

RESISTANCE COMPARISON CHART / TABELLA DI COMPARAZIONE RESISTENZE

KEY:
● Compatible - No Corrosion / Compatibile - Nessun Intacco
◐ Acceptable - Mild Corrosion / Accettabile - Intacco Moderato
○ Not Compatible - High corrosion / Non Compatibile - Intacco elevato
n.a. Information not available / Dato non disponibile

		COMPARED METALS METALLI A PARAGONE			NEW GALVANIC COATINGS RIVESTIMENTI NUOVA GALVANICA					
Contact element	Elemento di contatto	AISI 304	AISI 316	BRASS	NI	NI-CR	SN-CO	LT	CLB	DNG
Acetylene	Acetilene	●	●	◐	●	●	◐	●	◐	◐
Acetone	Acetone	●	●	●	●	●	◐	●	●	●
Fatty Acids	Acidi Grassi	●	●	◐	●	●	◐	●	◐	◐
Acetic Acid	Acido Acetico	◐	●	◐	●	●	◐	●	◐	◐
Carbonic Acid	Acido Carbonico	●	◐	n.a.	●	●	◐	●	◐	n.a.
Citric Acid	Acido Citrico	●	●	◐	●	●	◐	●	◐	◐
Hydrochloric Acid (20%)	Acido Cloridrico (20%)	○	○	○	○	○	○	●	◐	○
Hydrochloric Acid (37% Hot)	Acido Cloridrico (37% Caldo)	○	○	○	○	○	○	●	◐	○
Hydrochloric Acid (37% Cold)	Acido Cloridrico (37% Freddo)	○	○	○	○	○	○	●	◐	○
Hydrofluoric Acid (20%)	Acido Fluoridrico (20%)	○	○	○	○	○	○	○	◐	○
Hydrofluoric Acid (75%)	Acido Fluoridrico (75%)	○	○	○	○	○	○	○	◐	○
Hydrofluoric Acid (100% Cold)	Acido Fluoridrico (100% Freddo)	○	○	○	○	○	○	○	◐	○
Hydrofluoric acid (100% Hot)	Acido Fluoridrico (100% Caldo)	○	○	○	○	○	○	○	◐	○
Formic Acid	Acido Formico	●	◐	◐	◐	◐	◐	●	◐	◐
Phosphoric Acid (40%)	Acido Fosforico (40%)	◐	●	○	◐	◐	○	●	◐	○
Phosphoric Acid (40-100%)	Acido Fosforico (40-100%)	◐	◐	○	◐	◐	○	●	◐	○
Phosphoric Acid (Raw)	Acido Fosforico (Crudo)	○	◐	○	◐	◐	○	●	◐	○
Nitric Acid (5-10%)	Acido Nitrico (5-10%)	●	●	○	◐	◐	○	●	◐	○
Nitric Acid (20%)	Acido Nitrico (20%)	●	●	○	◐	◐	○	●	◐	○
Nitric Acid (50%)	Acido Nitrico (50%)	●	●	○	○	○	○	●	◐	○
Nitric Acid (Concentrated)	Acido Nitrico (Concentrato)	○	◐	○	○	○	○	●	◐	○
Nitrous Acid	Acido Nitroso	●	●	○	◐	◐	○	●	◐	○
Sulphuric Acid (10%)	Acido Solforico (10%)	◐	◐	○	◐	◐	○	●	◐	○
Sulphuric Acid (10-75%)	Acido Solforico (10-75%)	◐	◐	○	◐	◐	○	●	◐	○
Sulphuric Acid (75-100%)	Acido Solforico (75-100%)	◐	◐	○	◐	◐	○	●	◐	○
Sulphurous Acid	Acido Solforoso	◐	◐	◐	◐	◐	◐	●	◐	◐
Ammonia Solution	Acqua Ammoniacale	●	●	○	●	●	◐	●	◐	○
Sea water	Acqua di Mare	●	●	◐	●	●	○	●	◐	◐
Pool water	Acqua di Piscina	●	●	n.a.	●	◐	○	●	●	n.a.
Distilled, demineralised, de-ionised water	Acqua distillata, demineralizzata, de-ionizzata	●	●	●	●	◐	◐	●	●	●
Emulsified water (rainwater)	Acqua emulsionata (acqua bianca)	●	●	●	●	●	◐	●	●	●
Soapy Water - Soap Solutions	Acqua Saponata - Soluzioni di Sapone	●	●	●	●	●	●	●	n.a.	●
Acidic Waters	Acque Acide	●	●	○	●	●	◐	●	◐	○
Rainwater	Acque Bianche	●	●	n.a.	●	●	●	●	n.a.	n.a.
Ethyl Alcohol	Alcol Etilico	●	●	◐	●	●	●	●	●	◐
Methyl Alcohol	Alcol Metilico	●	●	◐	●	●	◐	●	●	◐
Propyl Alcohol	Alcol Propilico	●	●	●	●	●	◐	●	●	●
Amines	Ammine	●	●	◐	●	●	◐	●	◐	◐
Ammonia (10%)	Ammoniaca (10%)	●	●	○	●	●	◐	●	◐	○

