

Guía de compatibilidad química para flujómetros.

R = Recomendado

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| | Metales | | | | | | Plásticos | | | | | | | Journals, Shafts | | | | O-Rings | | | | | | |
|--------------------------------------|---------|----------|-------|--------|--------|--------|-----------|-----------------------|-----------|-----------------|-------------|--------------|-----------|------------------|-------------------|--------------------|------------------|----------------|-------------|--------------------------|---------------|------|------------------|---------------------------|
| | Bronze | Aluminum | Brass | 304 SS | 316 SS | CD4MCu | PVC | PBT Polyester (Valox) | Nylon 6,6 | Acetal (Delrin) | PPS (Ryton) | PVDF (Kynar) | Rulon 641 | PEEK | Carbon - Graphite | Ceramic / Sapphire | Tungsten Carbide | Ferrite (MnZn) | Hastelloy-C | FKM/Fluorocarbon (Viton) | PTFE (Teflon) | EPDM | Buna-N (Nitrile) | Perfluoroelastomer (FFKM) |
| Acetic Acid | N | R | N | N | R | R | N | X | N | N | R | N | R | R | R | R | N | X | R | R | R | R | N | R |
| Acetone | R | R | R | R | R | R | N | N | R | R | R | N | R | R | R | R | R | R | R | N | R | R | N | R |
| Alcohols: Isobutyl | R | R | X | R | R | R | R | X | X | R | X | X | R | R | R | R | R | X | R | R | R | R | R | R |
| Alcohols: Isopropyl | R | R | X | R | R | R | R | R | R | R | X | X | R | R | R | R | R | R | R | R | R | R | R | R |
| Alcohols: Methyl | R | R | R | R | R | R | R | X | R | R | R | R | R | R | R | R | R | R | R | N | R | R | R | R |
| Ammonia, Anhydrous | N | R | N | R | R | R | R | X | X | N | R | R | R | R | X | R | R | X | R | N | R | R | R | R |
| Ammonia, Liquid | N | R | X | R | R | R | R | X | R | N | R | R | R | R | R | R | R | X | R | N | R | R | N | R |
| Ammonium Hydroxide | N | R | N | R | R | R | R | N | N | N | R | R | R | R | R | R | N | R | R | R | R | R | N | R |
| Antifeeze | R | R | X | X | R | X | R | X | X | N | X | X | X | R | X | R | R | R | X | R | X | R | R | R |
| Boric Acid | R | N | X | R | R | R | R | R | R | R | R | R | R | X | R | R | R | R | R | R | R | R | R | R |
| Butyl Acetate | R | R | R | R | R | R | N | R | R | R | R | R | R | X | R | R | R | R | R | N | R | R | N | R |
| Calcium Chloride | R | N | X | N | R | R | N | X | R | N | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Calcium Hypochlorite | N | N | X | N | R | R | R | X | X | N | R | R | R | R | R | R | N | R | R | R | R | R | N | R |
| Carbon Tetrachloride (wet) | R | N | R | R | R | R | X | X | X | R | R | R | R | X | R | R | X | X | R | X | R | N | N | R |
| Carbonic Acid | R | R | N | R | R | R | R | X | R | R | R | R | R | R | R | R | R | X | R | R | R | R | N | R |
| Chlorine Water | R | N | N | N | N | R | R | X | N | N | N | R | N | R | X | R | R | R | R | R | R | N | N | R |
| Chlorine, Anhydrous Liquid | N | N | N | N | N | N | N | X | X | R | N | R | R | N | R | N | X | N | N | R | R | R | N | R |
| CloroxR Bleach (Sodium Hypochlorite) | X | N | X | R | R | R | R | R | N | N | N | R | R | R | X | R | N | X | R | R | R | R | N | R |
| Detergents | R | R | X | R | R | R | R | R | R | R | R | R | R | R | R | R | X | R | R | R | R | R | R | R |
| Diesel Fuel | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | N | R | R |
| Ethanol | R | R | R | R | R | R | N | X | R | R | X | X | R | R | R | R | R | X | R | R | R | R | N | R |

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| Ethylene Dichloride | N | R | R | R | R | R | N | X | X | R | R | R | R | R | R | R | R | X | R | R | R | N | N | R |
| Ethylene Glycol | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Ferric Chloride | N | N | N | N | N | R | R | X | N | N | R | R | R | R | R | R | N | X | R | R | R | R | R | R |
| Freon 113 | X | X | X | X | X | R | R | X | X | R | R | R | R | R | X | R | R | R | R | R | R | N | R | R |
| Fuel Oils (#1 and #2) | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | R | R | R | N | R | R |
| Gasoline, Unleaded | R | R | X | R | R | R | N | R | R | R | R | R | R | R | R | R | R | R | R | R | R | N | R | R |
| Heptane | R | R | R | R | R | R | N | X | X | R | R | R | R | R | R | R | X | R | R | R | N | R | R | |
| Hydraulic Oil (Petro) | R | R | R | R | R | R | R | R | X | R | N | R | R | R | R | R | R | R | R | R | R | N | R | R |
| Hydraulic Oil (Synthetic) | R | R | R | R | R | R | R | R | X | X | X | R | R | R | R | R | R | R | R | R | R | N | R | R |
| Hydrochloric Acid 20% | N | N | X | N | N | R | R | R | N | N | N | R | R | N | R | N | N | R | R | R | R | N | X | R |
| Hydrochloric Acid 37% | N | N | X | N | N | R | R | X | N | N | N | R | R | R | R | N | N | R | R | R | R | R | R | R |
| Hydrochloric Acid 100% | N | N | N | N | N | R | N | N | N | N | N | R | R | R | R | R | N | R | R | R | R | N | N | R |
| Hydrofluoric Acid 20% | R | N | X | N | N | R | R | R | N | N | R | R | R | N | X | N | N | R | R | R | R | N | N | R |
| Hydrofluoric Acid 100% | R | N | X | R | R | R | N | N | N | N | N | R | R | N | R | N | N | R | R | R | R | N | N | R |
| Hydrogen Peroxide 10% | R | R | X | R | R | R | R | R | N | N | R | R | R | R | N | R | N | R | R | R | R | R | N | R |
| Hydrogen Peroxide 30% | R | R | X | R | R | R | R | X | N | N | R | R | R | R | N | X | N | R | R | R | R | R | N | R |
| Hydrogen Peroxide 100% | R | R | N | R | R | R | R | X | N | N | N | R | R | R | N | X | N | R | R | R | R | N | N | R |
| Isopropyl Acetate | R | N | X | N | R | R | N | X | X | N | X | N | R | R | R | R | X | R | N | R | R | N | R | |
| Kerosene | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | N | R | R |
| Ketones | R | R | X | R | R | R | N | X | X | N | R | N | R | R | R | R | X | R | N | R | R | N | R | |

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| Lacquer Thinners | R | R | R | R | R | R | N | X | X | N | X | X | R | X | R | X | R | X | R | N | R | N | N | R |
| Lacquers | R | R | X | R | R | R | N | X | X | N | X | N | R | R | R | R | R | X | R | N | R | N | N | R |
| Lye: NaOH Sodium Hydroxide | N | N | N | R | R | N | R | X | X | N | R | N | R | R | X | R | R | X | N | R | R | R | R | R |
| Magnesium Hydroxide | R | N | N | R | R | R | R | X | R | R | R | R | R | R | R | R | R | X | R | R | R | R | R | R |
| Methanol (Methyl Alcohol) | R | R | R | R | R | R | N | X | R | R | R | R | R | R | R | R | R | R | R | N | R | R | R | R |
| Methyl Ethyl Ketone | R | R | R | R | R | R | N | R | R | N | R | N | R | R | R | R | X | R | R | N | R | R | N | R |
| Motor Oil | R | R | X | R | R | X | R | R | R | R | R | R | R | R | R | R | R | R | X | X | R | N | R | R |
| Nitrating Acid (> 15% H2SO4) | X | N | X | N | N | R | N | X | X | N | N | X | R | N | X | R | N | X | R | X | R | R | N | R |
| Nitric Acid (5-10%) | R | R | N | R | R | R | R | X | R | N | R | R | R | N | R | N | N | X | R | R | R | R | N | R |
| Nitric Acid (50%) | R | N | N | R | R | R | R | X | N | N | N | R | R | N | R | N | N | N | R | R | R | N | N | R |
| Nitric Acid (Concentrated) | R | N | N | R | R | R | R | R | N | N | N | R | R | N | N | N | N | N | R | R | R | N | N | R |
| Oils: Hydraulic Oil (Petro) | R | R | R | R | R | R | R | R | R | R | N | R | R | R | R | R | R | X | R | R | R | N | R | R |
| Oils: Mineral | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | N | R | R |
| Oils: Transformer | X | R | X | R | R | X | R | R | X | R | X | R | R | R | R | R | R | X | X | R | R | N | R | R |
| Phosphoric Acid (< 40%) | R | N | N | N | N | R | R | X | N | N | R | R | R | R | R | R | N | N | R | R | R | R | N | R |
| Phosphoric Acid (> 40%) | R | N | N | N | N | R | R | X | N | N | R | R | R | R | R | R | N | X | R | R | R | R | N | R |
| Potassium Chloride | R | N | N | R | R | R | R | R | R | R | R | R | R | R | R | R | N | X | R | R | R | R | R | R |
| Potassium Hydroxide (Caustic Potash) | N | N | N | R | R | R | R | N | R | R | R | R | R | R | N | N | N | R | R | R | R | R | R | R |
| Potassium Hypochlorite | N | N | X | N | R | R | R | X | X | X | R | R | R | X | X | N | N | X | R | X | R | R | R | R |
| Propane (Liquefied) | R | R | R | R | R | R | R | X | R | R | X | R | R | R | R | R | R | X | R | R | R | N | R | R |

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| Propylene Glycol | R | R | X | R | R | R | N | R | R | R | X | X | R | R | X | R | R | R | R | R | R | R | R | R |
| Salt Brine (NaCl Saturated) | R | R | X | R | R | R | R | X | X | X | R | R | R | R | R | X | N | X | R | R | R | R | R | R |
| Sea Water | R | R | N | N | N | R | R | R | X | R | R | R | R | R | R | R | N | X | R | R | R | R | R | R |
| Soap Solutions | R | N | R | R | R | R | R | X | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Sodium Bicarbonate | R | N | N | R | R | R | R | R | X | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Sodium Chloride | R | N | N | R | R | R | R | R | R | R | R | R | R | R | R | R | N | R | R | R | R | R | R | R |
| Sodium Hydroxide (20%) | R | N | R | R | R | R | R | X | R | R | R | R | R | R | R | R | N | X | R | N | R | R | R | R |
| Sodium Hydroxide (50%) | N | N | N | R | R | N | R | X | R | R | R | R | R | R | X | R | N | X | N | N | R | R | R | R |
| Sodium Hydroxide (80%) | N | N | N | N | R | R | R | N | R | N | R | R | R | R | R | R | N | N | R | N | R | R | N | R |
| Sodium Hypochlorite (< 20%) | N | N | N | N | N | R | R | X | N | N | R | R | R | R | R | R | N | R | R | R | R | R | R | R |
| Sodium Hypochlorite (100%) | N | N | N | N | N | R | R | X | N | N | R | R | R | R | N | R | N | R | R | R | R | R | N | R |
| Sulfuric Acid (< 10%) | R | N | X | N | R | R | R | X | N | N | R | R | R | R | R | N | N | X | R | R | R | R | R | R |
| Sulfuric Acid (75-100%) | R | N | X | N | N | R | N | X | N | X | R | R | R | N | N | R | N | N | R | R | R | R | N | R |
| Toluene (Toluol) | R | R | R | R | R | R | N | N | R | N | R | R | R | R | R | R | R | R | R | N | R | N | N | R |
| Trichloroethylene | R | N | X | R | R | R | N | X | R | N | R | R | R | R | R | X | R | R | R | R | R | N | N | R |
| Vinegar | R | N | N | R | R | R | R | R | N | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Water, Deionized | X | N | R | R | R | R | R | X | X | X | R | R | R | X | R | R | X | X | R | R | R | R | R | R |
| Water, Distilled | R | N | R | R | R | R | R | R | X | R | R | R | R | R | R | R | R | X | R | R | R | R | R | R |
| Water, Salt | R | N | N | R | R | R | R | X | X | R | R | R | R | R | R | R | R | X | R | R | R | R | R | R |
| Xylene | R | R | R | R | R | R | N | N | R | R | R | R | R | R | R | R | R | X | R | R | R | N | N | R |