

NAUTICALLOY 4404

Chemical Composition*	C	Si	Mn	P	S	Cr	Ni	Mo	N
% Values (minimum)	-	-	-	-	-	16.50	10.00	2.00	-
% Values (Maximum)	0.030	1.00	2.00	0.045	0.030	18.50	13.00	2.50	0.11
Mechanical Properties	Proof Strength Rp 0.2		Tensile Strength		Elongation A4%		Hardness Brinell BHN (Min)		Red of Area %
Metric Units (Mpa-N/mm2)	>240		520 - 680		40		<215		30
Imperial Units (ksi)	>35		75 - 100		40		<215		30
Related Specifications	316L		AISI 316L		UNS S31603		1.4404		

All Nauticalloy produced can be supplied complete with 3rd party Inspection, testing and certification

All Nauticalloy produced can be supplied with dimensional reports confirming diameter tolerance and straightness

All Nauticalloy produced has a straightness tolerance up to 80mm dia of 0.005" - 0.010" TIR and 85mm and above we aim for 0.010" TIR (TIR=Total Indicator Reading)