

HASTELLOY® C-2000® Alloy

Phosphoric Acid

Conc. Wt.%	125°F	150°F	175°F	200°F	225°F	250°F	275°F	300°F	Boiling
	52°C	66°C	79°C	93°C	107°C	121°C	135°C	149°C	
50	-	-	<0.01	0.01	-	-	-	-	0.03
60	-	-	<0.01	0.01	0.02	-	-	-	0.08
70	-	-	<0.01	0.01	0.02	0.07	-	-	0.15
75	-	-	-	-	-	-	-	-	0.84
80	-	-	<0.01	0.01	-	0.08	0.14	-	0.4
85	-	-	-	-	-	0.05	0.17	0.33	7.9

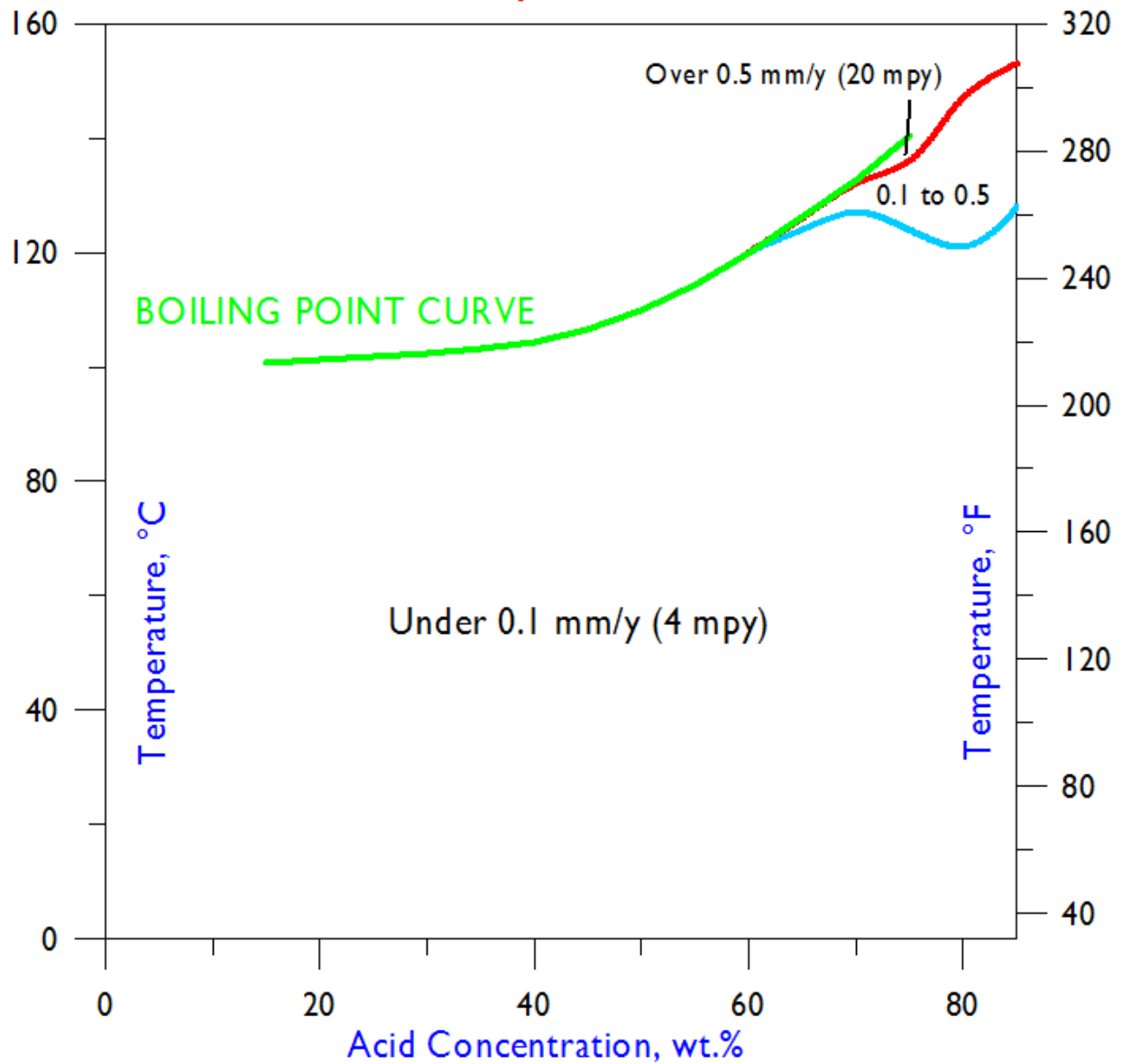
All corrosion rates are in millimeters per year (mm/y); to convert to mils (thousandths of an inch) per year, divide by 0.0254.

Data are from Corrosion Laboratory Jobs 19-95 and 64-96.

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

HASTELLOY® C-2000® Alloy

Iso-Corrosion Diagram for C-2000 Alloy in Phosphoric Acid



When using this data, please refer to our disclaimer located at www.haynesintl.com