

## TABLA DE COMPATIBILIDAD QUÍMICA

## CHEMICAL COMPATIBILITY TABLE

			Brass	Carbon steel	Iron foundry	Stainless steel 316	Stainless steel 304	EPDM	Buna N (NBR)	Viton	Silicone	PTFE	Reinforced PTFE	Graphite PTFE	Delrin
	A	B	Latón	Acero al carbono	Fundición de hierro	Acero inox. 316	Acero inox. 304	EPDM	Buna N (NBR)	Viton	Silicona	PTFE	PTFE reforzado	PTFE con grafito	Delrin
<b>A</b>	Excelente	Excellent													
<b>B</b>	Bueno	Good													
<b>C</b>	Pobre	Poor													
<b>D</b>	No usar	Do not use													
*	Sin información	No information													
Aceite Crudo	Crude Oil		B	B	B	A	A	*	A	A	C	A	A	A	A
Aceite de Oliva	Olive Oil		C	B	B	A	A	D	A	A	D	A	A	A	A
Aceite de Palma	Palm Oil		B	C	C	B	B	D	B	A	*	A	A	A	A
Aceite de Soja	Soy Oil		D	C	C	A	A	B	A	A	A	A	A	A	B
Aceite Hidráulico (Base Petroleo)	Hydraulic Oil (Petroleum Base)		B	A	B	A	A	D	A	A	B	A	A	A	A
Aceite Lubricante (Base Petroleo)	Lubricating Oil (Petroleum Base)		B	A	A	A	A	D	A	A	B	A	A	A	A
Aceite Vegetal	Vegetable Oil		D	B	B	A	A	D	A	A	*	A	A	A	A
Acetileno	Acetylene		B	A	A	A	A	A	B	A	B	A	A	A	A
Acetona	Acetone		A	A	A	A	A	A	D	D	C	A	A	A	A
Acido Clorhídrico, 37%	Hydrochloric Acid, 37%		*	D	D	D	D	A	B	B	B	A	*	A	C
Acido Sulfúrico, 100%	Sulfuric Acid, 100%		D	C	B	A	B	C	D	B	D	A	A	A	D
Acido Úrico	Uric acid		*	*	*	A	*	*	*	*	*	A	A	A	B
Agua Clorada	Chlorinated Water		D	C	D	C	D	C	B	A	D	A	A	A	D
Agua de Mar	Seawater		C	D	D	B	C	A	A	A	A	A	A	A	A
Agua Destilada	Distilled water		B	D	D	A	A	B	C	A	*	A	A	A	A
Agua Oxigenada, concentrada	Oxygenated Water, concentrated		D	D	D	B	B	B	D	B	*	A	A	A	D
Agua Aguarrás	Aguarras water		B	B	B	B	B	D	B	A	*	A	A	A	A
Agua Cloacales	Seawage water		C	C	D	B	B	B	A	B	*	A	A	A	B
Alcohol Etilico	Ethyl alcohol		B	B	B	B	B	A	A	A	B	A	A	A	A
Alquitrán	Tar		B	*	*	A	A	D	C	*	B	A	A	A	A
Amoníaco Acuoso	Aqueous Ammonia		D	A	A	A	A	*	B	A	C	A	A	A	D
Anhídrido Acético	Acetic anhydride		D	D	D	B	B	C	D	D	B	A	A	A	C
Azufre	Sulfur		D	C	C	B	D	B	D	B	*	A	A	A	A
Benceno (Benzol)	Benzene (Benzol)		A	B	B	B	B	D	D	B	D	A	A	A	C
Bromo, seco	Bromine, dry		B	D	D	D	*	D	D	B	D	A	A	A	D
Butano	Butane		A	B	B	A	A	D	B	A	C	A	A	A	A
Café	Coffee		A	*	D	A	A	A	A	A	B	B	B	B	A
Carbonato de Magnesio	Magnesium carbonate		*	*	B	A	A	B	B	B	*	A	A	A	A
Carbonato de Potasio	Potassium carbonate		D	B	B	B	B	B	A	A	A	A	A	A	A
Carbonato Sodio	Sodium carbonate		B	B	B	A	A	B	A	A	A	A	A	A	A
Cerveza	Beer		B	D	D	A	A	B	B	A	A	A	A	A	A
Cetonas	Ketones		A	A	A	A	A	D	D	D	D	A	A	A	A
Cianuro de Potasio	Potassium carbonate		D	B	B	B	D	A	A	A	A	A	A	A	A
Cloro, gas, seco	Chlorine gas, dry		*	B	B	B	B	D	C	B	D	A	A	A	D
Cloroformo, seco	Chloroform, dry		B	B	C	A	A	D	D	B	C	A	A	A	A
Cloruro de Potasio	Potassium chloride		C	C	B	B	D	A	A	A	D	A	A	A	A
Cloruro de Sodio	Sodium chloride		B	C	C	B	B	B	A	A	D	A	A	A	A
Cloruro Ferroso	Ferrous Chloride		B	D	D	D	D	A	A	A	A	A	A	A	A
Cloruro de Azufre	Sulfur Chloride		B	D	D	D	*	C	D	A	D	A	A	A	A
Detergentes Sintéticos	Synthetic Detergents		B	*	B	B	B	B	B	A	A	A	A	A	A
Diesel Oil	Diesel oil		A	A	A	A	A	D	A	A	D	A	A	A	A
Estireno	Styrene		A	A	B	A	B	D	D	B	D	A	A	A	A
Etano	Ethane		*	C	C	B	B	D	A	A	B	A	A	A	A
Eteres	Ethers		B	A	B	A	A	D	D	C	*	A	A	A	A
Etilenglicol	Ethylene glycol		*	B	B	B	*	D	A	A	A	A	A	A	A
Fenol	Phenol		B	D	D	A	A	A	D	B	D	A	A	A	A
Gas Amoniaco, caliente	Ammonia gas, hot		D	*	B	A	A	A	C	D	*	A	A	A	A
Gas Licuado del petroleo	Liquefied petroleum gas		A	B	B	B	B	D	A	A	*	A	A	A	D
Gas Natural	Natural Gas		A	B	B	A	A	A	C	D	*	A	A	A	A
Gas Natural, ácido	Natural Gas, acid		B	B	B	A	A	D	A	A	*	A	A	A	A
Gas Propano	Propane Gas		A	B	B	B	B	D	A	A	C	A	A	A	A

		Brass	Carbon steel	Iron foundry	Stainless steel 316	Stainless steel 304	EPDM	Buna N (NBR)	Viton	Silicone	PTFE	Reinforced PTFE	Graphite PTFE	Delrin
		Latón	Acero al carbono	Fundición de hierro	Acero inox. 316	Acero inox. 304	EPDM	Buna N (NBR)	Viton	Silicona	PTFE	PTFE reforzado	PTFE con grafito	Delrin
Gases de Combustión	Combustion Gases	B	*	B	A	B	D	C	C	C	A	A	A	C
Gasolina con Plomo	Lead Gasoline	A	A	A	A	A	*	C	A	D	A	A	A	A
Gasolina sin Plomo	Unlead Gasoline	A	A	B	A	A	*	C	A	D	A	A	A	A
Gasolina, aviación	Gasoline, aviation	A	A	B	A	A	*	C	A	D	A	A	A	A
Glicerina (Glicerol)	Glycerin (Glycerol)	B	C	B	A	A	A	C	B	A	A	A	A	A
Glicol	Glycol	B	C	B	B	B	A	B	A	A	A	A	A	C
Helio, gas	Hellium, gas	*	*	B	A	A	B	B	B	A	A	A	A	A
Hidróxido de Sodio, 50% frío	Sodium Hydroxide, 50% cold	D	A	B	A	A	B	A	C	A	A	D	D	D
Keroseno	Kerosene	A	B	B	A	A	D	A	A	D	A	A	A	A
Lactosa	Lactose	D	*	D	B	*	B	B	B	*	A	A	A	A
Leche y Derivados	Milk and Derivatives	D	D	C	A	A	A	A	A	A	A	A	A	A
Líquidos de Freno	Brake Fluids	*	*	A	B	D	B	D	D	*	A	A	A	B
Mercurio	Mercury	D	A	B	A	A	A	A	A	A	A	A	A	A
Metano	Methane	A	B	B	A	B	*	A	A	*	A	A	A	A
Mezclas Agua-Petroleo	Water-Oil Mixtures	A	B	B	A	B	*	A	A	B	A	A	A	A
Monóxido de Carbono	Carbon monoxide	A	*	B	B	B	D	B	A	A	A	A	A	A
Naftaleno	Naphtalene	*	B	B	A	B	B	D	B	D	A	A	A	A
Nitrato de Potasio	Potassium nitrate	B	A	A	A	A	B	A	A	A	A	A	A	A
Nitrógeno	Nitrogen	A	B	B	A	A	A	B	A	A	A	A	A	D
Oxígeno	Oxygen	B	C	A	A	A	A	D	B	A	A	A	A	C
Ozono, humedo	Ozone, wet	A	A	C	A	A	B	D	B	A	A	A	A	C
Ozono, seco	Ozone, dry	A	B	B	A	A	D	A	A	A	A	A	A	A
Parafina	Paraffin	B	B	B	B	*	A	C	A	*	A	A	A	A
Perborato de Sodio	Sodium Perborate	D	C	C	B	B	A	C	A	D	A	A	A	A
Peróxido de Sodio	Sodium peroxide	C	B	C	A	A	D	D	A	D	A	A	A	A
Petroleo Refinado	Refined Petroleum	*	B	A	A	B	B	A	B	*	A	A	A	A
Pinturas y Solventes	Paints and Solvents	B	A	B	B	*	D	B	A	D	A	A	A	A
Propilenglicol	Propylene glycol	D	C	C	B	B	B	B	B	*	A	A	A	A
Pulpa de papel	Paper pulp	*	*	B	A	B	A	A	A	*	A	A	A	A
Sal	Salt	A	*	D	A	B	B	A	B	A	A	A	A	A
Solución de Jabón (Estereato)	Soap solution (stearate)	*	A	B	B	A	*	A	A	A	A	A	A	A
Solventes de Acetato	Acetate Solvents	D	A	B	A	B	*	D	D	D	A	A	A	D
Sulfato de Calcio	Calcium sulfate	*	C	C	B	B	B	A	A	*	A	A	A	A
Sulfato de Cobre	Copper sulfate	D	D	D	B	B	A	A	A	A	A	A	A	A
Sulfato de Potasio	Potassium sulfate	B	B	C	A	B	A	A	A	A	A	A	A	A
Sulfato de Sodio	Sodium sulfate	B	B	B	A	B	B	A	A	A	A	A	A	A
Sulfato de Hidrógeno, húmedo	Hydrogen sulfate, damp	C	D	D	B	C	A	C	D	D	A	A	A	C
Sulfato de Hidrógeno, seco	Hydrogen sulfate, dry	D	D	D	A	A	D	C	D	*	A	A	A	A
Tolueno	Toluene	A	A	A	A	C	B	D	B	D	A	A	A	C
Tricloroetileno	Trichlorethylene	B	B	C	B	B	D	D	B	B	A	A	A	A
Trióxido de Azufre	Sulfur Trioxide	*	B	B	B	*	*	D	B	*	A	A	A	D
Urea	Urea	*	C	C	B	A	B	C	D	A	A	A	A	A
Vapor de Agua (100C)	Water vapor (100C)	B	A	A	A	A	B	D	B	B	A	A	A	D
Whisky y Vinos	Whisky and Wines	B	D	D	A	A	A	B	A	*	A	A	A	A