Corrosion Chart for Kestner Special Materials

Medium	Keeplus Keebush	Tanitron	Medium	Keeplus Keebush	Tanitron	Medium	Keeplus Keebush	Tanitron
Acetic Acid 10%	S	S	Hydrochloric Acid 18%	S	NR	*Sodium Bromide	S	NR
Acetic Acid 25%	S	S	Hydrochloric Acid 25%	S	NR	*Sodium Carbonate 10%	LR	S
Acetic Acid 50%	LR	S	Hydrochloric Acid 37%	S	NR	*Sodium Carbonate 35%	LR	S
Acetic Acid 75%	LR	S	Hydrogen Peroxide	LR	S	*Sodium Chlorate	S	LR
Acetic Acid 80%	LR	S	Lactic Acid	S	LR	*Sodium Chloride	S	LR
*Acetone 10%	LR	S	*Lead Acetate	LR	S	*Sodium Chromate	S	S
*Acetone Max	NR	S	*Magnesium Carbonate	LR	S	*Sodium Cyanide	LR	S
*Alum	S	S	*Magnesium Chloride	S	LR	*Sodium Dichromate	S	S
*Aluminium Cloride	S	LR	*Magnesium Sulphate	S	S	*Sodium Ferricyanide	S	S
*Aluminium Potassium Sulphate	S	S	*Mercuric Chloride	S	NR	Sodium Hydroxide 5%	LR	NR
*Aluminium Sulphate	S	S	Mercury	S	NR	Sodium Hydroxide 10%	LR	NR
*Ammonium Bircarbonate	LR	S	Methyl alcohol	LR	S	Sodium Hydroxide 25%	LR	NR
*Ammonium Carbonate	LR	S	Methylene Chloride	NR	NR	Sodium Hydroxide 50%	LR	LR
*Ammonium Chloride	S	LR	Methyl Ethyl Ketone	NR	S	*Sodium Hypochlorite	S	LR
*Ammonium Nitrate	S	S	*Nickel Chloride	S	LR	*Sodium Nitrate	S	S
*Ammonium Persulphate	LR	S	*Nickel Nitrate	S	S	*Sodium Nitrite	S	S
*Ammonium Sulphate	S	S	Nickel Plating Sol.	S	S	*Sodium Othoposphate	LR	S
Aniline 100%	NR	S	*Nickel Sulphate	S	S	*Sodium Silicate	S	S
Benzene	NR	S	Nitric Acid 2%	S	S	*Sodium Sulphate	S	S
Benzene Sulfonic Acid	S	S	Nitric Acid 5%	LR	S	*Sodium Sulphide	S	S
Benzyl Alcohol	LR	S	Nitric Acid 15%	LR	S	*Sodium Sulphite	S	LR
Brine, Salt	S	LR	Nitric Acid 50%	LR	S	*Sodium Thiosulphate	LR	S
Butyl Alcohol	LR	S	Nitrobenzene	NR	S	*Stannic Chloride	S	LR
*Calcium Carbonate	S	S	Oleum	NR	NR	*Stannous Chloride	S	LR
Carbon Dioxide Gas (Dry)	S	S	Phenol 85%	NR	S	Stearic Acid	S	S
Carbon Monoxide Gas	S	S	Phosphoric Acid	S	S	Styrene	NR	—
Carbon Tetrachloride	LR	S	Phthalic Anhydride	S	S	Sulphur Dioxide (Dry & Wet)	S	NR
Chlorine Water	S	S	*Potassium Bircarbonate	LR	S	Sulphur Trioxide Gas	S	NR
Chloroacetic Acid	S	S	*Potassium Carbonate	LR	S	Sulphuric Acid 1%	S	LR
Chlorobenzene	NR	LR	*Potassium Chloride	S	S	Sulphuric Acid 5%	S	S
Chrome Plating Sol.	NR	S	*Potassium Dichromate	S	S	Sulphuric Acid 10%	S	S
Chromic Acid 10%	LR	S	*Potassium Ferrocyanide	S	S	Sulphuric Acid 25%	S	S
*Citric Acid	S	S	Potassium Hydroxide	LR	NR	Sulphuric Acid 50	S	S
*Copper Chloride	S	LR	*Potassium Cyanide	LR	S	Sulphuric Acid 70%	LR	S
Copper Cyanide	S	S	*Potassium Iodide	S	NR	Sulphuric Acid 75%	LR	S
*Copper Sulphate	S	S	*Potassium Nitrate	S	S	Sulphuric Acid Fumes	LR	S
Ethyl Alcohol	LR	S	*Potassium Permanganate	S	LR	Sulphorous Acid	LR	NR
Ethylene Dichloride	NR	S	*Potassium Persulphate	S	S	Thionyl Chloride	NR	—
*Ferric Chloride	S	NR	*Potassium Sulphate	S	S	Toluene	NR	S
*Ferric Nitrate	S	S	Pyridine	NR	S	Trichloroacetic Acid	S	S
*Ferric Sulphate	S	S	Salt, Brine	S	LR	Trichloroethylene	LR	S
Formaldehyde	LR	S	*Silver Cyanide	S	—	Triethylamine	LR	—
Formic Acid	LR	S	*Silver Nitrate	S	S	Water Distilled	LR	NR
Furfural 5%	LR	—	*Sodium Acetate	S	S	Water Sea	S	S
Furfural 100%	NR	—	*Sodium Aluminate	LR	S	Wine	S	NA
Glycerine	S	S	*Sodium Benzoate	LR	S	Xylene	LR	—
Heptaine	LR	—	*Sodium Bircarbonate	LR	S	*Zinc Chloride	S	NR
Hydrobromic Acid	LR	S	*Sodium Bisulphate	S	S	*Zinc Nitrate	S	S
Hydrochloric Acid 10%	S	NR	*Sodium Bisulphite	S	NR	*Zinc Sulphate	S	S

S = Satisfactory up to stable temperature of chemical or maximum temperature of material, whichever is the lesser.
LR = Resistance dependent on temperature
NR = Not recommended
NA = Not applicable
* = Aqueous solutions, all concentrations.

Whilst every effort has been made to verify the information in this brochure, no warranty can be given regarding the accuracy of the data given.