

COPPER AND STAINLESS STEEL AISI 316 CHEMICAL RESISTANCE TABLES

Water	Concentration	AISI 316	Copper
	mg/l		
Organic element		+	0
Electrical conductivity	<500S/cm	+	+
	>500S/cm	+	-
NH3	<2	+	+
Acetone	2-20	+	0
	>20	+	1
Chlorine	<300	+	+
	>300	0	+
Sulphite without chlorine	<5	0	+
	>5	0/-	0
Fe solution	<10	+	+
	>10	+	0
Free carbonic acid	<20	+	0
	20-50	+	-
	50	+	-
Mg solution	<1	+	+
	>1	+	0
PH	<6	0	+
	6-9	0/+	+
	>9	+	0
Oxygen	<2	+	+
	>2	+	+
Sulphite	<70	+	+
	70-300	+	0
Coconut oil	>300	-	-

EXPLANATIONS

- + Good resistance under normal conditions
- 0 Corrosion problems may occur especially when more factors are valued '0'
- Use is not recommended

* max 60°