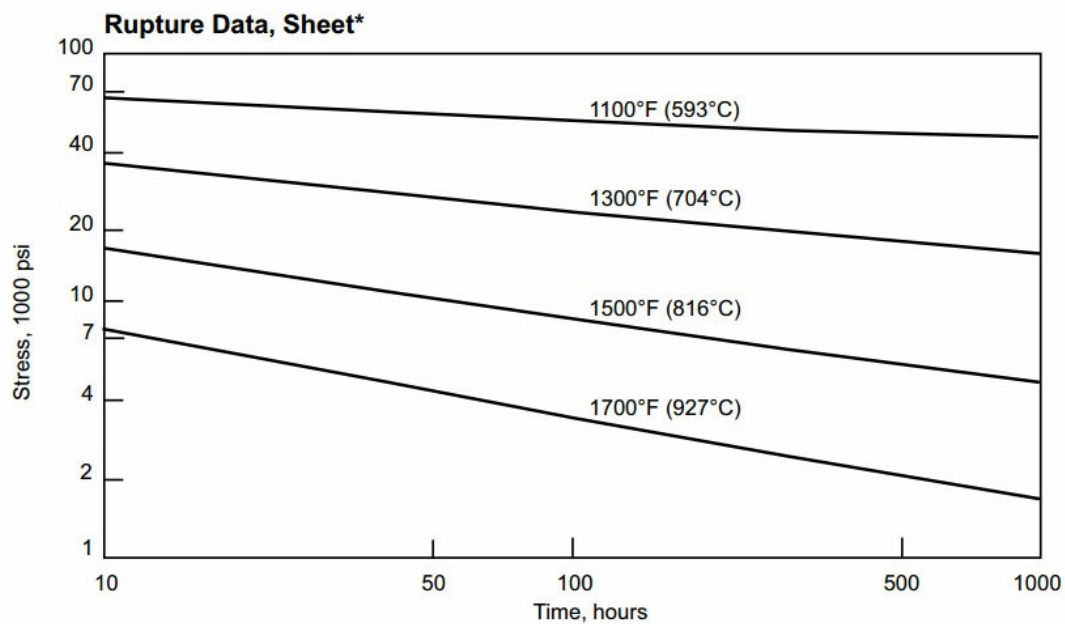


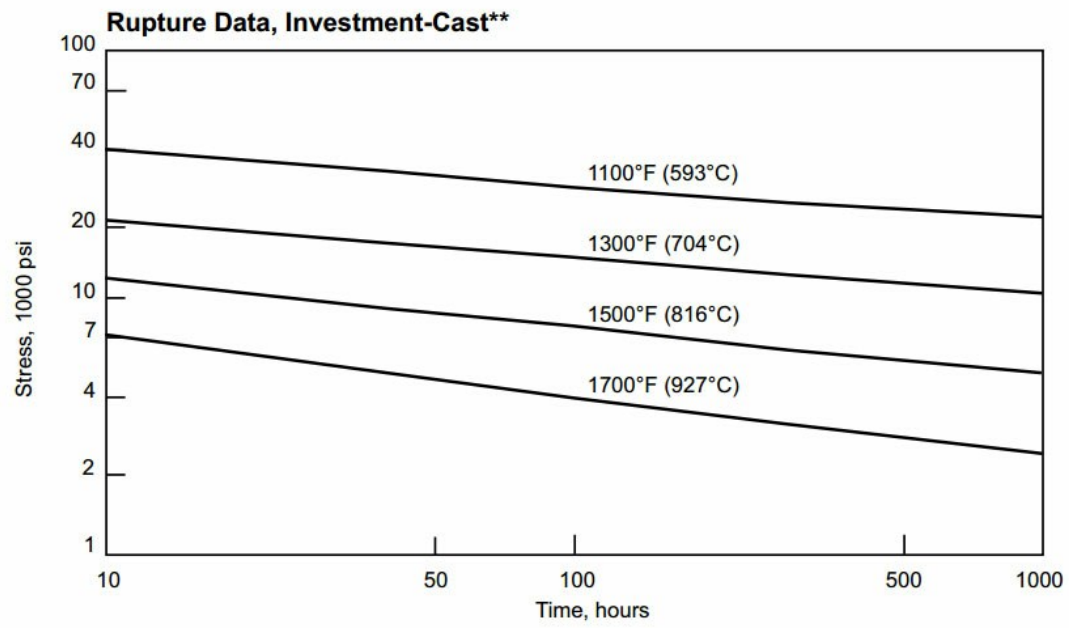
# HASTELLOY<sup>®</sup> N alloy

## Average Rupture Data, Weld Metal

Test Temperature		Stress psi	Average Rupture time, h			Average Elongation %	
°F	°C		As Welded	Stress Relieved <sup>1</sup>		Stress Relieved <sup>1</sup>	
		-	-	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	-
1300	704	45,000	3.7	6.4	5.5	3.9	5.4
		24,000	158.4	337.8	185.4	3.7	7.4
		20,000	472.3	936.7	4522.0	4.6	3.7
1500	816	22,000	12.7	12.1	-	16.9	-
		13,000	172.1	117.5	-	14.4	-
		10,000	446.9	314.5	-	8.3	-

<sup>1</sup>Stress-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

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