

Immersion Heaters ACID

CHEMISTRY	STEEL	304 STAINLESS	316 STAINLESS	TITANIUM	ZIRCONIUM	FLUOROPOLYMER	QUARTZ	BATH EFFICIENCY	SPECIFIC HEAT	DENSITY	MAXIMUM WATT DENSITY
Acetic Acid	-	-	-	-	✓	✓	✓	-	0.48	8.43	40
Acetic Anhydride	-	-	-	✓	-	✓	✓	-	-	-	40
Acid Sulfate	-	-	-	-	-	✓	✓	-	-	-	40
Actane 70, 80	-	-	-	-	-	✓	-	-	-	-	40
Actane Salt	-	-	-	-	-	✓	-	-	-	-	40
Alcorite	-	-	-	-	-	✓	✓	-	-	-	40
Alodine (Most formulas)	-	-	✓	-	-	-	-	-	-	-	40
Aluminum Acetate	-	✓	✓	✓	-	-	-	-	-	-	40
Aluminum Anodizing	-	-	-	-	-	✓	✓	-	-	-	40
Aluminum Chloride	-	-	-	✓	✓	✓	✓	-	-	-	40
Aluminum Sulfate	-	✓	✓	✓	✓	✓	✓	-	-	-	40
Ammonium Bifluoride	-	-	-	-	-	✓	-	-	-	-	
Ammonium Chloride	-	-	-	✓	-	✓	✓	-	-	-	40
Ammonium Persulfate	-	✓	✓	-	-	✓	✓	-	-	-	
Ammonium Sulfate	-	-	-	✓	✓	✓	✓	-	-	-	
Anodizing (Aluminum)	-	-	-	-	-	✓	✓	-	-	-	40
ARP 28, 80	-	-	-	-	-	✓	✓	-	-	-	40
Barium Chloride	-	-	✓	✓	-	✓	✓	-	-	-	40
Beer	-	✓	✓	✓	-	✓	-	-	-	-	40
Benzolc Acid	-	-	-	✓	✓	✓	✓	-	-	-	40
Black Nickel	-	-	-	-	-	✓	✓	75	-	-	20
Black Oxide (Low -Temp)	-	-	-	✓	-	✓	-	-	-	-	40

Boric Acid	-	-	-	✓	-	✓	-	-	-	-	40
Bright Nickel	-	-	-	✓	-	✓	✓	50	-	-	40
Brown Oxide	-	-	-	✓	-	✓	-	-	-	-	40
Burnite	-	-	-	-	-	✓	✓	-	-	-	40
Butyric Acid	-	-	-	✓	-	✓	-	-	0.51	8.05	40
Cadmium Black	-	-	-	-	-	✓	✓	-	-	-	40
Cadmium Fluoborate	-	-	-	-	-	✓	-	50	-	-	40
Calcium Chloride	-	-	-	✓	-	-	-	-	-	-	40
Calcium Hypochlorite	-	-	-	✓	-	✓	-	-	-	-	40
Carbonic Acid	-	-	✓	✓	-	✓	-	-	-	-	40
Chloride	-	-	-	✓	-	✓	✓	-	-	-	40
Chlorine/Wet	-	-	-	-	-	40 ✓	✓	-	-	-	40
Chlorosulfuric Acid	-	-	-	✓	-	✓	-	-	-	-	40
Chromic Acetate	-	-	-	-	-	✓	✓	-	-	-	40
Chromic Acid	-	-	-	✓	-	✓	-	-	-	-	40
Chromic Anodizing	-	-	-	-	-	✓	✓	-	-	-	40
Chromic Nickel	-	-	-	-	-	✓	✓	-	-	-	40
Chromium (Fluorides)	-	-	-	-	-	✓	-	-	-	-	40
Chromium (No Fluorides)	-	-	-	✓	-	✓	✓	-	-	-	40
Citric Acid	-	-	-	✓	-	✓	-	-	-	-	40
Clear Chromate	-	-	-	-	-	✓	✓	-	-	-	40
Cobalt Nickel	-	-	-	✓	-	✓	✓	50	-	-	40
Cobra Etch	-	-	-	-	-	✓	-	-	-	-	40
Copper Acid	-	-	-	-	-	✓	✓	50	0.9	9.69	40
Copper Bright Acid	-	-	-	-	-	✓	✓	75	0.9	9.69	40
Copper Fluoborate	-	-	-	-	-	✓	-	75	-	-	40
Copper Sulfate	-	-	-	✓	-	✓	✓	75	-	-	40
Deoxidizer (Etching)	-	-	-	-	-	✓	✓	-	-	-	40
Diversey 511, 514	-	-	-	-	-	✓	✓	-	-	-	40
Electroless Tin (Acid)	-	-	-	-	-	✓	✓	-	-	-	40

Electropolishing	-	-	-	-	-	✓	✓	-	-	-	40
Ethone 80 Acid	-	-	-	-	-	✓	-	-	-	-	40
Ferric Chloride	-	-	-	✓	-	✓	✓	-	-	-	40
Ferric Sulfate	-	✓	-	-	-	-	-	-	-	-	40
Fluoborate	-	-	-	-	-	40 ✓	-	-	-	-	
Formic Acid	-	-	✓	-	✓	✓	✓	-	0.53	9.35	40
Fruit Juices	-	-	✓	-	-	✓	✓	-	-	-	40
Gold-Acid	-	-	-	✓	-	✓	✓	-	-	-	
Grey Nickel	-	-	-	✓	-	✓	✓	50	-	-	
Hydrochloric Acid	-	-	-	-	✓	✓	✓	-	-	-	40
Hydrofluoric Acid	-	-	-	-	-	✓	-	-	-	-	40
Indium	-	-	-	-	-	✓	✓	-	-	-	40
Iridite (1, 2, 3, 4-C, 7, 8, 15)	-	-	-	-	-	✓	✓	-	-	-	40
Iron Fluoborate	-	-	-	-	-	✓	-	50	-	-	40
Isoprep Acid Salts	-	-	-	-	-	✓	-	-	-	-	40
Lactic Acid	-	-	✓	✓	✓	✓	✓	-	-	-	40
Manganese Chloride	-	-	✓	✓	-	✓	✓	-	-	-	40
McDermid 629 (contains F)	-	-	-	-	-	✓	-	-	-	-	40
Mercuric Chloride	-	-	-	✓	-	✓	-	-	-	-	
Methane Sulfonic Acid	-	-	-	-	-	✓	✓	-	-	-	40
Muriatic Acid	-	-	-	-	-	✓	✓	-	-	-	40
Nickel (Plating Solution) (Watts)	-	-	-	✓	-	✓	✓	-	-	-	40
Nickel Chloride	-	-	-	✓	-	-	-	50	-	-	40
Nitric Acid	-	-	-	✓	✓	✓	✓	-	-	-	40
Nitric Hydrochloric Acids	-	-	-	-	-	✓	✓	-	-	-	40
Nitric Phosphoric	-	-	-	-	-	-	✓	-	-	-	20
Oleic Acid	-	-	✓	-	-	✓	✓	-	-	-	40
Oxalic Acid	-	-	-	-	✓	✓	✓	-	-	-	40

Phosphoric Acid (No Fluoride)	-	-	-	✓	✓	✓	-	-	-	-	20
Potassium Acid Sulfate	-	-	-	-	-	✓	✓	-	-	-	-
Potassium Hydrochloric	-	-	-	-	-	✓	✓	-	-	-	40
Rhodium	-	-	-	-	-	✓	✓	-	-	-	40
Ruthenium	-	-	-	-	-	✓	✓	-	-	-	40
Sodium Bisulfate	-	-	✓	-	-	✓	✓	-	-	-	
Sodium Chloride	-	-	-	✓	-	✓	-	-	-	-	40
Sodium Dichromate (Hot Seal)	-	-	✓	-	-	-	-	-	-	-	40
Stannic Chloride	-	-	-	✓	✓	✓	-	-	-	-	40
Stanostar	-	-	-	-	-	✓	✓	-	-	-	40
Stearic Acid	-	-	✓	✓	-	✓	✓	-	-	-	40
Sulfamate Nickel	-	-	-	✓	-	✓	✓	25	-	-	40
Sulfur	-	-	-	-	-	✓	✓	-	-	-	40
Sulfur Peroxide	-	-	-	-	-	✓	✓	-	-	-	
Sulfuric Acid	-	-	-	-	✓	✓	-	-	0.84	9.6	40
Sulphamic Acid	-	-	-	-	-	✓	✓	-	-	-	40
Tin Plating (Acid) (Stanus/Sulphate)	-	-	-	-	-	✓	✓	-	-	-	40
Tin Plating Acid (Fluborate)	-	-	-	-	-	✓	-	-	-	-	40
Trioxide (Pickle)	-	-	-	-	-	✓	✓	-	-	-	40
Unichrome	-	-	-	-	-	✓	✓	-	-	-	40
Wood's Nickel Strike	-	-	-	-	-	✓	✓	50	-	-	Sludge 3"
Zinc Acid	-	-	-	✓	-	✓	-	-	-	-	40
Zinc Ammonium Chloride	-	-	-	✓	-	-	✓	-	-	-	40
Zinc Chloride	-	-	-	✓	✓	✓	-	50	-	-	-
Zinc Phosphate (Fluoride)	-	-	-	-	-	✓	-	-	-	-	20
Zinc Sulfate	-	-	✓	-	-	-	-	50	-	-	40