

RELIABLE PIPES & TUBES LTD.

GOVT. OF INDIA RECOGNIZED EXPORT HOUSE
 OHSAS 18001:2007 CERTIFIED ISO 14001:2004 CERTIFIED
 ISO 9001:2008 CERTIFIED PED CERT NO 01 202 IND/Q-11-0033

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Hastelloy G-30 – UNS N06985

Chemistry

	Ni	Cr	Mo	Mn	Cu	Si	C	S	P	Co	Cb+Ta	W	Fe
MIN	--	28.0	4.0	--	1.0	--	--	--	--	--	0.3	1.5	13.0
MAX	balance	31.5	6.0	1.5	2.4	0.8	0.03	0.02	0.04	5.0	1.5	4.0	17.0

Physical Properties

Density: 0.297 lb/inch³

Electrical Resistivity: 697 Ohm - circ mil/ft

Temperature, °F	200	400	600	800	1000	1200	1400
Coefficient* of Thermal Expansion, in/in°F x 10⁻⁶	7.1	7.7	8.0	8.3	8.6	8.9	8.9

* 86°F to indicated temperature.

Mechanical Properties

Minimum Specified Properties

Ultimate Tensile Strength, ksi	85
0.2% Yield Strength, ksi	35
Elongation, %	30