

TECHNICAL DATA SHEET

Solvent compatibility with the metal FR-JET



Table 1. Solvent compatibility with stainless-steel 316L. Data is based on room temperature conditions, around 18°C to 23°C

Chemical	Compatibility	Chemical	Compatibility
Acetaldehyde	Excellent	Chloroform	Excellent
Acetate solvents	Excellent	Citric acid	Excellent
Acetic acid (up to 50%)	Excellent	Cyclohexane	Excellent
Acetic acid (80%)	Good	Dextrose	Excellent
Acetone	Excellent	Ethanol	Excellent
Acetonitrile	Excellent	Ethyl acetate	Good
Ammonia	Excellent	Formaldehyde	Excellent
Ammonium acetate	Excellent	Isopropanol	Good
Ammonium carbonate	Good	Glucose	Excellent
Ammonium chloride	Good	Hexane	Excellent
Ammonium hydroxide	Excellent	Hydroquinone	Good
Ammonium carbonate	Good	Iodine solution 10%	Not recommended
Barium chloride	Excellent	Methanol	Excellent
Barium sulfate	Excellent	Phenol	Good
Benzaldehyde	Good	Polyethylene glycol	Good
Butanol	Excellent	Propanol	Excellent
Butyl Acetate	Good	Sodium chloride	Good
Butyl Chloride	Good	Sodium hydroxide	Good
Butylene	Excellent	Sugar solution	Excellent
Calcium carbonate	Good	Tetrahydrofuran	Excellent
Calcium chloride (30%)	Good	Toluene	Excellent
Castor oil	Excellent	Water	Excellent

Source: [316L Stainless Steel Chemical Compatibility Chart from ISM \(industrialspec.com\)](https://www.industrialspec.com) - refer to the source for additional chemicals.

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