

HASTELLOY[®] N alloy

Oxidation Resistance

Temperature		Weight Gain*, mg./cm ²		Shape of Rate Curve
°F	°C	100 h	1000 h	-
1200	649	0.00	0.00	Cubic or Logarithmic
1600	871	0.25	0.67**	Cubic
1800	982	0.48	1.5**	Parabolic
1900	1038	0.52	2.0**	Parabolic
2000	1093	2.70	28.2**	Linear

3.7mg./cm²=0.001 inch of oxidation

** Extrapolated from data obtained after 170 hours at temperature