

CORROSION CHART

CORROSIVE MEDIA	Carbon Steel	Stainless Steel 304	Stainless steel 316	Inconel	Monel	CORROSIVE MEDIA	Carbon Steel	Stainless Steel 304	Stainless steel 316	Inconel	Monel	CORROSIVE MEDIA	Carbon Steel	Stainless Steel 304	Stainless steel 316	Inconel	Monel																																																																																																																																																																																																																																																																																																					
	Acetate Solvents, Crude	D	A	A	A		B	Furfural	B	B	B		B	Potassium Cyanide	B	B	B	B	B	Acetate Solvents, Pure	C	A	A	A	A	Gasoline Sour	B	A	A	C	C	Potassium Sulfate, Oil	B	A	A	A	A	Propane, Liquid & Gas	B	A	A	A	A	Pyrogllic Acid	B	A	A	B	A	Rosin, Molten	D	A	A	A	A	Salicylic Acid	D	B	B	B	B	Silver Bromide	D	B	A	C	B	Silver Chloride	D	D	D	C	B	Silver Nitrate	D	A	A	A	C	Sodium Acetate	C	A	A	A	A	Sodium Bisulfite	D	B	B	B	A	Sodium Bromide, Oil	D	B	B	B	A	Sodium Cyanide	B	B	B	B	A	Sodium Fluoride, 5%	D	B	A	B	A	Sodium Hydroxide, 50%	B	A	A	A	A	Sodium Hyposulfite	D	B	A	B	A	Sodium Nitrate	B	B	A	A	B	Sodium Perborate	C	A	A	A	B	Sodium Peroxide	C	A	A	A	B	Sodium Phosphate, Tribasic	C	A	A	A	A	Sodium Silicate	B	A	A	B	B	Sodium Thiosulfate	D	B	A	B	B	Stannous Chloride, Sat	D	D	B	B	B	Steam, 212 °F	A	A	A	A	A	Steam, 600 °F	C	A	A	A	A	Sulfite Liquors	D	C	B	D	D	Sulfur Chloride	D	C	D	B	B	Sulfur Dioxide, Moist	D	B	A	D	D	Sulfuric Acid, Conc	B	B	B	B	D	Sulfurous Acid, Sat	D	B	B	D	D	Tannic Acid, 10%	D	A	A	B	A	Tar, Hot	B	A	A	A	B	Tartaric Acid, 120 °F	D	B	A	A	A	Toluene	A	A	A	A	A	Trichloroethylene	B	A	A	A	A	Turpentine	B	A	A	A	A	Varnish, Hot	C	A	A	A	A	Vegetable Oils	B	A	A	A	B	Vinegar	D	A	A	A	A	Water, Acid mine	D	A	A	A	C	Water, Boiler Feed	B	A	A	A	A	Water, Distilled	D	A	A	A	A	Water, Salt Sea	D	C	B	B	A	Whiskey, Boiling	D	A	A	A	C	Wine	D	A	A	A	C	Xylene, Boiling	D	A	A	A	A	Zinc Chloride, 5%	D	C	B	B	B	Zinc Sulfate, Boiling	D	A

A—Substantial resistance—Preferred material of construction
B—Moderate resistance—Satisfactory for use under most conditions.
C—Questionable resistance - Use under some Conditions.
D—Inadequate resistance - Not recommended

VALVOLA doesn't assume any responsibility from the use of this data which are purely theoretical.
 The user must verify the best conditions of use.