

CORROSION ADVICE CHART

Chemical	Product Finish				
	Hot Dip Galvanised	Aluminium	Stainless Steel Grade 304	Stainless Steel Grade 316	Fibre Reinforced Plastic
Benzene	NA	R	R	R	NR
Carbon Tetrachloride	NA	C	R	R	C
Gasoline	R	R	R	R	C
Hydrochloric Acid 40%	NR	NR	NR	NR	C
Hydrochloric Acid 10%	NR	NR	NR	NR	R
Hydrochloric Acid 2%	NR	NR	NR	NR	R
Hydrogen Peroxide 30%	NA	R	R	R	C
Hydrogen Peroxide 3%	NA	R	R	R	C
Hydrogen Sulphide (Gas)	NA	R	C	R	R
Mineral Spirits	NA	R	NA	NA	NR
Motor Oil	R	R	R	R	R
Nitric Acid	NA	C	R	R	C
Phosphoric Acid 2%	NR	C	R	R	R
Sodium Chloride 25%	C	C	R	R	R
Sulphuric Acid 2%	NR	C	NR	R	R
Water					
Deionised	C	R	R	R	R
Sea	C	C	R	R	R
Tap	R	R	C	C	R

R: Recommended
C: Conditions Dependent
NR: Not Recommended
NA: Info not available

The above Corrosion Chart shows the likelihood of a particular material being suitable for an environment with a certain chemical present.

Used in conjunction with field tests and inspecting actual environmental conditions, the Corrosion Chart should assist in determining which materials and finishes can be selected to avoid high levels of corrosion.

However, information displayed in the chart can be used as a guide for comparison only, as subtle variables can influence the performance of these materials under certain conditions.