

ELECTROMAGNETIC FLOW METER CONDUCTIVITY CHARTS

**CONDUCTIVITY NORMALLY
>100 MICROMHOS/ CM**

Acetic Acid*	Coffee Extract	Nickel Nitrate, 10%
Aluminum Chloride, 80%	Cola Syrup	Nickel Sulfate
Aluminum Fluoride	Copper Nitrate, 35%	Nitric Acid (all conc.)
Aluminum Nitrate	Copper Ore Slurry	Oleum
Aluminum Potassium Sulfate	Copper Sulfate, 17%	Oxalic Acid (all conc.)
Aluminum Sulfate, 50%	Cream Cheese Mix	Phosphate Slurry
Ammonia	Cupric Chloride	Phosphoric Acid, 30%
Ammonium Bicarbonate, 50%	Cupric Nitrate, 50%	Phosphoric Acid, 80%
Ammonium Bifluoride, 50%	Cupric Sulfate	Photographic Emulsion
Ammonium Bisulfate	Ferric Chloride, 50%	Polystyrene
Ammonium Carbamate, 50%	Ferric Nitrate, 10%	Potassium Acetate
Ammonium Carbonate, 50%	Ferric Sulfate, 10%	Potassium Bromide, 36%
Ammonium Chloride	Ferrous Chloride, 10%	Potassium Carbonate, 50%
Ammonium Fluoride, 50%	Ferrous Sulfate, 50%	Potassium Chloride, 21%
Ammonium Hydroxide	Fluosilicic Acid	Potassium Cyanide, 6%
Ammonium Iodide	Formaldehyde, 35%	Potassium Fluoride, 40%
Ammonium Nitrate	Formic Acid, (all conc.)	Potassium Hydroxide, 42%
Ammonium Persulfate	Gallium	Potassium Iodide, 55%
Ammonium Phosphate	Green Liquor	Potassium Nitrate, 22%
Ammonium Sulfate	Hydriodic Acid, 5%	Potassium Oxalate, 10%
Asphalt Emulsion	Hydrobromic Acid, 15%	Potassium Sulfate, 10%
Barium Chloride	Hydrochloric Acid, (all conc.)	Potassium Sulfide, 47%
Barium Hydroxide, 50%	Hydrocyanic Acid	Silver Nitrate, 60%
Barium Nitrate	Hydrofluoric Acid, 48%	Sodium Acetate, 32%
Barium Sulfate	Iodic Acid	Sodium Carbonate, 15%
Black Liquor	Latex	Sodium Chloride, 26%
Boric Acid, 50%	Latex Paint	Sodium Hydroxide, 50%
Brine	Lead Nitrate, 60%	Sodium Iodide, 40%
Butyric Acid, 20%	Lime (Calcium Hydroxide)	Sodium Nitrate, 30%
Cadmium Bromide	Lithium Carbonate	Sodium Sulfate, 15%
Cadmium Chloride, 50%	Lithium Hydroxide	Sodium Sulfide, 18%
Cadmium Iodide, 45%	Lithium Iodide	Strontium Chloride, 22%
Cadmium Nitrate, 48%	Lithium Sulfate	Strontium Nitrate, 35%
Cadmium Sulfate, 36%	Maleic Acid	Sugar Solution Dilute, 5%
Calcium Bisulfite	Malic Acid	Sulfuric Acid
Calcium Bromide	Magnesium Carbonate, 10%	Titanium Dioxide, 100%
Calcium Carbonate	Magnesium Chloride	Toothpaste, 100%
Calcium Chlorate, 30%	Magnesium Nitrate	Urea, 100%
Calcium Chloride, 90%	Magnesium Sulfate	Zinc Chloride, 60%
Calcium Hydroxide	Manganese Chloride	Zinc Oxide, 100%
Calcium Hypochlorite, 6%	Molasses	Zinc Sulfate, 30%
Calcium Nitrate, 50%	Nickel Chloride, 20%	

TABLE 1



NOTE: This is a guideline to assist in determining fluid conductivity. Conductivity levels change with temperature and fluid concentrations. If the conductivity level is marginal, the application should be reviewed in further detail. Consult Factory for chemicals which are not listed.

ELECTROMAGNETIC FLOW METER CONDUCTIVITY CHARTS

CONDUCTIVITY NORMALLY 20-100 MICROMHOS/CM

Acetamide	Germanium Tetrabromide	Mercuric Chloride, 60%
Butyric Acid, 70%	Glucose	Mercury
Cranberries, Crushed	Glutamic Acid	Milk (Skim and Regular)
Fruit Juices	Lactic Acid, 10-85%	Propionic Acid, 70%
Fudge	Mercuric Bromide, 42%	Water (Potable)

TABLE 2

CONDUCTIVITY NORMALLY 5-20 MICROMHOS/CM

Acetonitrile	Corn Syrup	Mercuric Bromide, .22%
Allyl Alcohol	Dichlorohydrin	Vodka, 100 Proof
Carboxylic Acid	Gin, 90 Proof	

TABLE 3



NOTE: This is a guideline to assist in determining fluid conductivity. Conductivity levels change with temperature and fluid concentrations. If the conductivity level is marginal, the application should be reviewed in further detail. Consult Factory for chemicals which are not listed.

ELECTROMAGNETIC FLOW METER CONDUCTIVITY CHARTS

CONDUCTIVITY NORMALLY < 5 MICROMHOS/CM

Acetaldehyde, 100%	Dimethyl Sulfate, 100%	Nitrobenzene, 100%
Acetic Acid, 99.7%	Epichlorohydrin, 100%	Nitromethane, 100%
Acetic Anhydride, 100%	Ethyl Acetate, 100%	O-OR-M-Nitrotoluene, 100%
Acetone (80 deg. F)	Ethyl Acetoacetate, 100%	Nonane, 100%
Acetophenone, 100%	Ethyl Alcohol, 100%	Oleic Acid, 100%
Acetyl Bromide	Ethylamine, 100%	O-Toluidins, 100%
Acetylene Chloride, 100%	Ethyl Benzoate, 100%	Oxygen, 100%
Adipic Acid, 100%	Ethyl Bromide	Paint Enamel, 100%
Alizarin, 100%	Ethylene Bromide, 100%	Parafin Wax, 100%
Ammonia, 100%	Ethylene Chloride, 100%	Peanut Butter, 100%
Aniline, 100%	Ethyl Iodide, 100%	Pentane, 100%
Animal Fat, 100%	Ethyl Isothiocyanate, 100%	Petroleum, 100%
Anthracene	Ethyl Nitrate, 100%	Phenetole, 100%
Arsenic Tribromide	Ethyl Thiocyanate, 100%	Phenol, 100%
Arsenic Trichloride	Formamide	Phenyl Isothiocyanate
Benzaldehyde, 100%	Fuel Oil, All Grades	Phosgene, 100%
Benzene, 100%	Furfural	Phosphorus, 100%
Benzoic Acid, 100%	Gasoline, All Grades	Phosphorous Oxychloride
Benzonitrile, 100%	Glycerol, 100%	Pinene, 100%
Benzyl Alcohol	Glycol, 100%	Piperidine, 100%
Benzylamine, 100%	Guaiacol, 100%	Proionaldehyde, 100%
Benzyl Benzoate	Heptane	Propionic Acid, 100%
Bromine, 100%	Hydraulic Fluid, 100%	Propionitrile, 100%
Bromobenzene, 100%	Hydrogen Bromide, 100%	M-Propyl Alcohol, 100%
Bromoform, 100%	Hydrogen Chloride, 100%	M-Propyl Bromide, 100%
Iso-Butyl Alcohol, 100%	Hydrogen Cyanide	Pyridine, 100%
Bunker C Oil	Hydrogen Iodide, 100%	Quinoline, 100%
Butyric Acid, 100%	Hydrogen Peroxide, 90%	Salicylaldehyde, 100%
Capronitrile	Hydrogen Sulfide, 100%	Soybean Oil, 100%
Carbon Disulfide, 100%	Ink, 100%	Starch, 100%
Carbon Tetrachloride, 100%	Iodine, 100%	Stearic Acid, 100%
Chloroacetic Acid	Isopropyl Alcohol	Sugar Solution, Pure
Chlorohydrin, 100%	Kerosene	Sulfonyl Chloride
Chlorine, 100%	Lard, 100%	Sulfur, 100%
M-Chloroaniline, 100%	Methyl Acetate	Sulfur Dioxide, 100%
Chloroform, 100%	Isopropyl Alcohol	Toluene, 100%
Chocolate Liquor, 100%	Kerosene	P-Toluidine, 100%
M-Creosol, 100%	Lard, 100%	Trichloroacetic Acid, 100%
Cyanogen, 100%	Methyl Acetate	Trimethylamine, 100%
Cymene, 100%	Methyl Alcohol, 100%	Turpentine, 100%
Diesel Fuel	Methyl Ethyl Ketone, 100%	Iso-Valeic Acid, 100%
Dichloroacetic Acid, 100%	Methyl Iodine, 100%	Vegetable Oil, 100%
Dichlorohydrin, 100%	Methyl Nitrate, 100%	Vodka, 100 Proof
Diethyl Carbonate, 100%	Methyl Thiocyanate	Water (Dist.), 100%
Diethyl Oxalate, 100%	Naphthalene, 100%	Xylene, 100%
Diethyl Sulfate, 100%		

TABLE 4

NOTE: This is a guideline to assist in determining fluid conductivity. Conductivity levels change with temperature and fluid concentrations. If the conductivity level is marginal, the application should be reviewed in further detail. Consult Factory for chemicals which are not listed.

