

Stainless Steel (inc. High Performance) - 1.4307 / 304L

Sheet No8 Marine

Properties

Stock		Chemical Properties	
Size (mm)	Weight/Sheet (Kg)	Element	Chemical Composition %
2000 x 1000 x 0.7	11.20	Carbon (C)	0.0 - 0.03
2500 x 1250 x 0.7	17.50	Chromium (Cr)	17.5 - 19.5
2000 x 1000 x 0.9	14.40	Manganese (Mn)	0.0 - 2.0
2500 x 1250 x 0.9	22.50	Silicon (Si)	0.0 - 1.0
2500 x 1250 x 1.0	25.00	Phosphorus (P)	0.0 - 0.05
3000 x 1500 x 1.0	36.00	Sulphur (S)	0.0 - 0.02
2000 x 1000 x 1.2	19.20	Nickel (Ni)	8.0 - 10.50
2500 x 1250 x 1.2	30.00	Iron (Fe)	Balance
2000 x 1000 x 1.5	24.00	Above properties are for 1.4307	
2500 x 1250 x 1.5*	37.50	1.4307/304L also corresponds to the following designation 304S11	
3000 x 1500 x 1.5	54.00		
2000 x 1000 x 2.0	32.00		
2500 x 1250 x 2.0*	50.00		
3000 x 1500 x 2.0	72.00		
2000 x 1000 x 2.5	40.00		
2500 x 1250 x 2.5	62.50		
2000 x 1000 x 3.0	48.00		
2500 x 1250 x 3.0*	75.00		
3000 x 1500 x 3.0	108.00		
2500 x 1250 x 4.0	100.00		
3000 x 1500 x 5.0	125.00		
*: Available with laser coating on 2 sides			
		Mechanical Properties	
		Property	Value
		Tensile Strength	500 to 670 MPa
		Elongation	45% min
		Compressive Strength	200 MPa
		Above properties are for 1.4307	
		1.4301/304 also corresponds to the following designation 304S11	
		Physical Properties	
		Property	Value
		Density	8.00 g/cm ³
		Melting Point	1450°C
		Thermal Expansion	17.2 x 10 ⁻⁶ /K
		Modulus of Elasticity	193 GPa
		Thermal Conductivity	16.2 W/m.K
		Electrical Resistivity	0.072 x 10 ⁻⁶ Ω.m
		1.4307/304L also corresponds to the following designation 304S11	

Disclaimer

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