

Brass - CW508L / CZ108 HH

Sheet

Stock	Weight/Sheet (Kg)
Size (mm)	
4ft x 2ft x 0.35	2.24
4ft x 2ft x 0.45	2.88
2m x 1m x 0.45	7.61
2m x 1m x 0.50	8.40
4ft x 2ft x 0.55*	3.51
2m x 1m x 0.55	9.46
4ft x 2ft x 0.70	4.47
2m x 1m x 0.70*	12.04
8ft x 1m x 0.90	19.00
4ft x 2ft x 0.80	5.06
4ft x 2ft x 0.90	5.76
2m x 1m x 0.90*	15.48
4ft x 2ft x 1.00	6.39
8ft x 4ft x 18G	30.64
8ft x 1m x 1.22*	25.00
4ft x 2ft x 1.20	7.67
2m x 1m x 1.20*	20.64
4ft x 2ft x 18G	7.54
4ft x 2ft x 16G	10.00
8ft x 4ft x 1.60	40.19
2m x 1m x 1.40	23.74
8ft x 1m x 1.50*	31.00
2m x 1m x 1.50*	25.44
4ft x 2ft x 1.60	10.23
2m x 1m x 1.60*	27.52
4ft x 2ft x 2.00	12.79
2m x 1m x 2.00*	34.40
8ft x 4ft x 14G	51.00
4ft x 2ft x 2.50	15.99
2m x 1m x 2.50*	40.32
4ft x 2ft x 3.00	19.18
2m x 1m x 3.00*	51.60
4ft x 2ft x 10G	20.40
8ft x 4ft x 10G	81.64
4ft x 2ft x 4.00	25.58
2m x 1m x 4.00	68.80
2m x 1m x 5.00	84.80
4ft x 2ft x 6.00	40.00
2m x 1m x 1/4"	80.00
2m x 1m x 1/2"	107.00

*: Polished sheet

Properties

Chemical Properties	
Element	Chemical composition %
Copper (Cu)	63.0 typical
Zinc (Zn)	Balance
Mechanical Properties	
Property	Value
Proof stress	130 - 800 MPa
Tensile strength	280 - 820 MPa
Elongation	50 - 1%
Hardness Vickers	65 to 190 HV
Physical Properties	
Property	Value
Density	8.44 g/cm ³
Melting point	916°C
Thermal expansion	20.5 x 10 ⁻⁶ /K
Modulus of elasticity	103.4 GPa
Thermal conductivity	116 W/m.K

Disclaimer

This data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

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