

NAUTICALLOY 4462

Chemical Composition*	C	Si	Mn	P	S	Cr	Ni	Mo	N
% Values (Minimum)	-	-	-	-	-	21.00	4.50	2.50	0.10
% Values (Maximum)	0.030	1.00	2.00	0.030	0.015	23.00	6.50	3.50	0.22
Mechanical Properties	Proof Strength Rp 0.2		Tensile Strength		Elongation A4%		Hardness Brinell		Red of Area %
Metric Units (Mpa-N/mm2)	>450		620-860		25		<290		25
Imperial Units (ksi)	>65		90-125		25		<290		25
Related Specifications	Duplex F51		UNS S31803		SAF 2205		1.4462		

Nauticalloy 4462 has a chemically controlled composition that ensures enhanced strength and corrosion resistance properties are achieved

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)