

Quick reference chart. This chart is intended to briefly illustrate some corrosive media and if the material is recommended. *Keep in mind that corrosion rates differ accordingly with concentration and temperature, as well as the presence of trace elements or abrasive solids.* Contact a Ruhrpumpen specialist for advice on final material selection.

● Recommended ■ Useful ▼ Unsuitable

Corrosive	Hastelloy® C-276	Titanium	Zirconium
Acetic acid, 70°F	●	●	●
Acetone, to boiling	●	●	●
Aluminum chloride, >10% to boiling	▼	▼	●
Brine (acid), 70°F	■	■	
Boric acid, to boiling	●	■	■
Bromine	■	■	▼
Calcium chloride >5%, to boiling	●	■	■
Ferric chloride, >5%, 70°F	■	■	▼
Hydrochloric acid	●		
Nitric acid		■	■
Seawater	●	●	●
Sodium chloride, 70°F	■	●	●
Sodium hypochlorite	■	●	■
Sulphur dioxide, 70°F	●	▼	
Sulphuric acid, <2%, 70°F	●	■	●
Sulphuric acid, <10%, 175°F	●	▼	■
Sulphuric acid, 65 to 85%, to boiling	▼	▼	▼
Sulphurous acid, 70°F	■	●	■
Sodium hypochlorite	■	●	■
Urea, 70°F	▼	■	■
Water, to boiling	●	●	●
Zinc sulphate	▼	●	