

# Resistance Guide

## Agricultural Tanks

Nomenclature	S = Satisfactory, it is suggested to use PEAD for this application		NS = No satisfactory, it is suggested to use PEAD for this application		ND = No data available				
	Concentration	Resistance to chemical attack		Suggested package type		Suggested Connection		Support (%)	
Chemical or solvent	(%)	68°F	140°F	v=viton	e=EPDM	PP=Polypropylene	Other	Temperature 68°F	Temperature 140°F
Acetone		S	S	¾	e	PP	¾	1,2	1,2
Alcohols from coconut oil		S	S	v	¾	pp	¾	1,2	1,2
Aluminum hydroxide		S	S	v	¾	pp	¾	1,5	1,5
Ammonia	Concentrated	S	S	¾	e	pp	¾	1,2	1,2
Ammonium chloride	Saturated	S	S	v	e	PP	¾	1,5	1,5
Ammonium nitrate	Saturated	S	S	v	e	PP	¾	1,5	1,5
Amyl alcohol	100%	S	S	v	e	pp	¾	1,2	1,2
Aniline	100%	S	NS	¾	e	pp	Stainless Steel.	1,2	NS
Barium hydroxide	up to 35%	S	S	v	e	pp	¾	1,5	1,5
Beer		S	ND	v	e	pp	¾	1,2	ND
Bleach	10%	S	S	v	¾	pp	¾	1,5	1,5
Bleaching agents		S	S	v	¾	pp	¾	1,5	1,5
Boric Acid	Concentrated	S	S	v	e	pp	¾	1,5	1,5
Bromic Acid		NS	NS	v	e	pp	¾	1,5	1,5
Calcium chloride	Saturated	S	S	v	e	pp	¾	1,5	1,5
Calcium nitrate	50%	S	S	v	e	pp	¾	1,5	1,5
Carbon dioxide	Saturated solution	S	S	v	e	¾	¾	1,2	1,2
Carbon dioxide	Aqueous solution	S	S	v	e	¾	¾	1,2	1,2
Carbolic Acid	Concentrated	S	S	¾	¾	¾	¾	1,2	1,2
Chlorinated water	2%	NS	NS	v	¾	pp	¾	1,2	1,2
Cider		S	S	v	¾	pp	¾	1,2	1,2
Citric Acid	Saturated	S	S	v	e	pp	¾	1,5	1,5
Common vinegar	Common	S	S	v	e	pp	¾	1,2	1,2
Copper nitrate	Saturated	S	S	v	¾	pp	¾	1,5	1,5
Cottonseed Oil		S	S	v	¾	pp	¾	1,2	1,2
Dextrin	Saturated	S	S	¾	¾	pp	¾	1,2	1,2
Dietilen glycol	Diluted	S	S	v	e	pp	¾	1,2	1,2
Ethyl alcohol/Ethanol	Any	S	S	v	e	pp	¾	1,2	1,2
Etilen Glycol	Saturated	S	S	v	e	pp	¾	1,2	1,2
Ferrosodium cyanide	Saturated	S	S	v	e	pp	¾	1,5	1,5
Formaldehyde	40%	S	S	v	e	pp	¾	1,5	1,5
Fruit pulp		S	S	v	¾	¾	¾	1,2	1,2
Glycol		S	S	v	e	pp	¾	1,5	1,5
Grape sugar	Saturated	S	S	v	e	pp	¾	1,5	1,5
Heptane		S	S	v	e	pp	¾	1,5	1,5
Hydrofluoric acid	up to Saturated	S	S	¾	¾	pp	¾	1,2	1,2
Hydrogen peroxide	90%	S	NS	v	¾	pp	¾	1,2	NS
Inks		S	S	¾	e	pp	¾	1,2	1,2
Lactic acid	10 - 90%	S	S	v	e	pp	¾	1,5	1,5
Magnesium hydroxide	Saturated	S	S	v	e	pp	¾	1,2	1,2
Methyl alcohol/Methanol	Any	S	S	¾	e	pp	¾	1,2	1,2
Milk		S	S	v	e	pp	¾	1,2	1,2
Mineral Oils		S	NS	v	¾	pp	¾	1,2	NS
Nickel nitrate	Concentrated	S	S	v	e	pp	¾	1,5	1,5
Nitric acid	Up to 30%	S	S	v	¾	pp	¾	1,5	1,5
Oils and Fatty Acids		NS	NS	¾	¾	¾	¾	1,2	1,2
Orange extract		S	S	v	e	pp	¾	1,2	1,2
Oxychloride	Sun bleaching	S	S	v	e	pp	¾	1,2	1,2
Photographic solutions		S	S	v	e	pp	¾	1,2	1,2
Potassium chromate	40%	S	S	v	e	pp	¾	1,5	1,5
Potassium thiosulfate		S	S	v	e	pp	¾	1,2	1,2
Propargyl alcohol		S	S	v	e	pp	¾	1,2	1,2
Propilen Glycol	50%	S	S	v	¾	pp	¾	1,2	1,2
Propyl alcohol		S	S	v	e	pp	¾	1,2	1,2
PSodium benzoate	35%	S	S	v	e	pp	¾	1,5	1,5
Sea water		S	S	v	e	pp	¾	1,2	1,2
SOAP solution	Concentrated	S	S	v	e	pp	¾	1,5	1,5
Sodium Acetate	Saturated	S	S	¾	e	pp	¾	1,2	1,2
Sodium chloride	Saturated	S	S	v	e	pp	¾	1,2	1,2
Starch solution	Saturated	S	S	v	e	pp	¾	1,2	1,2
Stearic Acid	100%	S	S	v	e	pp	¾	1,5	1,5
Synthetic detergents		S	S	v	e	pp	¾	1,2	1,2
UAN		S	NS	¾	¾	¾	¾	1,2	1,2
Urea	Up to 30%	S	NS	¾	¾	¾	¾	1,2	1,2
Urine		S	S	v	e	pp	¾	1,2	1,2
Vanilla		S	S	v	e	pp	¾	1,2	1,2
Whisky		S	S	v	e	pp	¾	1,2	NS
Wines		S	S	v	e	pp	¾	1,2	1,2
Yeast		S	S	v	e	pp	¾	1,2	1,2