

## HASTELLOY® C-2000® Alloy

### Nitric Acid

Conc. Wt.%	50°F	75°F	100°F	125°F	150°F	175°F	200°F	225°F	Boiling
	10°C	24°C	38°C	52°C	66°C	79°C	93°C	107°C	
10	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	0.02
30	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	0.02	0.06	-	0.24
50	-	-	-	-	-	0.05	0.12	-	0.51
60	-	-	-	-	-	0.08	0.19	0.43	0.94
65	-	-	-	-	-	-	-	-	1
70	-	-	-	-	-	0.1	0.29	0.59	1.66

All corrosion rates are in millimeters per year (mm/y); to convert to mils (thousandths of an inch) per year, divide by 0.0254.

Data are from Corrosion Laboratory Jobs 8-95 and 11-97.

All tests were performed in reagent grade acids under laboratory conditions; field tests are encouraged prior to industrial use.

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## Iso-Corrosion Diagram for C-2000 Alloy in Nitric Acid

