

# HASTELLOY® G-30® Alloy

## Sulfuric Acid

Conc. Wt.%	75°F	100°F	125°F	150°F	175°F	200°F	225°F	250°F	275°F	300°F	350°F	Boiling
	24°C	38°C	52°C	66°C	79°C	93°C	107°C	121°C	135°C	149°C	177°C	
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	<0.01	<0.01	-	-	-	-	-	0.47
10	-	-	-	-	<0.01	<0.01	-	-	-	-	-	0.78
20	-	-	-	-	<0.01	0.36	-	-	-	-	-	1.35
30	-	-	-	-	0.01	0.55	-	-	-	-	-	1.53
40	-	-	-	0.02	0.05	0.54	-	-	-	-	-	1.95
50	-	<0.01	<0.01	0.01	0.26	0.56	0.93	-	-	-	-	3.68
60	-	-	<0.01	0.09	0.27	0.73	1.07	-	-	-	-	8.46
70	-	<0.01	0.01	0.11	0.36	0.98	1.38	-	-	-	-	-
80	-	-	0.31	1.13	2.62	4.52	4.7	-	-	-	-	-
90	-	<0.01	0.67	2.01	3.25	6.55	6.25	-	-	-	-	-
96	-	-	0.45	1.86	2.04	1.86	1.52	-	-	-	-	-

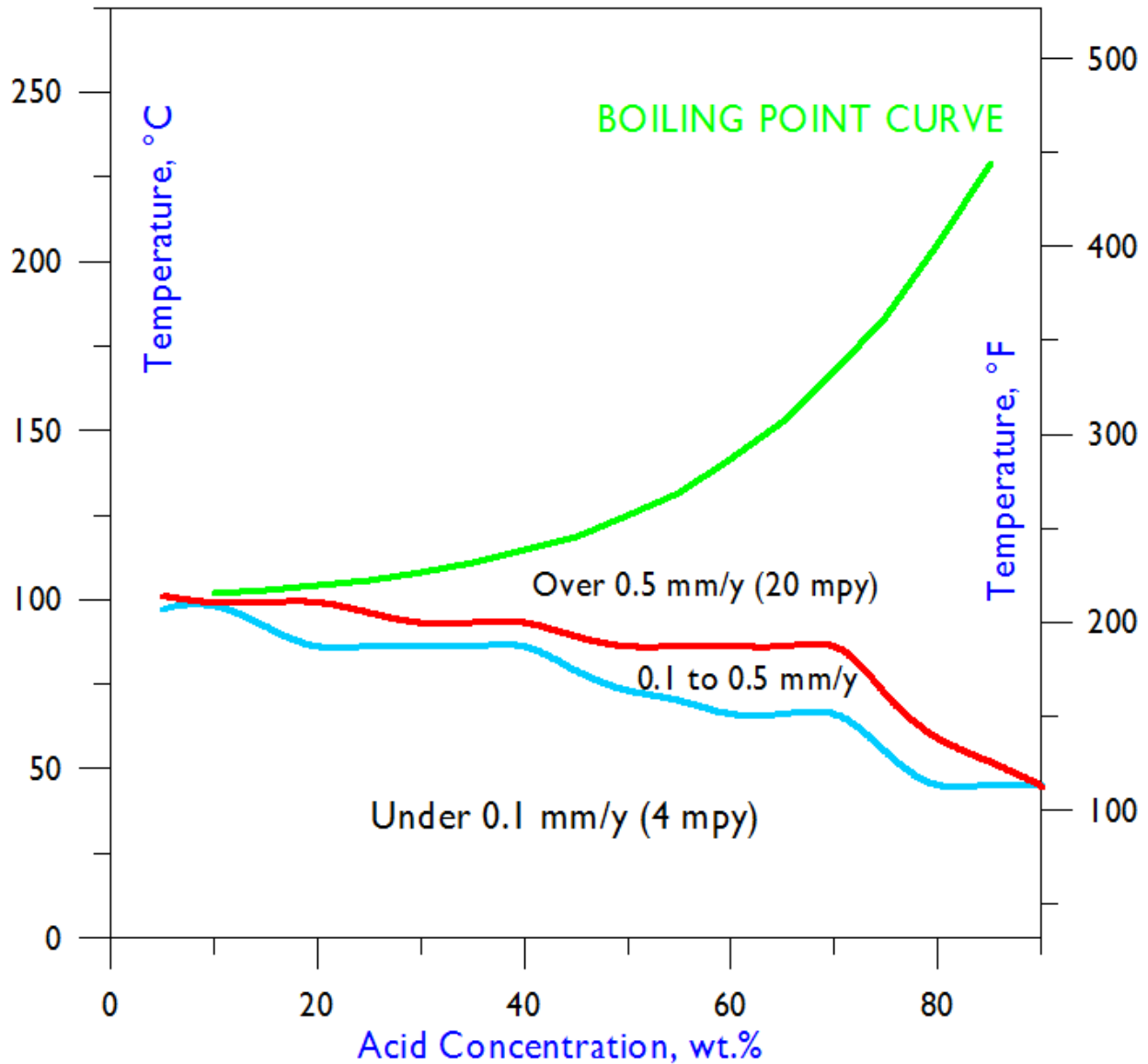
All corrosion rates are in millimeters per year (mm/y); to convert to mils (thousandths of an inch) per year, divide by 0.0254.

Data are from Corrosion Laboratory Job 449-82.

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

# HASTELLOY® G-30® Alloy

## Iso-Corrosion Diagram for G-30 Alloy in Sulfuric Acid



When using this data, please refer to our disclaimer located at [www.haynesintl.com](http://www.haynesintl.com)