetoacetic Ester	B	-	X	X	B	X	B	-	A	--			
Acetone	B	X	B	X	A	B	A	X	A	A			
Acetone Cyanhydrin	C	X	B	X	A	C	X	X	A	A			
Acetonic	B	X	B	X	A	B	A	X	A	A			
Acetonitrile	B	--	A	C	A	B	A	X	A	--			
Acetophenone	C	X	X	X	A	X	A	X	A	--			
Acetyl Acetic Acid	B	--	X	X	B	--	--	--	A	--			
Acetyl Acetone	C	B	X	X	B	X	A	X	A	--			
Acetyl Acetonic	C	B	X	X	B	X	A	X	A	--			
Acetyl Benzene	C	X	X	X	A	X	A	X	A	--			
Acetyl Chloride	X	-	X	X	C	X	C	X	C	B	A	A	C
Acetylene	A	--	B	A	A	B	A	X	A	A	A	C	
Acetylene Dichloride	X	--	X	X	C	X	--	--	A	A	--		
Acetylene Tetrabromide	X	--	X	X	X	--	--	--	A	A	--		
Acetylene Tetrachloride	X	--	X	X	X	X	X	X	A	A	C		
Acetyl Oxide	C	--	X	C	A	B	--	X	A	--			
Acetyl Propane	X	--	X	X	B	X	B	X	A	--			
Acrolein	B	--	--	B	A	B	--	A	A	--			
Acrylic Aldehyde	B	--	--	B	A	B	--	A	A	--			
Acrylonitrile	B	--	B	X	C	C	X	X	A	X			
Adipic Acid (Adipinic Acid)	A	--	X	B	X	--	--	--	A	--			
Adipic Ketone	X	--	--	X	X	X	--	X	A	--			
Agar-Agar	A	--	B	B	A	--	--	--	A	--			
Agricultural Lime	A	A	A	A	A	B	A	A	A	A			
Air	A	--	A	A	A	A	A	A	A	A			
Air Gas	C	A	B	A	B	B	C	A	A	B			
Airshow	--	--	--	B	X	--	--	--	A	--			
Air-Staked Lime	A	-	A	A	A	--	--	--	A	--			
Alcohol-Absolute	A	X	A	A	A	A	A	B	A	A			
Alcohol-Aliphatic	A	--	A	A	-	A	A	A	A	A			
Alcohol-aromatic	C	--	C	C	--	--	C	A	A	--			
Alcohol-Denatured	A	X	A	A	A	A	B	A	A	A			
Alcohol-Ethyl	A	X	A	A	A	A	A	B	A	A			
Alcohol-Grain	A	X	A	A	A	A	A	B	A	A			
Alcohol-Methyl	A	X	A	A	A	A	B	C	A	A			
Alcohol Ether	X	--	C	C	A	B	A	B	A	--			
Alcohol of Vinegar	A	B	B	C	A	B	A	A	A	A			
Aldehyde	C	C	C	X	A	C	A	X	A	A			
Alicyclic Hydrocarbon	X	B	X	B	X	X	X	A	A	X			
Aliphatic Hydrocarbon	X	B	B	A	X	B	X	A	A	X			

CHEMICAL	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Aliphatic Naphtha	X	--	X	C	X	B	--	A	A	--
Alkazene	X	B	X	X	X	X	A	A	A	--
Alk-Tri	X	--	--	X	X	X	--	A	A	--
Allomaleic Acid	B	--	B	C	X	B	--	A	A	B
Allyl Alcohol	A	--	A	A	A	A	A	B	A	--
Allyl Aldehyde	B	--	--	B	A	B	--	A	A	--
Allyl Bromide	X	--	X	X	X	X	--	B	A	--
Allyl Chloride	X	--	X	X	C	X	X	B	A	--
Allyl Phenyl Methyl Ether	X	--	--	X	X	X	--	B	A	--
Almond Oil, Artificial	X	X	X	X	B	X	B	X	A	C
Alpha Chloropropylene	X	--	X	X	X	--	--	--	A	--
Alpha Chlorotoluene	X	--	X	X	X	--	--	--	A	--
Alpha Hydroxypropionic Acid	A	--	B	B	A	--	--	--	A	--
Alpha Hydroxtoluene	X	--	X	X	A	--	--	--	A	--
Alum (also see type)	A	--	A	A	A	A	A	A	A	A
Alum-NH3-CR-K	A	--	A	A	A	A	X	A	A	A
Aluminum Acetate	A	--	B	C	A	B	A	X	A	X
Aluminum Acetate Solution	A	--	B	B	B	--	--	--	A	--
Alluminum Ammonium Sulfate	A	--	B	B	A	--	--	--	A	--
Aluminum Bromide	A	--	A	A	B	A	--	--	A	--
Aluminum chloride	A	B	A	A	A	A	A	A	A	B
Aluminum Fluoride	A	--	A	A	A	B	A	A	A	B
Aluminum Formate	X	--	--	X	B	X	--	X	A	--
Aluminum Hydroxide	A	--	A	B	A	B	A	C	A	--
Aluminum Nitrate	A	--	A	A	A	A	A	A	A	B
Aluminum Phosphate	A	--	A	A	A	A	A	A	A	A
Aluminum Potassium Sulfate	A	--	A	A	A	A	A	A	A	A
Aluminum Sodium Sulfate	A	A	A	A	A	A	A	A	A	A
Aluminum Sulfate	A	A	A	A	A	A	A	A	A	A
Aluminum Sulphate	A	A	A	A	A	A	A	A	A	A
American Ashes	A	--	A	A	A	A	A	A	A	--
Aminobenzene	X	C	C	X	A	C	B	A	A	B
Aminodimethylbenzene	X	--	X	X	B	--	--	--	A	--
Aminoethanol	B	C	B	B	A	B	B	C	A	B
Aminoethylethanolamine	B	--	--	B	A	B	--	--	A	--
Aminohexane	C	--	--	C	B	C	--	X	A	--
Aminopentane	C	--	X	C	B	C	X	X	A	--
Aminoxylene	X	--	X	X	B	X	C	C	A	X
Ammonia Alum	A	--	B	B	B	--	--	--	A	--
Ammonia-Anhydrous (liquid)	A	B	A	B	A	B	A	C	A	C
Ammonia Cupric Sulfate	C	--	--	A	A	A	--	A	A	--
Ammonia Gas (Cold)	A	--	A	A	A	A	X	A	A	A
Ammonia Gas (Hot)	C	--	B	C	C	C	C	X	A	A
Ammonia in Water	A	B	A	B	A	B	A	C	A	C
Ammoniak	A	A	A	A	A	A	A	A	A	B
Ammoniated Citric Acid	A	--	B	B	A	--	--	--	A	--
Ammoniated Latex	C	--	A	B	--	C	B	A	A	--
Ammonium Acetate	A	--	A	--	--	--	--	--	A	--
Ammonium Alum	A	--	B	B	A	--	--	--	A	--
Ammonium Bicarbonate	A	--	A	A	A	A	A	--	A	--
Ammonium Bifluoride-10%	X	--	X	B	X	--	--	--	A	--
Ammonium Carbonate	A	--	B	X	A	B	A	A	A	B
Ammonium Chloride	A	A	A	A	A	A	A	A	A	B
Ammonium Chromic Sulfate	A	--	A	A	A	--	--	--	A	--
Ammonium Dichromate	A	--	A	A	A	A	A	--	A	--
Ammonium Diphosphate	A	--	A	A	A	A	A	A	A	A
Ammonium Fluoride	B	--	B	B	A	--	--	--	A	--
Ammonium Fluoride Acid	X	--	X	B	X	--	--	--	A	--
Ammonium Hydrate-38%	A	--	A	A	A	--	--	--	A	--
Ammonium Hydroxide	B	A	B	B	A	A	A	A	A	A
Ammonium Hyposulfite	A	--	A	A	A	A	A	A	A	--
Ammonium Metaphosphate	A	--	A	A	A	A	A	A	A	--
Ammonium Muriate	A	A	A	A	A	A	A	A	A	B
Ammonium Nitrate	A	X	A	A	A	A	A	A	A	B
Ammonium Nitrite	B	--	A	A	A	A	A	--	A	B

CHEMICAL	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Ammonium Persulfate	A	X	A	C	B	A	B	A	A	--
Ammonium Phosphate, Dibasic	A	--	A	A	A	A	A	A	A	A
Ammonium Phosphate, Monobasic	A	--	A	A	A	A	A	A	A	A
Ammonium Phosphate, Tribasic	A	--	A	A	A	A	A	A	A	A
Ammonium Rhodanate	A	--	A	A	A	A	A	A	A	--
Ammonium Sulfate	A	A	A	A	A	A	A	A	A	A
Ammonium Sulfide	A	--	A	A	A	A	--	A	A	--
Ammonium Sulfite	A	--	--	A	A	A	--	A	A	--
Ammonium Sulphate	A	A	A	A	A	A	A	A	A	A
Ammonium Thiocyanate	A	--	A	A	A	A	A	A	A	A
Ammonium Thiosulfate	A	--	A	A	A	A	A	A	A	--
Amoil	X	--	--	X	A	X	--	C	A	--
Amyl Acetate	C	X	X	X	B	X	B	X	A	X
Amyl Acetic Ester	C	X	X	X	B	C	B	X	A	X
Amyl Acetone	X	--	--	X	B	X	--	X	A	--
Amyl Acid Aposphate	X	--	X	--	X	--	--	--	A	--
Amyl Alcohol	A	C	A	B	A	A	A	A	A	X
Amyl Amine	C	--	X	C	B	C	X	X	A	--
Amyl Borate	X	--	B	A	X	X	X	A	A	--
Amyl Bromide	X	--	X	X	X	X	X	A	A	--
Amyl Carbinol	B	X	B	A	B	A	C	B	A	B
Amyl Chloride	X	--	X	X	C	X	X	A	A	--
Amyl Chloronaphthalene	X	X	X	B	X	C	X	A	A	X
Amyl Ether	X	--	X	C	X	C	X	--	A	--
Amyl Hydrate	A	--	B	B	A	--	--	--	A	--
Amyl Hydride	X	--	B	A	X	B	X	A	A	--
Amyl Iodide	X	--	X	X	X	X	X	--	A	--
Amyl Naphthalene	X	X	X	X	X	X	X	A	A	X
Amyl Oleate	X	--	--	B	X	X	--	--	A	X
Amyl Phenol	X	--	--	X	X	X	--	A	A	--
Amyl Phthalate	X	--	--	X	A	X	--	C	A	--
Amylene	X	--	A	B	X	X	X	A	A	--
Anethole (Anethol)	X	--	--	X	X	X	--	B	A	--
Aniline, Aniline Oils	X	C	C	X	A	C	B	A	A	B
aniline Chloride	B	X	X	C	C	X	B	B	A	X
Aniline Dyes	B	X	B	C	A	B	A	A	A	A
Aniline Hydrochloride	A	X	X	C	C	X	B	B	A	X
Aniline Salts	B	X	X	C	C	X	B	B	A	X
Animal Fats	X	A	B	A	B	C	A	A	A	B
Animal Gelatin	A	A	A	A	A	A	A	A	A	A
Animal Glue	B	A	A	A	B	A	B	A	A	A
Animal Glycerin	X	--	--	A	B	--	B	A	A	B
Animal Grease	X	A	B	A	C	C	A	A	A	B
Animal Oils	X	--	--	A	B	X	--	A	A	--
Anise Camphor	X	--	--	X	X	X	--	B	A	--
Ansul Ether	X	B	X	C	C	C	C	X	A	X
Ant Oil	X	X	C	X	A	A	A	X	A	C
Antichlor	A	A	A	A	A	A	A	A	A	A
Antimonic Chloride	X	--	--	X	X	--	--	--	A	--
Antimonous Chloride	--	--	--	B	A	A	A	A	A	--
Antimony Chlorides	--	--	--	B	A	A	A	A	A	--
Antimony Pentachloride	X	--	--	X	X	--	--	--	A	--
Antimony Trichloride	--	--	--	B	A	A	A	A	A	--
Apple Acid	A	--	C	B	X	X	X	A	A	B
Aqua Ammonia	A	--	B	B	A	--	--	C	A	--
Aqua Regia	X	--	X	X	C	C	C	A	A	C
Arachidonic Acid	X	--	X	B	A	--	--	--	A	--
Arochlor (s)	X	--	X	C	C	C	C	A	A	B
Aromatic Hydrocarbons	X	X	X	C	X	X	X	A	A	X
Aromatic Spirits	X	--	--	C	X	--	--	A	A	--
Aromatic Tar	X	--	--	C	X	--	--	A	A	--
Aromatic Vinegar	A	B	B	C	A	A	A	A	A	A
Aro-Tox Spray	--	--	C	C	--	--	--	--	A	--
Arquads	A	--	--	A	A	--	--	A	A	--
Arsenic Acid	A	C	A	B	A	A	A	A	A	A

A - EXCELLENT B - GOOD C - CONDITIONAL X - NOT RECOMMENDED -- - INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
CHEMICAL										
Arsenic Butter	X	--	A	C	X	X	X	X	A	--
Arsenic Chloride	X	--	A	C	X	X	X	X	A	--
Arsenic Trichloride	X	--	A	C	X	X	X	X	A	--
Arsenous Chloride	X	--	A	C	X	X	X	X	A	--
Arsenous Trichloride	X	--	A	C	X	X	X	X	A	--
Artificial Vinegar	B	B	B	C	A	B	A	A	A	A
Askarel	X	X	C	B	X	B	X	A	A	C
Asphalt	X	B	B	A	X	B	X	A	A	X
ASTM-Ref: Fuel A	X	A	A	A	X	X	X	A	A	--
ASTM-Ref: Fuel B	X	B	C	A	X	X	X	A	A	--
ASTM-Ref: Fuel C	--	C	C	--	X	C	X	A	A	--
ASTM-Ref: #1 Oil	X	A	B	A	X	B	X	A	A	--
ASTM-Ref: #2 Oil	X	--	B	A	X	--	--	A	--	--
ASTM-Ref: #3 Oil	X	B	B	A	X	C	X	A	A	--
Astral Oil	X	C	B	A	X	C	X	A	A	X
Aviation Gasoline	X	--	C	A	X	X	X	A	A	--
Azole's	C	--	X	X	B	--	C	C	A	B
Baking Soda	A	--	A	A	A	A	A	A	A	A
Banana Oil	X	X	X	X	B	C	B	X	A	X
Bardol "B"	X	--	X	X	X	X	X	--	A	--
Barium Carbonate	A	--	A	A	A	A	A	A	A	--
Barium Chloride	A	A	A	A	A	A	A	A	A	A
Barium Hydrate	A	A	A	A	A	A	A	A	A	A
Barium Hydroxide	A	A	A	A	A	A	A	A	A	A
Barium Monohydrate	A	--	A	A	A	--	--	A	A	--
Barium Monosulfide	A	A	A	A	A	A	A	A	A	B
Barium Octahydrate	A	--	A	A	A	--	--	A	--	--
Barium Sulfate	A	A	A	A	A	A	A	A	A	B
Barium Sulfide	A	A	A	A	A	A	A	A	A	B
Barium Sulphide	A	A	A	A	A	A	A	A	A	B
Basic Iron Sulfate	A	--	A	A	A	--	--	A	A	--
Beer	A	A	A	C	A	A	A	A	A	A
Beet Sugar Liquors	A	X	A	A	A	A	A	A	A	A
Bengal Gelatin	A	--	B	B	A	--	--	A	--	--
Benzal Chloride	--	--	--	X	B	--	--	A	--	--
Benzalcohol	C	--	C	X	A	B	C	A	A	--
Benzaldehyde	X	X	X	X	B	X	B	X	A	C
Benzene	X	X	X	C	X	X	X	A	A	X
Benzene Carbanal	X	X	X	X	B	X	B	X	A	C
Benzene Carboxylic Acid	B	--	A	X	A	A	B	B	A	B
Benzene Methylal	X	X	X	X	B	X	B	X	A	C
Benzene Sulfonic Acid	X	--	A	C	X	A	C	A	A	--
Benzidam	X	C	C	X	A	C	B	A	A	B
Benzin	X	--	B	A	X	X	X	A	A	A
Benzine	X	--	B	A	X	X	X	A	A	A
Benzine Solvent	X	--	B	A	X	X	X	A	A	A
Benzoic Acid	B	--	A	X	A	B	B	A	A	B
Benzoic Aldehyde	X	X	X	X	B	X	B	X	A	C
Benzol	X	X	X	C	X	X	X	A	A	X
Benzol Hydride	X	X	X	X	B	X	B	X	A	C
Benzoline	X	--	B	A	X	X	X	A	A	A
Benzophenol	X	--	X	X	B	--	--	A	--	--
Benzotrchloride	--	--	--	X	--	--	--	A	--	--
Benzoyl Chloride	X	X	X	X	X	X	B	A	X	X
Benzyl Acetate	X	--	--	X	A	B	--	X	A	--
Benzyl Alcohol	C	--	C	X	A	B	C	A	A	--
Benzyl Benzoate	X	--	X	X	A	--	B	A	A	--
Benzyl Chloride	X	X	X	X	C	X	X	A	A	X
Betula Oil	X	--	X	X	B	--	C	B	A	--
Biborate of Soda	A	A	A	B	A	A	A	A	A	B
Bicarbonate of Soda	A	--	A	A	A	A	A	A	A	A
Bichloride of Mercury	B	--	B	A	A	A	A	A	A	A
Bichromate of Soda	--	--	--	--	A	C	--	--	A	--
Bephenyl	X	--	X	X	X	X	X	A	A	C
Bephenyl Oxides	X	--	X	X	X	C	X	A	A	C

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER										
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	
CHEMICAL											
Biphenyl Phthalate	X	--	--	X	A	X	--	C	B	A	--
Birch Oil	X	--	X	X	B	--	C	B	A	--	
Bismuth Carbonate	A	--	A	A	A	A	A	A	A	--	
Bismuth Subcarbonate	A	--	A	A	A	A	A	A	A	--	
Bismuthyl Carbonate	A	--	A	A	A	A	A	A	A	--	
Black Ash	A	--	A	A	A	A	A	A	A	A	
Black Liquor	B	--	A	B	A	A	A	A	A	A	
Black Liquor-Waste	X	--	B	A	X	C	X	A	A	--	
Black Sulfate Liquor	A	--	A	B	A	A	A	A	A	A	
Blanc Fixe, Synthetic	A	A	A	A	A	A	A	A	A	B	
Blast Furnace Gas	C	--	A	C	C	B	B	A	A	A	
Bleach Liquor	--	--	X	--	--	--	A	A	A	--	
Bleach Solutions	X	--	X	X	B	B	A	A	A	B	
Bleaching Powder	C	X	X	C	B	A	A	A	A	B	
Blown Linseed Oil	X	B	B	A	A	B	B	A	A	X	
Blue Copperas	C	A	A	A	A	A	A	A	A	A	
Blue Jack	C	A	A	A	A	A	A	A	A	A	
Blue Salts	A	A	A	A	A	A	A	A	A	A	
Blue Stone	C	A	A	A	A	A	A	A	A	A	
Blue Vitrol	C	A	A	A	A	A	A	A	A	A	
Boghead Naphtha	X	C	C	A	X	C	X	A	A	C	
Boiled Linseed Oil	X	B	B	A	A	B	B	A	A	X	
Boleic Acid	B	--	--	X	--	--	--	A	--	--	
Bone Oil	--	--	--	A	B	X	--	A	A	--	
Bone Tar	X	--	--	A	B	X	--	A	A	--	
Boracic Acid	A	A	A	A	A	A	A	A	A	A	
Borax	A	A	A	B	A	A	A	A	A	B	
Borax Decahydrate	A	--	B	A	A	--	--	A	--	--	
Bordeaux Mixture	A	--	A	A	A	A	A	A	A	B	
Boric Acid	A	A	A	A	A	A	A	A	A	A	
Brake Fluid-Vegetable	X	--	B	B	A	--	--	A	--	--	
Brandol	C	B	C	C	C	A	B	A	A	X	
Brandy	A	X	A	A	A	A	A	B	A	A	
Brine	A	A	A	A	A	A	A	A	A	A	
Bromallyene	X	--	X	X	X	X	--	B	A	--	
Bromine-Gas	X	X	X	X	X	C	X	B	A	C	
Bromine-Anhydrous	--	X	X	--	--	C	C	A	A	B	
Bromine Trifluoride	X	X	X	X	X	X	X	X	A	X	
Bromine Water	--	--	B	--	--	A	--	A	--	--	
Bromobenzene	X	X	X	X	X	X	X	B	A	X	
Bromochloromethane	X	--	X	X	B	X	B	C	A	--	
Bromoethylene	X	--	X	X	X	X	C	B	A	--	
Bromomethane	C	--	X	C	B	X	A	A	--	--	
Bromopentane	X	--	X	X	X	X	X	B	A	--	
Bromotoluene	X	--	--	X	X	X	--	B	A	--	
Bronzing Liquid	C	X	X	X	B	C	B	X	A	X	
Brown Acetate	B	--	B	B	A	A	A	X	A	--	
Bruceite	A	A	B	B	A	A	A	B	A	B	
Budium	--	--	--	--	--	--	--	--	A	--	
Bunker C	X	B	B	A	X	X	X	A	A	B	
Bunker Oil	X	B	B	A	X	X	X	A	A	B	
Burnt Allum	A	--	A	A	A	A	A	A	A	--	
Burnt Lime	A	--	A	A	A	A	A	--	A	--	
Burnt Potash	A	--	A	B	A	--	--	--	A	--	
Burow's Solution	A	--	B	B	B	--	--	--	A	--	
Butadiene	X	X	B	X	C	B	C	A	A	--	
Butanal (Butal)	X	C	C	X	B	C	B	X	A	C	
Butane	X	A	B	A	X	A	C	A	A	--	
Butanoic Acid	C	--	C	C	C	C	C	C	A	--	
Butanol	A	X	A	B	A	A	A	A	A	B	
Butanone	X	X	X	X	B	X	A	X	A	C	
Butarol	A	--	B	B	A	--	--	--	A	--	
1-Butene	X	--	A	--	X	--	X	A	A	--	
1-Butene, 2-Ethyl	X	--	B	--	X	--	X	A	A	--	
Butoxyethanol	X	--	C	B	A	B	A	C	A	--	

A - EXCELLENT B - GOOD C - CONDITIONAL X - NOT RECOMMENDED -- - INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED		"TUBE" ELASTOMER									
CHEMICAL	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	
Butter	X	A	B	A	A	A	A	A	A	A	
Butter of Antimony	--	--	--	B	A	--	A	A	A	--	
Butter of Tin	A	B	A	A	B	A	B	A	A	B	
Butter of Zinc	B	A	B	B	A	A	A	A	A	A	
Butyl Acetate	X	C	X	X	B	X	B	X	A	X	
n-Butyl Acetate	C	--	X	X	C	X	X	X	A	--	
Butyl Acetate Ricinoleate	X	--	X	X	X	--	--	--	A	--	
Butyl Acetoacetate	X	--	--	--	--	X	--	X	A	--	
Butyl Acetyl Ricinoleate	X	--	X	C	A	C	C	A	A	--	
Butyl Amine	X	--	X	X	C	X	X	X	A	A	
Butyl Alcohol	A	X	A	A	A	A	A	A	A	B	
Butyl (Normal) Alcohol	A	X	A	B	A	A	A	A	A	B	
Butyl (Secondary) Alcohol	A	X	A	A	A	A	A	A	A	B	
Butyl Aldehyde	X	C	C	X	B	C	B	X	A	C	
Butyl Amine	C	X	X	B	B	C	X	X	A	B	
Butyl Benzene	X	--	--	X	X	X	--	A	A	--	
Butyl Benzoate	--	--	X	--	A	X	B	A	A	--	
Butyl Benzyl Phthalate	X	--	--	X	A	X	--	C	A	--	
Butyl Bromide	X	--	--	X	X	X	--	B	A	--	
Butyl Butyrate	X	--	--	X	C	X	--	X	A	--	
n-Butyl, n-Butrate	--	--	X	--	--	--	--	A	A	--	
Butyl Carbitol	X	--	B	A	A	A	A	A	A	A	
Butyl Cellosive	X	--	C	B	A	B	A	C	A	--	
Butyl Chloride	X	--	--	X	C	X	--	A	A	--	
Butyl Ether	X	--	B	A	X	C	--	C	A	--	
Butyl Ethyl Acetaldehyde	X	--	--	X	B	X	--	X	A	--	
Butyl Ethyl Ether	X	--	--	B	X	B	--	--	A	--	
Butyl Formate	X	--	X	X	--	--	--	--	A	--	
Butyl Hydrate	A	X	A	A	A	A	A	A	A	B	
Butyl Hydride	X	A	B	A	X	A	C	A	A	--	
Butyl Hydroxide	A	X	A	A	A	A	A	A	A	B	
Butyl Iodide	X	--	X	X	--	--	--	--	A	--	
Butyl Methyl Ketone	--	--	--	--	--	--	--	--	A	--	
Butyl Oleate	X	--	X	--	B	X	B	A	A	B	
Butyl Oxide	X	--	B	A	X	C	--	C	A	--	
Butyl Phthalate	X	--	--	X	B	X	--	C	A	--	
Butyl Stearate	X	--	X	A	C	X	B	A	A	--	
Butyl Tertiary Alcohol	A	X	A	A	A	A	A	B	A	B	
Butylene	X	--	C	B	X	C	X	A	A	--	
Butyraldehyde	X	C	C	X	B	C	B	X	A	C	
Butyric Acid	C	--	C	C	C	C	C	C	A	--	
Butyric Alcohol	A	--	B	B	A	--	--	--	A	--	
Butyric Anhydride	C	--	--	C	C	B	--	--	A	--	
Butyrylone	X	--	--	X	B	X	--	X	A	--	
Butyronitrile	X	--	X	X	A	--	A	--	A	--	
Cadmium Acetate	X	--	--	X	A	A	--	X	A	--	
Cadmium Cyanide	--	--	A	--	--	--	--	--	A	--	
Cajeputene	X	--	X	C	X	X	X	A	A	--	
Cake Alum	A	--	A	A	A	--	--	--	A	--	
Calamine	B	--	B	B	A	A	--	A	A	--	
Calcine Liquor	--	--	--	A	A	--	--	--	A	--	
Calcium Acetate	B	--	B	A	A	A	A	X	A	--	
Calcium Aluminate	A	--	--	A	A	A	--	A	A	--	
Calcium Bichromate	--	--	--	--	A	C	--	--	A	--	
Calcium Bisulfate	A	A	A	A	A	A	A	A	A	B	
Calcium Bisulfite	C	A	A	A	B	A	C	A	A	C	
Calcium Bisulphite	C	A	A	A	B	A	C	A	A	C	
Calcium Carbonate	A	--	A	A	A	A	A	A	A	--	
Calcium Chlorate	A	--	A	A	A	A	A	A	A	--	
Calcium Chloride	A	A	A	A	A	A	A	A	A	A	
Calcium Fluorophosphate	--	--	A	--	--	--	--	--	A	--	
Calcium Hydrate	A	A	A	A	A	B	A	A	A	A	
Calcium Hydroxide	A	A	A	A	A	B	A	A	A	A	
Calcium Hypochlorite	C	X	X	C	B	A	A	A	A	B	
Calcium Monoxide	A	--	A	A	A	A	A	--	A	--	

A - EXCELLENT B - GOOD C - CONDITIONAL X - NOT RECOMMENDED -- - INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
CHEMICAL										
Chlorinated Diphenyl	X	X	C	B	X	B	X	A	A	C
Chlorinated Lime-35%	C	X	X	C	B	A	A	A	A	B
Chlorinated Salt Brine	B	--	X	--	A	--	--	A	A	--
Chlorinated Solvents (Wet or Dry)	X	--	X	X	X	X	X	A	A	X
Chlorinated Tar Camphor	X	--	X	X	X	--	--	A	A	--
Chlorine (Dry)	C	X	C	C	C	C	C	A	A	A
Chlorine (Wet)	X	X	X	X	C	X	X	A	A	B
Chlorine Aqueous	X	--	--	--	X	--	--	A	A	--
Chlorine Dioxide	X	--	X	X	X	B	C	A	A	C
Chlorine Gas, Dry	C	--	C	C	C	X	X	B	A	--
Chlorine Gas, Wet	X	--	X	C	C	X	X	C	A	--
Chlorine Peroxide	X	--	X	X	X	B	C	A	A	C
Chlorine Trifluoride	X	X	X	X	X	X	C	A	A	X
Chlorine Water-Saturated	X	--	X	C	X	B	C	A	A	--
Chlorine Water-3%	B	--	C	B	X	B	--	A	A	--
Chloroacetic Acid	X	X	X	X	C	B	B	A	A	C
Chloroacetone	X	--	C	X	C	B	X	B	A	--
Chloroacetonitrile	C	--	C	C	C	--	--	A	A	--
Chloroallylene	X	--	X	C	C	X	X	B	A	--
Chloroazotic Acid	X	--	X	X	C	B	C	A	A	C
Chlorobenzal	--	--	--	X	B	--	--	A	A	--
Chlorobenzene	X	X	X	X	X	X	X	A	A	X
Chlorobenzol	X	X	X	X	X	X	X	A	A	X
Chlorobromomethane	X	--	X	X	C	X	B	A	A	X
Chlorobutadiene	X	--	X	X	X	C	X	A	A	C
Chlorobutane (Chlorobutanol)	X	--	--	X	C	X	--	A	A	--
Chlorododecane	X	--	X	X	X	--	X	A	A	--
Chloroethane	C	--	X	X	B	X	C	A	A	--
Chloroethanoic Acid	X	X	X	X	C	B	A	A	A	C
Chloroethanol	C	--	B	X	B	B	A	B	A	C
Chloroethyl Alcohol	C	--	B	X	B	B	A	B	A	C
Chloroethylbenzene	X	B	X	X	X	X	X	A	A	--
Chloroform	X	C	X	X	X	X	X	A	A	C
Chloromethane (Chloroemethyl)	X	--	X	X	C	X	C	B	A	X
0-Chloronaphthalene	X	--	X	X	X	X	X	A	A	X
1-Chloro 1-Nitro Ethane	X	X	X	X	X	X	X	C	A	X
Chlorinated Hydrocarbons	X	--	X	X	--	X	X	A	A	--
Chloropentane	X	--	X	X	C	X	X	A	A	--
Chlorophenic Acid	X	--	X	X	X	X	X	B	A	--
0-Chlorophenol	X	--	X	X	X	X	X	B	A	--
Chloroprene	X	--	X	X	X	C	X	A	A	C
Chloropropanone	X	--	X	X	X	X	--	X	A	--
Chloropropene	X	--	X	X	C	X	X	B	A	--
Chloropropylene	X	--	X	X	X	--	--	A	A	--
Chloropropylene Oxide	X	--	X	X	C	C	B	X	A	--
Chlorosulfonic Acid	X	X	X	X	X	C	X	X	A	X
Chlorothene	X	--	--	X	X	X	--	A	A	--
Chlorotoluene	X	X	X	X	C	X	X	A	A	X
Chlorotrifluoroethylene	X	--	--	X	X	--	--	A	A	--
Chlorox	C	--	B	B	A	A	--	A	A	--
Chrome Alum	A	--	A	A	A	--	--	A	A	--
Chrome Ammonium Alum	A	--	A	A	A	--	--	A	A	--
Chrome Plating Solutions	X	X	X	X	C	C	X	A	A	B
Chromic Acid-to 25%	X	--	X	X	B	A	A	A	A	C
Chromic Acid-Over 25%	X	X	X	X	X	A	C	A	A	C
Chromicoat	X	--	X	--	--	--	--	A	A	--
Chromium Ammonium Sulfate	A	--	A	A	A	--	--	A	A	--
Chromium Potassium Sulfate	A	--	A	A	A	--	--	A	A	--
Chrysolepic Acid	C	B	C	C	C	A	B	A	A	X
Cinene	X	--	X	C	X	X	X	A	A	--
Circo Light Process Oil	X	--	B	A	--	--	--	A	A	--
Citric Acid	A	A	A	B	A	A	A	A	A	A
Citric Acid-Ammoniated	A	--	B	B	A	--	--	A	A	--
Citrous Oils	X	--	X	C	B	X	B	--	A	--
Cleaners Naphtha	X	--	X	B	X	--	--	A	A	--

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
CHEMICAL										
Coal Oil	X	C	B	A	X	C	X	A	A	X
Coal Tar-Bituminous	X	--	C	B	X	C	X	A	A	B
Coal Tar-Creosote	X	B	B	A	X	B	X	A	A	C
Coal Tar Naphtha	X	X	X	X	X	X	X	A	A	X
Cobalt Chloride (2N)	A	X	A	A	A	--	C	A	A	A
Coconut Oil (Butter)	X	A	B	B	A	B	A	A	A	A
Cod Liver Oil	X	A	B	B	A	B	A	A	A	B
Coke Oven Gas	C	--	C	C	C	A	X	A	A	A
Cologne Spirits	A	X	A	A	A	A	A	B	A	A
Colonial Spirit	A	X	A	A	A	A	B	C	A	A
Columbian Spirits	A	X	A	A	A	A	B	C	A	A
Colza Oil	X	B	B	B	A	B	A	A	A	X
Common Alum	A	--	A	A	A	A	A	A	A	A
Copper Acetate	--	--	B	B	A	B	A	--	A	--
Copper Arsenate, Basic	A	--	A	A	A	A	A	A	A	--
Copper Chloride	B	A	A	A	A	B	A	A	A	A
Copper Cyanide	A	A	B	A	A	B	A	A	A	A
Copper Hydrate	C	--	--	B	A	B	--	C	A	--
Copper Hydroxide	C	--	--	B	A	B	--	C	A	--
Copper Lasur	C	--	--	A	A	A	--	A	A	--
Copper Nitrate	B	--	A	A	A	A	A	A	A	--
Copper Nitrite	C	--	--	A	A	A	--	A	A	--
Copper Sulfate	C	A	A	A	A	A	A	A	A	A
Copper Sulfide	C	--	--	A	A	A	--	A	A	--
Copper Sulphate	C	A	A	A	A	A	A	A	A	A
Copperas Ferrous Sulfate	A	--	A	A	A	A	A	A	A	--
Copra	X	A	B	B	A	B	A	A	A	--
Corn Oil	X	A	B	A	A	B	A	A	A	A
Corn Syrup (Sugar)	B	A	B	B	A	A	A	A	A	A
Corrosive Sublimate	B	--	B	A	A	A	A	A	A	A
Cottonseed Oil	X	A	B	A	A	B	A	A	A	A
Cresol	X	X	X	C	X	B	X	A	A	C
Creosote-Wood Tar	X	--	B	A	X	X	X	A	A	C
Creosote-Coal Tar	X	B	B	A	X	B	X	A	A	C
Cresols	X	X	X	C	X	B	X	A	A	C
Cresyl Alcohol	X	X	X	C	X	B	X	A	A	C
Cresyl Hydrate	X	X	X	C	X	C	X	A	A	C
Cresylic Acid	X	X	X	C	X	C	X	A	A	C
Crotonaldehyde	X	--	--	X	A	X	--	X	A	--
Crude Oil	X	B	C	A	X	X	X	A	A	C
Cryolite	A	--	A	B	A	--	B	A	A	--
Cryolite, 10%	--	--	A	B	A	--	A	A	A	--
Crysoat F.H. Rinse	X	--	X	--	--	--	--	A	A	--
Crysoat H.C.	X	--	X	--	--	--	--	A	A	--
Crysoat L.T. & S.W.	X	--	X	--	--	--	--	A	A	--
Crystal Ammonia	--	--	A	A	A	--	--	A	A	--
Cubic Niter	B	--	B	C	A	A	A	A	A	C
Cubic Saltpeter	B	--	B	C	A	A	A	A	A	C
Cubric	B	--	B	C	A	A	A	A	A	C
Cumene	X	--	X	X	X	X	X	A	A	--
Cupric Acetate	--	--	B	B	A	B	A	--	A	--
Cupric Arsenate	A	--	A	A	A	A	A	A	A	--
Cupric Carbonate	C	--	--	A	A	A	--	A	A	--
Cupric Chloride	B	A	A	A	A	A	A	A	A	A
Cupric Cyanide	A	A	B	A	A	B	A	A	A	A
Cupric Hydroxide	C	--	--	B	A	B	--	C	A	--
Cupric Nitrate	B	--	A	A	A	A	A	A	A	--
Cupric Nitrite	C	--	--	A	A	A	--	A	A	--
Cupric Sulfate	C	A	A	A	A	A	A	A	A	A
Cupric Sulphate	C	A	A	A	A	A	A	A	A	A
Cupric Sulfide	C	--	--	A	A	A	--	A	A	--
Cyanomethane	B	--	A	C	A	B	A	X	A	--
Cyclohexane	X	B	X	B	X	X	X	A	A	X
Cyclohexanol	C	--	A	B	X	C	C	A	A	--
Cyclohexanone	X	--	X	X	C	X	C	X	A	--

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MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
CHEMICAL										
Cyclohexatriene	X	X	X	X	X	X	X	A	A	X
Cyclopentane	X	--	A	B	X	X	X	A	A	--
Cyclopentanol	X	--	--	B	X	X	--	B	A	--
Cyclopentanone	X	--	--	X	X	X	--	X	A	--
Cymene	X	--	X	C	X	X	X	A	A	X
D.B.P.	X	C	X	X	B	X	A	B	A	B
D.D.T. in Deodorized Kerosene	X	--	B	A	X	X	X	A	A	--
D.M.F.	X	--	X	X	B	--	--	A	--	--
D.M.P.	X	--	X	X	A	X	B	C	A	--
D.O.P.	X	--	X	X	B	--	--	A	--	--
Danforth's Oil	X	C	C	A	X	C	X	A	A	C
Decahydronaphthalene	X	X	X	X	C	X	X	A	A	--
Decalin (Deklin)	X	X	X	X	C	X	X	A	A	--
Decanal	X	--	--	X	C	X	X	X	A	--
Decane	X	B	X	B	C	X	C	A	A	B
Decanol	B	--	X	A	B	A	--	B	A	--
Decyl Alcohol	B	--	X	A	B	A	--	B	A	--
Decyl Aldehyde	X	--	--	X	C	X	--	X	A	--
Decyl Butyl Phthalate	X	--	--	X	A	X	--	C	A	--
Degreasing Fluid	X	--	X	X	C	X	X	A	A	--
Dehydrated Alcohol	A	X	A	A	A	A	A	B	A	A
Deionized Water	A	--	A	B	A	--	--	--	A	--
Denatured Alcohol	A	X	B	A	A	A	A	B	A	A
Detergent Solutions	B	A	B	A	A	A	A	A	A	A
Developing Fluids & Solutions	A	X	A	A	A	A	A	A	A	A
Dextronic Acid	X	--	--	C	C	B	--	--	A	--
Dextrose	B	A	B	B	A	A	A	A	A	A
Deacetic Acid	B	--	X	X	B	--	--	--	A	--
Diacetic Ester	B	--	X	X	B	--	--	--	A	--
Diacetic Ether	B	--	X	X	B	--	--	--	A	--
Diacetone	C	B	--	X	A	X	A	X	A	--
Diacetone Alcohol	B	B	B	X	A	B	B	C	A	A
Diacetylacetic Acid	B	--	X	X	B	--	--	--	A	--
Diamine (Diamidogen)	--	X	C	B	A	B	A	C	A	C
Diaminoethane	B	--	A	B	A	A	A	X	A	A
Diammonium Orthophosphate	A	--	A	A	A	A	A	A	A	A
Diamylamine	B	--	--	B	A	C	--	--	A	--
Diamylene	X	--	X	C	X	X	X	A	A	--
Diamyl Napthalene	X	--	--	X	A	X	--	C	A	--
Diamyl Phenol	X	--	--	X	X	X	--	A	A	--
Diatol	X	--	X	X	X	--	--	--	A	--
Dibenzyl Ether	X	B	X	X	B	X	C	C	A	--
Dibenzyl Sebecate	X	X	X	X	B	X	B	B	A	B
Dibromobenzene	X	--	--	X	X	X	--	A	A	--
1,2-Dibromoethane	X	--	X	X	X	X	C	B	A	--
Dibutyl	X	--	--	A	X	X	X	A	A	X
Dibutyl Acetate	--	--	X	--	--	--	--	--	A	--
Dibutyl Amine	B	--	X	C	A	C	X	B	A	C
Dibutyl Ether	X	B	C	B	X	C	C	C	A	X
Dibutyl Phthalate	X	C	X	X	B	X	A	B	A	B
Dibutyl Sebecate	X	X	X	X	B	X	B	B	A	B
Dicalcium Phosphate	A	--	--	A	A	A	--	--	A	--
Dichloroacetic Acid	B	--	--	X	C	X	--	X	A	--
O-Dichlorobenzene	X	X	X	X	X	X	X	A	A	X
Dichlorobutane	X	--	--	X	X	X	--	A	A	--
Dichloro-Difluoro Methane	X	A	B	B	C	C	B	B	A	X
Dichloroethane	X	--	X	X	C	X	--	A	A	--
Dichloroethanoic Acid	B	--	--	X	C	X	--	X	A	--
Dichloroether	X	--	--	X	X	X	--	--	A	--
Dichloroethylene	X	--	X	X	C	X	X	A	A	--
Dichloroethyl Ether	X	--	--	X	X	X	--	--	A	--
Dichloro Fluoro Methane	X	--	X	X	C	X	X	X	A	X
Dichlorohexane	X	--	--	X	X	X	--	--	A	--
Dichloro-Isopropyl Ether	X	B	X	X	C	X	C	C	A	X
Dichloromethane	X	X	X	X	X	X	C	B	A	--
Dichloropentane	X	--	--	X	X	X	X	A	A	--
Dichlorotetrafluoroethane	X	--	X	X	X	X	--	--	A	--
Dicyclohexylamine	X	--	X	X	X	X	B	X	B	A
Diethrin in Xylene	X	--	X	X	--	--	X	X	B	A
Diethrin in Xylene & Water Spray	X	--	B	B	--	X	X	B	A	--
Dieline	X	--	X	X	C	X	--	--	A	--
Diesel Oil	X	B	B	A	X	C	X	A	A	X
Diester Syn. Lub. Oil	X	--	X	X	X	--	--	--	A	--
Diethanol Amine	B	--	--	B	A	C	--	--	A	--
Diethyl Amine	B	C	A	C	A	C	C	C	A	B
Diethyl Benzene	X	X	X	X	X	X	X	A	A	X
Diethyl Carbinol	A	--	--	A	A	A	--	B	A	--
Diethyl Carbonate	X	--	X	X	X	--	--	--	A	--
Diethyl Ether	X	A	C	B	C	C	X	X	A	X
Diethyl Ketone	X	--	X	X	B	X	B	X	A	--
Diethyl Oxalate	C	--	X	X	C	X	X	--	A	--
Diethyl Oxide	X	A	C	B	C	C	X	X	A	X
Diethyl Phthalate	X	--	--	X	A	X	--	C	A	--
Diethyl Sebecate	X	--	X	X	B	C	B	A	A	B
Diethyl Sulfate	X	--	--	X	B	X	--	X	A	--
Diethyl Triamine	B	--	--	B	A	C	--	--	A	--
Diethylene Glycol	X	--	X	X	A	A	A	A	A	B
Diethylene Glycol-Dialkyl Ether	X	--	X	A	A	--	--	--	A	--
Diethylene Glycol-Monoalkyl Ether	X	--	X	A	A	--	--	--	A	--
Diethylene Glycol-Monobutyl Ether	X	--	B	A	A	A	A	A	A	A
Diethylene Glycol-Monoethyl Ether	X	X	B	B	A	B	B	A	A	B
Diethylene Oxide	X	--	X	X	A	X	A	X	A	X
Diethylene Triamine	B	--	--	B	A	C	--	--	A	--
Digallic Acid	A	A	A	C	B	A	B	A	A	B
Dihydroxydiethyl Amine	B	--	--	B	A	C	--	--	A	--
Dihydroxydiethyl Ether	A	--	B	A	A	A	--	--	A	--
Dihydroxyethyl Amine	B	--	--	B	A	C	--	--	A	--
Dihydroxypropane	A	--	--	A	A	A	A	A	A	--
Dihydroxysuccinic Acid	A	A	C	B	B	A	B	A	A	A
Diisobutyl Ketone	X	--	X	X	C	X	B	X	A	--
Diisobutylene	X	--	C	B	X	C	--	A	A	X
Diisodecyl Adipate	X	--	--	X	A	X	--	C	A	--
Diisodecyl Phthalate	X	--	X	X	A	X	A	C	A	--
Diisooctyl Adipate	X	--	--	X	A	X	--	C	A	--
Diisooctyl Phthalate	X	--	--	X	A	X	--	C	A	--
Di-isoprene	X	--	X	C	X	X	X	A	A	--
Diisopropanol Amine	B	--	--	B	A	C	--	--	A	--
Diisopropyl Amine	B	--	--	B	A	C	--	--	A	--
Diisopropyl Benzene	X	--	X	X	X	X	X	A	A	--
Diisopropyl Ether	X	--	X	B	X	C	X	--	A	--
Diisopropyl Ketone	X	--	X	X	B	X	A	X	A	--
Dilauryl Ether	X	--	--	B	--	B	--	--	A	--
Dimethyl Amine	B	--	--	B	A	X	C	--	A	--
Dimethyl Aniline	X	--	X	X	B	X	B	C	A	X
Dimethyl Benzene	X	C	X	C	X	X	--	A	A	X
Dimethyl Carbinol	A	X	A	B	A	A	B	A	A	A
Dimethyl Ether	X	--	--	A	C	B	--	--	A	--
Dimethyl Formamide	X	--	X	C	B	X	--	A	A	A
Dimethyl Ketal	B	X	C	X	A	B	A	X	A	A
Dimethyl Ketone	B	X	C	X	A	B	A	X	A	A
Dimethyl Methane	X	B	B	A	X	B	X	A	A	C
Dimethyl Phenol	X	--	--	X	X	X	--	A	A	--
Dimethyl Phthalate	X	--	X	X	A	A	B	C	A	--
Dimethyl Sulfate	X	--	--	X	B	X	--	X	A	--
Dimethyl Sulfide	X	--	--	X	C	C	--	--	A	--
Dinitrobenzene	X	--	--	X	C	X	--	--	A	--
Dinitrotoluene	X	--	X	X	X	X	X	B	A	B

A - EXCELLENT B - GOOD C - CONDITIONAL X - NOT RECOMMENDED -- - INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED		"TUBE" ELASTOMER									
CHEMICAL	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE	
Monomethyl Aniline	X	--	X	X	X	X	X	C	A	--	
Monomethyl Ether	C	--	B	A	A	--	A	A	A	--	
Monosodium Acid Methanearsen:	--	--	A	--	A	--	--	--	A	--	
Monovinyl Acetate	X	--	X	X	--	--	--	--	A	--	
Monovinyl Acetylene	B	--	B	A	A	B	A	A	A	B	
Monsell's Salt	A	A	A	A	A	A	A	A	A	B	
Morea Premic	A	--	--	--	A	--	--	--	A	--	
Morrhua Oil	X	A	B	B	A	B	A	A	A	B	
Mosaic Gold	A	--	--	A	A	A	--	--	A	--	
Motor Spirits	X	B	B	B	X	B	X	A	A	X	
Muriate of Ammonia	A	A	A	A	A	A	A	A	A	B	
Muriatic Acid	A	--	X	X	C	B	C	A	A	--	
Mustard Gas	A	--	A	--	A	A	A	A	A	A	
Muthmann's Liquid	X	--	X	X	X	--	--	--	A	--	
Naphtha	X	C	C	A	X	C	X	A	A	C	
Naphtha-Coal Tar	X	X	X	X	X	X	X	A	A	X	
Naphthalene (Naphthaline)	X	B	X	X	X	X	X	A	A	X	
Naphthenic Acid	X	--	--	B	X	--	X	A	A	--	
Naphthylbenzene	X	--	X	X	X	--	--	--	A	--	
Natural Gas	C	B	A	A	C	A	C	A	A	B	
Havee	--	--	--	C	--	--	--	--	A	--	
Neet's Foot Oil	X	--	--	A	B	--	B	A	A	B	
Neohexane	X	--	--	A	X	X	--	A	A	--	
Neosol	A	--	A	A	A	--	--	C	A	--	
Neu-Tri	X	--	--	X	X	X	--	A	A	--	
Neville Acid	X	--	C	C	B	--	B	A	A	--	
Nevoll	X	--	C	C	A	--	--	B	A	--	
Nickel Acetate	A	--	B	B	A	A	A	A	A	--	
Nickel Ammonium Sulphate	--	--	A	--	--	--	--	A	A	--	
Nichel Chloride	A	--	A	A	A	A	A	A	A	A	
Nickel Nitrate	A	--	A	A	A	A	A	A	A	--	
Nickel Salts	A	--	A	A	A	--	--	--	A	--	
Nickel Sulfate	A	A	A	A	A	A	A	A	A	A	
Nickelous Sulfate	A	A	A	A	A	A	A	A	A	A	
Nicotine Bentonite	A	--	A	A	A	--	--	C	A	--	
Nicotine Sulfate	A	--	A	A	A	--	--	C	A	--	
Niter-Potassium Nitrate	A	A	A	A	A	A	A	A	A	A	
Niter-Sodium Nitrate	B	--	B	C	A	A	A	A	A	C	
Niter Cake	A	--	A	A	A	A	A	A	A	A	
Nitran 2&3	B	--	B	B	B	--	--	C	A	--	
Nitratine	B	--	B	C	A	A	A	A	A	C	
Nitric Acid-10%,7.5 BE	X	C	B	X	A	A	B	A	A	B	
Nitric Acid-25%	X	C	C	X	B	A	B	A	A	C	
Nitric Acid-35%,26.0 BE	X	C	X	X	C	A	C	A	A	C	
Nitric Acid-50%	X	C	X	X	C	B	X	A	A	X	
Nitric Acid-69%,42.1 BE	X	X	X	X	X	B	X	B	A	X	
Nitric Acid-86%,46.5 BE	X	X	X	X	X	X	X	B	A	X	
Nitric Acid-Concentrated	X	X	X	X	X	B	X	B	A	X	
Nitric Acid-Crude	X	--	X	X	C	C	--	A	A	X	
Nitric Acid-Dilute	X	C	B	X	A	A	A	A	A	B	
Nitric Acid-Red Fuming	X	X	X	X	X	X	X	B	A	X	
Nitrobenzene	X	X	X	X	C	X	C	A	A	C	
Nitrobenzine	--	--	X	--	C	X	C	A	A	--	
Nitrocalcite	A	X	A	A	A	A	A	A	A	B	
Nitrocarbol	A	--	C	X	A	C	A	C	A	B	
Nitroethane	B	--	C	X	B	B	B	C	A	C	
Nitrogen	A	A	A	A	A	A	A	A	A	A	
Nitrogen Fertilizer Solution	A	--	B	B	B	--	--	--	A	--	
Nitrogen Tetroxide	X	--	X	X	B	X	C	C	A	C	
Nitrohydrochloric Acid	X	--	X	X	C	B	C	A	A	C	
Nitromethane	A	--	C	X	A	C	A	C	A	C	
Nitromuriatic Acid	X	--	X	X	C	B	C	A	A	C	
1-Nitropropane	C	--	C	X	B	--	A	C	A	C	
Nitrous Monoxide	A	--	--	A	A	--	--	--	A	--	
Nitrous Oxide	A	--	--	A	A	A	--	--	A	--	

A - EXCELLENT B - GOOD C - CONDITIONAL X - NOT RECOMMENDED -- - INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
CHEMICAL										
Ozone	X	A	B	X	A	A	A	A	A	A
Paint Thinner Duco	X	X	C	A	X	X	X	B	A	C
Painter's Naphtha	X	--	X	X	X	--	--	A	--	--
Palm Oil	X	--	C	A	B	B	--	A	A	--
Palmitic Acid	C	A	B	A	B	B	B	A	A	C
Paper Makers Alum.	A	--	A	A	A	A	--	A	A	--
Para San 10%	A	--	A	B	A	A	--	C	A	--
Paradichlorobenzene	X	--	X	X	X	X	X	A	A	--
Paradichlorobenzine	X	--	X	X	X	X	X	A	A	--
Paradichlorobenzol	X	--	X	X	X	X	X	A	A	--
Paradihydroxybenzene	C	--	X	X	X	--	--	A	--	--
Paraffins	X	--	--	A	X	X	X	A	A	--
Paraform	X	--	B	B	B	--	--	C	A	--
Paraformaldehyde	X	--	B	B	B	--	--	C	A	--
Paraldehyde	C	--	B	C	A	X	A	X	A	--
Paraxylene	X	C	X	C	X	X	X	A	A	X
Paris Green & Lime 37%	--	--	A	A	A	B	--	A	A	--
Patent Alum	A	--	A	A	A	A	A	A	A	A
Peanut Oil	X	B	B	A	C	B	C	A	A	A
Pear Alum	A	--	A	A	A	--	--	A	--	--
Pear Oil	C	X	X	X	B	C	B	X	A	X
Pearl Ash	A	--	A	A	A	A	A	A	A	--
Pelargonic Acid	X	--	--	A	A	X	--	--	A	--
Pentachlorodiphenyl	X	--	X	X	X	--	--	A	--	--
Pentachlorodiphenyl Oxide	X	--	X	X	X	--	--	A	--	--
Pentachloroethane	X	--	X	X	X	X	--	A	A	--
Pentachloroethylbenzene	X	--	X	X	X	--	--	A	--	--
Pentachlorophenol	X	--	X	X	A	--	X	A	A	--
Pentachlorophenylbenzoate	X	--	X	X	X	--	--	A	--	--
Pentadichlorodiphenyl Ketone	X	--	X	X	X	--	--	A	--	--
Pentahydroxy Hexoic Acid	X	--	--	C	C	B	--	--	A	--
Pentamethylene Amine	X	--	X	X	X	X	C	A	--	--
Pentane	X	--	B	A	X	C	X	A	A	--
n-Pentane, 2 Methyl, 3 Methyl	--	--	A	--	--	--	--	A	A	--
2,4-Pentane Dione	C	B	X	X	B	X	A	X	A	--
Pentanoic Acid	A	--	X	X	A	--	A	--	A	--
Pentanol	A	C	A	A	A	A	A	A	A	X
Pentanone	X	--	X	X	B	X	B	X	A	--
Pentasil	A	--	A	A	A	A	--	A	A	--
Pentasodium Triphosphate	X	--	X	X	A	--	--	A	--	--
Pentene	X	--	A	B	X	X	X	A	A	--
Pentene-2, 4-Methyl	--	--	B	--	--	--	--	A	A	--
Pentyl Amine	C	--	X	C	B	C	X	X	A	--
Pentyloxypentane	X	--	X	C	X	C	X	--	A	--
Perchloric Acid	A	--	A	X	B	A	B	A	A	X
Perchloroethylene	X	X	X	X	X	X	X	A	A	C
Perchloromethane	X	--	X	X	X	--	--	A	--	--
Permachlor	--	--	--	X	--	--	X	C	A	--
Peroxide-3%	B	--	B	B	B	B	B	A	A	A
Peroxide-10%	B	--	C	C	C	B	B	A	A	A
Peroxide-30%	C	--	X	C	C	C	B	A	A	A
Peroxide-90%	X	C	X	X	X	C	C	A	A	A
Peroxydol	B	--	B	B	A	A	A	A	A	B
Peroxohydrate	A	--	A	A	A	--	--	A	--	--
Peru Salt peter	B	--	B	C	A	A	A	A	A	C
Petrol	X	B	B	A	X	X	X	A	A	C
Petrolene	X	B	B	A	X	B	X	A	A	X
Petroleum-Below 250 F	X	B	B	A	X	C	X	A	A	B
Petroleum-Above 250 F	X	X	X	C	X	X	X	B	A	X
Petroleum-Crude	X	B	C	A	X	X	X	A	A	C
Petroleum Ether	X	B	B	A	X	X	X	A	A	C
Petroleum Naphtha	X	--	B	A	X	X	X	A	A	A
Petroleum Oils	X	--	B	A	X	X	--	A	A	--
Petroleum Pitch	X	B	B	A	X	B	X	A	A	X
Petroleum Spirit	X	--	B	A	X	X	X	A	A	A

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
CHEMICAL										
Petroleum Thinner	X	--	X	X	X	--	--	A	--	--
Phene	X	X	X	X	X	X	X	A	A	X
Phenetole (Phenetol)	X	--	X	X	X	X	X	C	A	--
Phenic Acid	X	C	C	X	B	C	C	A	A	X
Phenmethyol	C	--	C	X	A	B	C	A	A	--
Phenol	X	C	C	X	B	C	C	A	A	X
Phenol Polysiloxane	X	--	X	A	X	--	--	--	A	--
Phenol Sulfonic Acid	X	--	--	X	C	X	--	X	A	--
Phenol Trinitrate	X	--	X	X	X	--	--	--	A	--
Phenolates	X	--	X	X	X	--	X	--	B	A
Phenols	A	--	B	X	--	B	--	B	A	--
Phenoxide	X	--	X	X	--	--	--	B	A	--
Phenoxin	X	C	X	C	X	X	X	A	A	X
Phenoxybenzene	X	--	X	X	X	C	X	A	A	C
Phenyl Acetate	C	X	X	X	B	C	B	X	A	X
Phenyl Aldehyde	X	X	X	X	B	X	B	X	A	C
Phenyl Amine	X	C	C	X	A	C	B	A	A	B
Phenyl Benzene	X	--	X	X	X	X	X	A	A	C
Phenyl Bromide	X	X	X	X	X	X	X	B	A	X
Phenyl Carbinol	C	--	C	X	A	B	C	A	A	--
Phenyl Chloride	X	X	X	X	X	X	X	A	A	X
Phenyl Ethane	X	X	X	X	X	X	X	A	A	X
Phenyl Ether	X	--	X	X	X	C	X	A	A	C
Phenyl Ethyl Ether	X	--	X	X	X	X	X	C	A	--
Phenyl Formic Acid	B	--	A	X	A	B	B	A	A	B
Phenyl Hydrazine	A	--	X	X	C	C	C	A	A	--
Phenyl Hydride	X	X	X	X	X	X	X	A	A	X
Phenyl Hydroxide	X	C	C	X	B	C	C	A	A	X
Phenyl Methane	X	X	X	C	X	X	X	A	A	X
Phenyl Methyl Ketone	C	X	X	X	A	X	A	X	A	--
Phenylic Acid	X	C	C	X	B	C	C	A	A	X
Phorone	X	--	X	X	B	X	C	A	A	A
Phosphate Esters	X	--	X	X	A	X	C	A	A	A
Phospholeum	X	--	X	--	A	--	--	--	A	--
Phosphoric Acid-10%	A	A	B	A	A	A	A	A	A	C
Phosphoric Acid-20%	B	A	B	C	A	A	A	A	A	C
Phosphoric Acid-50%	C	A	B	X	B	B	B	A	A	C
Phosphoric Acid-85%	C	C	B	X	B	B	B	A	A	X
Phosphoric Acid-Concentrated	C	C	B	X	B	B	B	A	A	X
Phosphoric Acid-Crude	C	--	C	C	C	A	C	A	A	C
Phosphorous Oxichloride	X	--	X	--	X	X	--	--	A	--
Phosphorous Trichloride Acid	X	--	X	X	X	X	A	A	A	--
Photogen	X	C	C	A	X	C	X	A	A	C
Pickle Alum	A	A	A	A	A	A	A	A	A	A
Pickling Solution	C	C	C	--	C	A	C	B	A	--
Picric Acid (Molten)	C	B	C	C	C	A	C	A	A	X
Picric Acid, Water Solution	A	B	B	B	A	A	B	A	A	A
Picronitric Acid	C	B	C	C	C	A	B	A	A	X
Pimelic Ketone	X	--	X	X	X	--	--	--	A	--
Pinacol (Pinacolin)	A	--	A	A	A	A	C	A	A	--
Pine Oil	X	--	X	B	X	X	X	A	A	--
Pinene	X	B	X	B	X	X	X	A	A	X
Piperidine	X	--	X	X	X	X	X	C	A	--
Pitch	X	B	B	A	X	B	X	A	A	X
Plating Solution-Antimony	B	--	--	--	--	--	--	--	A	--
Plating Solution-Arsenic	B	--	--	--	--	--	--	--	A	--
Plating Solution-Brass	B	--	--	--	A	--	--	--	A	--
Plating Solution-Cadmium	A	--	B	B	A	--	--	--	A	--
Plating Solution-Chrome	X	--	X	X	A	C	A	A	A	C
Plating Solution-Copper	B	--	--	--	A	--	--	--	A	--
Plating Solution-Gold	B	--	--	--	A	--	--	--	A	--
Plating Solution-Iron	B	--	--	A	--	--	--	--	A	--
Plating Solution-Lead	A	--	B	B	A	--	--	--	A	--
Plating Solution-Nickel	B	--	--	--	--	--	--	--	A	--
Plating Solution-Others	A	--	A	A	A	A	A	A	A	C

A - EXCELLENT B - GOOD C - CONDITIONAL X - NOT RECOMMENDED -- - INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
CHEMICAL										
Plating Solution-Platium	--	--	A	--	--	--	--	--	A	--
Plating Solution-Silver	B	--	--	--	A	--	--	--	A	--
Plating Solution-Tin	--	--	--	--	A	--	--	--	A	--
Plating Solution-Zinc	B	--	--	--	A	--	--	--	A	--
Polyethylene Glycol	A	--	--	A	A	A	--	A	A	--
Polyformaldehyde	X	--	X	X	X	--	--	--	A	--
Polyoxymethylene	X	--	B	B	B	--	--	C	A	--
Polypropylene Glycol	A	--	--	A	A	A	--	A	A	--
Polyvinyl Acetate Emulsion	--	--	B	--	A	B	A	--	A	--
Potash	B	B	B	C	A	A	B	C	A	A
Potash-Alum	A	--	A	A	A	A	A	A	A	A
Potash-Caustic	B	B	B	C	A	A	B	C	A	A
Potassa	B	B	B	C	A	A	B	C	A	A
Potassium Acetate	B	--	B	B	A	B	A	B	A	--
Potassium Alum	A	--	A	A	A	A	A	A	A	A
Potassium Aluminum Sulfate	A	--	A	A	A	A	A	A	A	A
Potassium Bicarbonate	A	--	A	A	--	A	--	A	A	--
Potassium Bichromate	X	A	B	A	A	B	A	A	A	A
Potassium Bisulfate	A	--	A	A	A	A	--	A	A	--
Potassium Bisulfite	A	--	A	A	A	A	--	A	A	--
Potassium Borates	A	--	A	A	A	A	A	A	A	--
Potassium Bromide	A	--	A	A	A	A	A	A	A	--
Potassium Carbonate	A	--	A	A	A	A	A	A	A	--
Potassium Chlorate	A	--	A	A	A	A	A	A	A	--
Potassium Chloride	A	A	A	A	A	A	A	A	A	A
Potassium Chromate	--	--	--	--	B	C	--	--	A	--
Potassium Chromic Sulfate	A	--	A	A	A	--	--	--	A	--
Potassium Cupro Cyanide	A	A	A	A	A	A	A	A	A	A
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A
Potassium Dichromate	X	A	B	A	A	B	A	A	A	A
Potassium Hydrate	B	B	B	C	A	A	B	C	A	A
Potassium Hydroxide	B	B	B	C	A	A	B	C	A	A
Potassium Hypochlorite	C	--	C	X	C	B	--	--	A	--
Potassium Iodide	--	--	A	A	--	A	A	A	A	--
Potassium Muriate	A	A	A	A	A	A	A	A	A	A
Potassium Nitrate	A	A	A	A	A	A	A	A	A	A
Potassium Nitrite	A	A	A	A	A	A	A	A	A	A
Potassium Oxide	A	--	A	B	A	--	--	--	A	--
Potassium Permanganate	A	--	C	C	A	B	A	A	A	--
Potassium Phosphate	--	--	A	--	--	A	A	A	A	--
Potassium Silicate	A	--	A	A	A	A	A	A	A	--
Potassium Sulfate	A	A	A	A	A	A	A	A	A	A
Potassium Sulfide	A	A	A	A	A	A	A	A	A	A
Potassium Sulfite	A	--	A	A	A	A	A	A	A	--
Potassium Sulphate	A	A	A	A	A	A	A	A	A	A
Potassium Thiosulfate	A	--	A	A	--	A	--	A	A	--
Potato Oil	A	C	A	A	A	A	A	A	A	X
Potato Spirit	A	C	A	A	A	A	A	A	A	X
Prestone	A	B	A	A	A	A	A	A	A	A
Producer Gas	C	A	B	A	B	B	C	A	A	B
Propane	X	B	B	A	X	B	X	A	A	C
Propanediamine	B	--	--	B	A	C	--	--	A	--
Propanediol	A	--	--	A	A	A	A	A	A	--
Propanetriol	A	A	A	A	A	A	A	A	A	A
Propanol	A	X	A	B	A	A	B	A	A	A
2-Propanone	B	X	C	X	A	B	A	X	A	A
Propenal	B	--	--	B	A	B	--	A	A	--
Propene	X	--	X	X	X	X	X	A	A	--
Propene Oxide	--	--	X	--	B	X	B	--	A	X
Propenol	A	--	A	A	A	A	A	B	A	--
Propenyl Hydrate	A	A	A	A	A	A	A	A	A	A
Propenylisole	X	--	--	X	X	X	--	B	A	--
Propionic Acid	A	--	X	X	A	--	A	--	A	--
Propionitrile	A	--	B	X	A	--	A	X	A	--
Propyl Acetate	X	--	X	X	B	C	C	X	A	C

A - EXCELLENT B - GOOD C - CONDITIONAL X - NOT RECOMMENDED -- - INSUFFICIENT INFORMATION

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Trichlorotrifluoroethane	X	--	X	X	X	--	--	--	A	--
Tricresyl Phosphate	C	C	C	X	A	C	A	B	A	C
Tridecanol	A	--	--	A	A	A	--	B	A	--
Triethanol Amine	B	X	B	B	A	A	B	B	A	A
Triethyl Aluminum	X	--	X	X	--	--	--	B	A	--
Triethyl Amine	B	--	B	A	C	--	--	--	A	--
Triethyl Borane	X	--	X	X	--	--	--	A	A	--
Triethylene Glycol	A	--	--	A	A	A	--	A	A	--
Trifluorovinyl Chloride	X	--	--	X	X	--	--	--	A	--
Trihydroxybenzoic Acid	A	X	C	X	B	B	B	A	A	--
Trihydroxyethyl Amine	C	--	B	B	A	--	--	--	A	--
Trimethyl Methane	X	--	--	A	X	X	--	A	A	--
Trimethyl Pentane	X	B	B	A	X	B	X	A	A	X
Trimethylene Glycol	A	--	--	A	A	A	A	A	A	--
Trinidad Pitch	X	B	B	A	X	B	X	A	A	X
Trinitrophenol	C	B	C	C	C	A	B	A	A	X
Trinitrotoluene (Trinitrotoluol)	X	--	A	X	X	B	X	C	A	C
Trioctyl Phosphate	X	--	X	X	A	X	A	B	A	C
Triolein	X	--	C	B	B	--	--	--	A	--
Triphenyl Phosphate	X	--	--	X	A	C	--	C	A	--
Tripolyphosphate	X	--	X	X	--	--	--	--	A	--
Trisodium Phosphate	A	A	A	A	A	A	A	A	A	--
Tritolylphosphate	C	C	C	X	A	C	A	B	A	C
Trotyl	X	--	A	X	X	B	X	C	A	--
Tung Oil	X	B	B	A	B	B	C	B	A	C
Turbine Oil	X	--	B	B	X	B	X	A	A	--
Turpentine	X	X	C	A	X	X	X	A	A	C
Turpentine Substitute	X	--	X	X	X	--	--	--	A	--
Turps	X	--	X	A	X	--	X	A	A	X
Two Four D with 10% Fuel Oil	X	--	A	A	--	--	X	A	A	--
Ucon Hydrolube Oils	X	--	B	A	A	--	--	A	A	--
U.D.M.H.	--	--	B	C	A	A	A	X	A	C
Undecanol	A	--	--	A	A	A	--	B	A	--
Unslaked Lime	A	--	A	A	A	A	--	--	A	--
Unsymmetrical Dimethyl Hydrazil	--	--	B	C	A	A	A	X	A	C
Uran	B	--	B	B	B	--	--	--	A	--
Urea	A	--	B	B	A	A	--	--	A	--
Valeric Acid	A	--	X	X	A	--	A	--	A	--
Valerone	X	--	X	X	C	X	B	X	A	--
Varnish	X	--	C	B	X	C	X	A	X	--
Vegetable Oils	X	A	B	A	A	B	A	A	A	A
Versilube, F44 & F50	C	--	C	A	B	A	A	A	A	C
Vinegar	B	B	B	C	A	B	A	A	A	A
Vinegar Naphtha	X	X	X	X	B	X	B	X	A	B
Vinegar Salts	B	--	B	B	A	A	A	X	A	--
Vinyl Acetate	X	--	--	X	A	C	--	X	A	--
Vinyl Benzene	X	--	--	X	X	X	--	--	A	--
Vinyl Chloride	C	--	X	X	B	X	C	A	A	--
Vinyl Cyanide	B	--	B	X	C	C	X	X	A	X
Vinyl Ether	X	--	--	B	X	B	--	X	A	--
Vinyl Oxide	X	--	--	B	X	B	--	X	A	--
Vinyl Toluene	X	--	--	X	X	X	--	--	A	--
Vinyl Trichloride	X	--	X	X	X	X	--	--	A	--
Vinylene Chloride	X	X	X	X	C	X	B	B	A	C
Vitriol, Oil of	X	--	X	X	X	C	C	A	A	X
V.M. & P. Naphtha	X	--	B	A	X	X	X	A	A	A
Wagner 21B Fluid	--	--	A	C	B	B	A	X	A	C
Walnut Oil	X	--	B	A	--	--	--	--	A	--
Washing Soda	A	--	A	A	A	A	A	A	A	A
Water-Acid Mine	A	A	C	A	A	A	A	A	A	A
Water-Distilled, Lab., Ret.Cond.	A	A	C	A	A	A	A	A	A	C
Water-Fresh	A	A	B	A	A	A	A	A	A	A
Water-Seawater-River Water	A	A	B	B	A	A	A	A	A	A
Water Glass	A	A	A	A	A	A	A	A	A	A
Water Proofing Salt	A	--	B	B	B	--	--	--	A	--

MEDIA PIPED/PUMPED	"TUBE" ELASTOMER									
	NATURAL	URETHANE	NEOPRENE	BUNA-N	CHLOROBUTYL	HYPALON®	EPT/EPDM	VITON®	TEFLON®	SILICONE
Wax	X	--	A	A	X	A	X	--	A	--
Whiskey	A	A	A	B	A	A	A	A	A	A
White Caustic	A	C	B	B	A	B	A	B	A	C
White Copperas	A	--	A	A	A	A	A	A	A	A
White Lead Sulfate	A	--	A	B	A	A	--	A	A	--
White Liquor	A	--	A	A	--	A	A	--	A	--
White Oil	X	--	B	A	X	X	X	A	A	X
White Pine Oil	X	--	X	B	X	X	X	A	A	--
White Vitriol	A	--	A	A	A	A	A	A	A	A
Whiting	A	--	A	A	A	A	A	A	A	--
Wines	A	X	A	A	A	A	A	B	A	A
Wintergreen Oil	X	--	X	X	B	--	C	B	A	--
Wolmar Salts	--	--	A	--	--	--	--	--	A	--
Wood Alcohol	A	X	A	A	A	A	B	C	A	A
Wood Naphtha	A	X	A	A	A	A	B	C	A	A
Wood Oil	X	B	B	A	B	B	C	B	A	C
Wood Spirit	A	X	A	A	A	A	B	C	A	A
Wood Tar	X	X	X	B	X	X	X	A	A	C
Wood Vinegar	A	--	C	C	A	A	B	A	A	A
Wool Oil	B	--	A	A	--	--	--	--	A	--
WRV	X	A	X	X	X	X	X	A	A	A
Xylene	X	C	X	C	X	X	X	A	A	X
Xylidine's(Xylidin)	X	--	X	X	B	X	C	C	A	X
Xylidines,Mixed	X	--	X	X	X	--	--	A	C	A
Xylol	X	C	X	C	X	X	X	A	A	X
Xyol Stoddard Solvent	X	--	X	X	X	X	--	A	A	--
Zala	A	A	A	B	A	A	A	A	A	B
Zeolite (Zeolitic)	B	--	C	C	A	A	A	A	A	--
Zinc Acetate	A	--	C	C	A	B	A	C	A	X
Zinc Butter	B	A	B	B	A	A	A	A	A	A
Zinc Carbonate	A	--	--	A	A	A	--	A	A	--
Zinc Chloride	B	A	B	B	A	A	A	A	A	A
Zinc Chromate	--	--	--	--	A	C	--	--	A	--
Zinc Sulfate	A	--	A	A	A	A	--	--	A	A
Zinc Sulphate	A	--	A	A	A	A	A	A	A	A
Zinc Vitriol	A	--	A	A	A	A	A	A	A	A
Zirliite	A	--	A	B	A	B	A	C	A	--

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