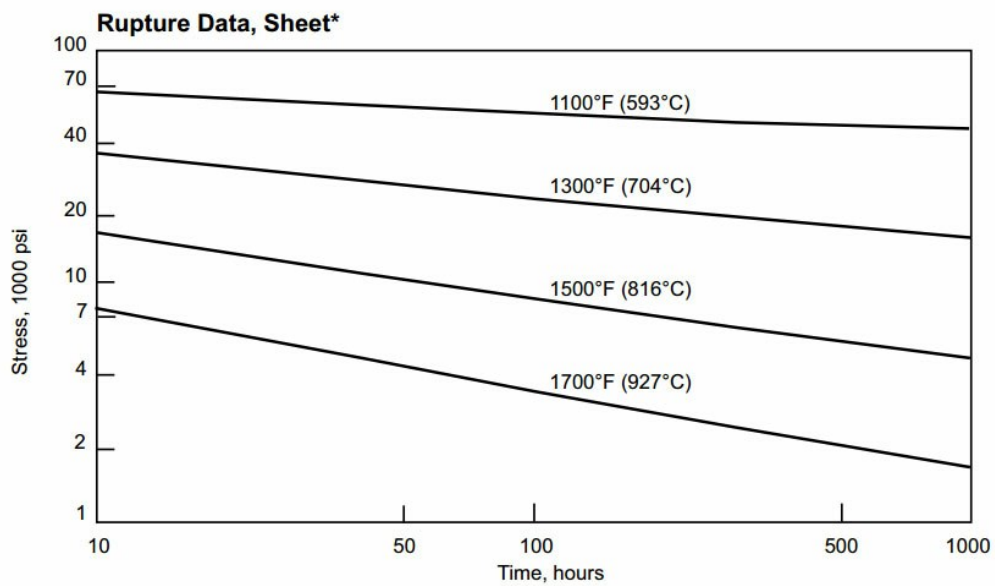


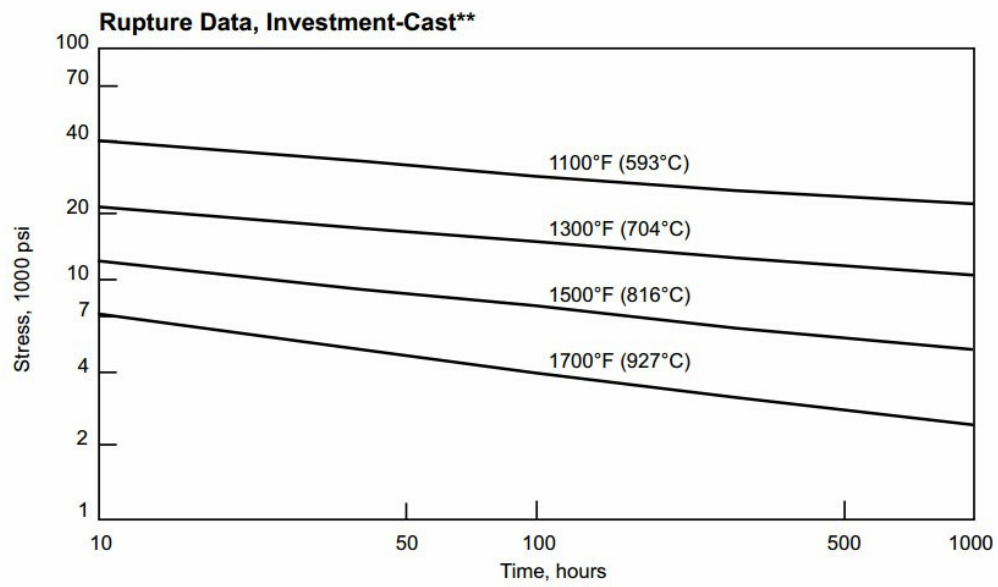
HASTELLOY[®] N alloy

Average Rupture Data, Weld Metal

Test Temperature		Stress psi	Average Rupture time, h			Average Elongation %	
°F	°C		As Welded	Stress Relieved ¹		Stress Relieved ¹	
		-	-	Hydrogen	Argon	Hydrogen	Argon
1100	593	74,000	1.3	1.7	-	14.1	-
		54,000	197.8	188.3	-	2.5	-
		49,000	308.4	570.5	-	2.2	-
		45,000	3.7	6.4	5.5	3.9	5.4
1300	704	24,000	158.4	337.8	185.4	3.7	7.4
		20,000	472.3	936.7	4522.0	4.6	3.7
		22,000	12.7	12.1	-	16.9	-
1500	816	13,000	172.1	117.5	-	14.4	-
		10,000	446.9	314.5	-	8.3	-

¹Stress-relieved at 1600°F for 2 hrs. in atmosphere specified





* Plotted by best line method from limited data

** Plotted from Larson-Miller plot of the limited data on the preceding page