

COPPER SHEET, COIL & BAR



Austral Wright Metals

COPPER SHEET

Size, mm	Temper	Finish	kg	Alloy		
				C10200	C11000	C12200
0.55 X 900 X 1800	65 MAX SOFT	MILL	7.97	-	50001923	-
	1/2 HARD	MILL		-	-	50001936
	1/2 HARD	PVC		-	-	50001901
0.55 X 1200 X 2400	1/2 HARD	MILL	14.16	-	-	50001987
	1/2 HARD	PVC		-	-	50001962
0.7 X 900 X 1800	65 MAX SOFT	MILL	10.14	-	50001956	50001930
	1/2 HARD	MILL		-	-	50001938
0.7 X 1200 X 2400	1/2 HARD	MILL	18.02	-	-	50001992
0.9 X 900 X 1800	65 MAX SOFT	MILL	13.03	-	50001957	-
	1/2 HARD	MILL		-	-	50001939
0.9 X 1200 X 2400	1/2 HARD	MILL	23.17	-	-	50002003
	1/2 HARD	PVC		-	-	50011450
1 X 900 X 1800	1/2 HARD	MILL	14.48	-	50001940	-
1 X 1200 X 2400	1/2 HARD	MILL	25.75	-	-	50001993
1.2 X 900 X 1800	65 MAX SOFT	MILL	17.38	-	50001917	-
	1/2 HARD	MILL		-	50001941	50001905
1.2 X 1200 X 2400	1/2 HARD	MILL	30.90	-	-	50001996
1.6 X 900 X 1800	65 MAX SOFT	MILL	23.17	-	50001932	-
	1/2 HARD	MILL		-	50001942	50001916
1.6 X 1200 X 2400	1/2 HARD	MILL	41.20	-	-	50001997
2 X 900 X 1800	65 MAX SOFT	MILL	28.97	50001949	-	-
	1/2 HARD	MILL		50001943	-	50001925
2 X 1200 X 2400	1/2 HARD	MILL	51.49	-	-	50001998
2.5 X 900 X 1800	1/2 HARD	MILL		-	-	50001918
3 X 900 X 1800	50 MAX SOFT	MILL	43.45	50001922	-	-
	1/2 HARD	MILL		-	50001946	50001907
3 X 1200 X 2400	1/2 HARD	MILL	77.24	-	50001967	50002000

PVC coating available upon request.

Alloy C10200 is suitable for welding and brazing applications, plus it exhibits superior electrical conductivity to that of C11000.

Comparison of Coppers

Copper		Typical Conductivity % IACS	Welding and Brazing Performance
C10200	Oxygen Free	101-103%	Good
C11000	ETP	100%	Fair
C12200	Phosphorus Deoxidised	70-90%	Good

COPPER PLATE

Size, mm	Temper	Finish	Nominal, kg/plate	Alloy
				C10200
4 X 900 X 1800	65 MAX SOFT	MILL	57.93	50001908
5 X 900 X 1800	1/2 HARD	MILL	72.41	50002060
6 X 900 X 2400	1/2 HARD	MILL	115.86	50002027
10 X 900 X 1800	1/2 HARD	MILL	144.83	50002035
12.5 X 900 X 1800	1/2 HARD	MILL	111.75	50002039
20 X 900 X 1800	1/2 HARD	MILL	289.66	50010978
25 X 900 X 1800	1/2 HARD	MILL	362.07	50002065

Alloy C10200 is suitable for welding and brazing applications, plus it exhibits superior electrical conductivity to that of 110

COPPER ANODE BALLS

Size	kg per unit	Alloy	
		C10920 - Low Phos	C12220 - Phos
25 OD	20kg bags		50006975
27 OD	20kg bags	50065416	50024546

Refer to your local branch for minimum order quantities, and availability of other sizes.

COPPER PANCAKE COIL



Metric (mm)	Imperial (Inches)	kg/m (Nominal)	kg per coil	Alloy
			(Approximate)	C11000
16 x 2.5		0.36	70	50004003
25 x 3		0.67	25	50003825
25 x 3		0.67	70	50003802
25.4 x 3.18	1 X 1/8	0.72	36	50003853
38.1 x 3.18	1 1/2 x 1/8	1.08	60	50003855
40 x 2.5		0.89	36	50003801
40 x 4		1.43	36	50003811
40 x 6.3		2.25	36	50004061

Other sizes available subject to minimum mill runs.

COPPER COIL

Size, mm	Temper	Finish	Alloy	
			C11000	C12200
0.1 X 600	SOFT	MILL	50002315	-
0.16 X 600	SOFT	MILL	50002346	-
0.25 X 600	SOFT	MILL	50002344	-
0.55 X 300	1/2 HARD	MILL	50106109	-
0.55 X 900	1/2 HARD	MILL	-	50002515
0.55 X 1200	1/2 HARD	MILL 1000 KG	-	50002541
		MILL 500 KG	-	50002543
0.6 X 300	1/2 HARD	MILL	50106110	-
0.7 X 900	1/2 HARD	MILL	-	50002516
0.7 X 1200	1/2 HARD	MILL	-	50002532
0.9 X 900	1/2 HARD	MILL	-	50002517
0.9 X 1200	1/2 HARD	MILL	-	50002534
1.2 X 300	1/2 HARD	MILL	50106114	-
1.6 X 300	1/2 HARD	MILL	50106115	50110585

For slit coil refer section 4.

COPPER BAR - FLAT

Square Edge
Radius Corner
Full Radius

Metric (mm)	Imperial (Inches)	kg/m (Nominal)		Alloy C11000 Plain			Alloy C11000 Tinned		
		SE	FR	Square Edge (SE)	Radius Corner (RC)	Full Radius (FR)	Square Edge (SE)	Radius Corner (RC)	Full Radius (FR)
12.7 x 3.18	1/2 x 1/8	0.36	0.34	50003940					
15.88 x 3.18	5/8 x 1/8	0.45	0.43	50003942					
19.05 x 3.18	3/4 x 1/8	0.54	0.52	50003928					
19.05 x 4.76	3/4 x 3/16	0.81	0.76	50003944					
19.05 x 6.35	3/4 x 1/4	1.08	1.00			50004036			
20 x 6.3		1.12	1.05			50003924			50003912
20 x 10		1.78	1.59		50113149			50113152	
25 x 6.3		1.40	1.33			50003923			50003909
25 x 10		2.23	2.03		50004026			50066094	
25.4 x 3.18	1 x 1/8	0.72	0.70	50003930		50003992			
25.4 x 4.76	1 x 3/16	1.08	1.03	50003945					
25.4 x 19.05	1 x 3/4	4.31	3.61	50003969					
30 x 10		2.67	2.48		50004025			50004042	
31.5 x 6.3		1.77	1.69			50003925			50003981
31.75 x 3.18	1 1/4 x 1/8	0.90	0.88	50003931		50003973			
31.75 x 6.35	1 1/4 x 1/4	1.79	1.72	50003957					
38.1 x 3.18	1 1/2 x 1/8	1.08	1.06	50003932		50097422			
38.1 x 4.76	1 1/2 x 3/16	1.61	1.57	50003947		50003967			
38.1 x 19.05	1 1/2 x 3/4	6.46	5.77	50003896					
40 x 6.3		2.24	2.17			50003926			50004011
40 x 10		3.56	3.37		50003961			50066102	
50 x 6.3		2.80	2.73			50004053			50004060
50 x 10		4.45	4.26		50003966	50003922		50004040	
50.8 x 3.18	2 x 1/8	1.44	1.42	50003935					
50.8 x 4.76	2 x 3/16	2.15	2.11	50003948					
50.8 x 6.35	2 x 1/4	2.87	2.79	50003937			50003883		
50.8 x 12.7	2 x 1/2	5.74	5.43	50003994					
60 x 6.3		3.36	3.29			50011337			
60 x 10		5.34	5.15		50003964			50004024	
60 x 12		6.41	6.13		50003959			50003971	
63 x 6.3		3.53	3.46			50003956			50003894
63.5 x 3.18	2 1/2 x 1/8	1.80	1.78	50003943					
80 x 6.3		4.49	4.41			50004047			50003892
80 x 10		7.12	6.93		50004023	50003955		50004012	

Please note: Other sizes available upon request. **Standard length:** 4000 mm

COPPER BAR - FLAT (continued)

Metric (mm)	Imperial (Inches)	kg/m (Nominal)		Alloy C11000 Plain			Alloy C11000 Tinned		
		SE	FR	Square Edge (SE)	Radius Corner (RC)	Full Radius (FR)	Square Edge (SE)	Radius Corner (RC)	Full Radius (FR)
100 x 6.3		5.61	5.53			50004046			50003906
100 x 10		8.90	8.71		50004049	50115359		50117516	50066103
101.6 x 6.35	4 x 1/4	5.74	5.66	50003983					
101.6 x 12.7	4 x 1/2	11.48	11.18	50003844					
101.6 x 25.4	4 x 1	22.97	21.73	50003849					
120 x 10		10.68	10.49		50003835			50116699	
125 x 6.3		7.01	6.93			50004022			50003927
152.4 x 6.35	6 x 1/4	8.61	8.54	50004001					
152.4 x 12.7	6 x 1/2	17.23	16.92	50119892					
152.4 x 25.4	6 x 1	34.45	33.22	50119893					
160 x 6.3		8.97	8.90			50004021			50003874
160 x 10		14.25	14.05		50004027		50003917		

Please note: Other sizes available upon request. **Standard length:** 4000 mm



COPPER BAR - ROUND

Metric (mm)	Imperial (Inches)	kg/m (Nominal)	Alloy	
			C11000 High Conductivity Copper	C14700 Free Machining Copper
4.76	3/16	0.16	50003649	
6.35	1/4	0.28	50003650	
7.94	5/16	0.44	50003651	
9.53	3/8	0.64	50003653	
12.7	1/2	1.13	50003392	50003407
15.88	5/8	1.77	50003393	
17.46	11/16	2.14		50003471
19.05	3/4	2.55	50003395	50114703
22.23	7/8	3.47	50003396	
25.4	1	4.53	50003397	50003472
31.75	1 1/4	7.08	50003508	
38.1	1 1/2	10.19	50003510	50025282
44.45	1 3/4	13.87	50003511	
50.8	2	18.12	50003513	
63.5	2 1/2	28.31	50003630	

Please note: Other sizes available upon request. **Standard length:** 3600 mm

COPPER SQUARE

Metric (mm)	Imperial (Inches)	kg/m (Nominal)	Alloy
			C11000
50.8	2 x 2	23.00	50003519

Standard Length: 3600 mm

Welcome to

Austral Wright Metals



Austral Wright Metals has been a leading metals distributor in Australia for more than 20 years. With non ferrous manufacturing origins for over 70 years prior to this, it means we know metals and the industry better than most.

Service

A comprehensive range of stock; helpful, dedicated and knowledgeable staff; a determination to supply what you need when you need it, at the quality level you require – it adds up to unbeatable service. Our aim is next day delivery for orders for standard stock, and our warehouses around the country are staffed and equipped to achieve this.

With over 5,000 items of copper, brass and bronze, stainless steel, aluminium and even some titanium and nickel alloy products in stock, we are well equipped to meet your requirements. Where customers need non-standard products, special sizes and qualities, or have variable demand, Austral Wright Metals will provide special stocking arrangements. We also source and indent larger quantities of specialized products from mills around the world.

People

Exceptional customer service starts with people. Austral Wright Metals develop and retain high quality personnel with a variety of training courses covering product knowledge and skills training. This is supported by metallurgists and engineers with an unrivalled knowledge of the metals we sell, gained from mill careers in making the metals. In the design phase we're here to help you with product specifications and optimum material selection – economic & technical – and we can help out if you have problems in fabrication or in service.

Quality

Austral Wright Metals sources from selected high quality mills overseas. We choose the best for reliable product quality, price and delivery. Sourcing is our key contribution to the industry – we aim to supply the best combination of quality, delivery and price to make your business more competitive.

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