

CHEMICAL RESISTANCE



E: Perfect

G: Suitable

F: Poor

U: Not Recommended

Material	Cast Iron	Stainless Steel	Bronze	Monel	EPDM	NBR	Viton	Natural Rubber
Acetone	G	E	E	E	G	U	U	U
Ammonia Gas 150' F	U	E	U		G			
Ammonium Phosphate	U	G	U	G	E	E		G
Ammonia Chloride %50 180'F	U	G	Y	G				
Ammonium Nitrate % 5 60' F	F	E	U	G		E		
Ammonium Sulphate	U	G	U	G	E	E	E	
Acetic Acid % 50 50' F	U	E	U	F	G	U		F
Asphalt	E	E	E	E		U	E	U
Sewage Water	U	E	E	E	E	G		
Copper Sulphate	F	E	U	U	E	E	E	G
Beer-beverage	U	E	U		E			
Butane	G	E	E	E	U	G	G	U
Borax	U	E	U	E		G		G
Boric Acid % 5 200' F	U	E	F	G	E	E		
Steam 300' F	U	E	G	E	E	U	U	U
Drilling Mud	G	E		E	U	E		U
Sea Water 70' F	U	G	G	E	E	G	E	
Diesel Fuels	F	E	G	E	U	E	E	
Natural Gas	G	E	E		U	E	E	U
Ethers	U	E	E	G	U	U		U
Alcohol Ethyl	U	E	E	E	E	G	G	G
Ethylene Oxide	G	E			U	U	U	U
Freon	F	E	E	E	U	G	G	U
Fuel Oil	F	E	E	G	U	F	E	U
Gasoline	F	E	G	G	U	E	E	U
Glucose	U	E	G	G		E	E	
Air	E	E	E	E	E	E		
Hydrochloride Acid %15 60' F	U	U	U	U	E	U	E	
Hydrochloride Acid %20	U	U	U	F		U	E	U
Hydrochloride Acid %20-60	U	G	U	E		U	G	U
Hydrochloride Acid %37, 60' F	U	U	U	U	U	U	E	U
Coffee/Food	U	E	U		E	U	E	E
Calcium Hypochlorite	-	G				F		
Olive Oil		E			G	E	E	U

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Calcium Carbonate 60' F	F			E	E	E	E	E
Calcium Chlorate %20		E		G				
Calcium Chlorate Solut	F	E	F		E	E	E	G
Calcium Sulphate	F	E	E	G	E	E	E	E
Carbon Dioxide	F	E	E		G	G	E	G
Carbonic Acid	U	G		G		E		
Kerosene	E	E	E	E	U	E	E	U
Lactic Acid % 5	U	G	U	G		F		
Metane	U	E	E		U	E	E	U
Alcohol Methyle	U	E	E	E	E	G	U	G
Fruid Juice/Food	U	E	Y		G	G		
Magnesium Chloride %4	F	G	F	G	E	E	E	E
Mineral Water	F	E	E	E	E	G		
Mineral Oil	F	F			U	E	E	U
Nitric Acid %40' less 70' F	U		U	U	U	U	E	U
Oxygene 200' F	U	U	U	U	U	U	F	U
Oxygene 300' F	E	E	E	E	E	G	E	F
Petroleum	U	G	F	G	U	E	E	U
Potassium Nitrate	F	E	F	G	E	E	E	E
Potassium Sulphate	U	E				E		
Propane	F	E	E		U	E	E	
Citrik Acide %5 ,150' F	U	E	F	G	E	G	E	U
Sodium Carbonate	U	E	G	E	E	E	E	E
Sodium Chlorite %30 , 180' F	U	E	E	E	E	E	E	E
Sodium Nitrate	U	E	G	G	E	G		G
Sulfuric Acid %10	U	G	U	U	E	U	E	F
Sulfuric Acid %50	U	U	U	U	F	U	E	U
Sulfuric Acid %90 , 70' F	U	U	U	U	U	U	E	U
Milk/Food	U	E			E	E	E	E
Wine and Whiskey	U	E	G	E	E	E		
Fresh Water	F	E	E	E	E	G		E
Brine-Sea Water	U			G	E	E		
Lubricating Oil	E	E	E	E	U	E	E	U