



CTC Cable & Connector Chemical Compatibility Summary

An at-a-glance reference guide showing the compatibility of CTC cable and connector materials with some of the most commonly-encountered chemicals.

	CABLE & CONNECTOR MATERIAL TYPE							
	Polycarbonate	Nylon	PPS	Silicone	Viton®	Polyurethane	FEP	Stainless Steel
Chlorine Water	⊖	✓	⊖	✗	✓	✗	✓	✓
Hydrochloric Acid	✗	✗	✓	✗	✓	✗	✓	✗
Sulfuric Acid	✗	✗	✓	✗	✓	✗	✓	✗
Ferric Chloride	✓	✓	✓	✓	✓	✓	✓	✗
Citric Acid	✓	✓	✗	✓	✓	✓	✓	✓
Formic Acid	✓	✗	✓	✓	✓	✗	✓	✓
Melamine	⊖	✓	⊖	✓	✓	⊖	✓	⊖
Urea	✗	✓	✓	✓	✓	⊖	✓	✓
Sodium Hydroxide	✗	✓	✓	✓	✓	✓	✓	✓
Sodium Sulfide	✗	✓	✓	✓	✓	✓	✓	✓
Sodium Chloride	✓	✓	✓	✓	✓	✓	✓	✓
Black Liquor	⊖	⊖	⊖	⊖	✓	✓	✓	✓
Grease	⊖	✓	⊖	✗	✓	✓	✓	⊖
Hydraulic Oil (Petro)	✗	✓	⊖	✓	✓	✓	✓	✓
Hydrolic Oil (Syntetic)	✓	✓	⊖	✓	✓	✓	✓	✓

= Excellent
 = Good / Fair
 = Severe Effect / Incompatible
 = Info Not Available