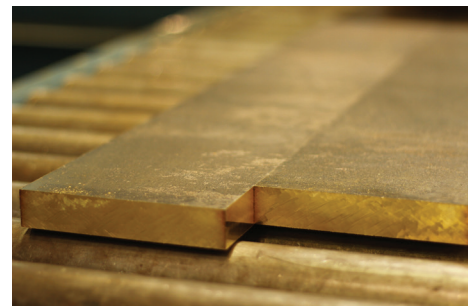
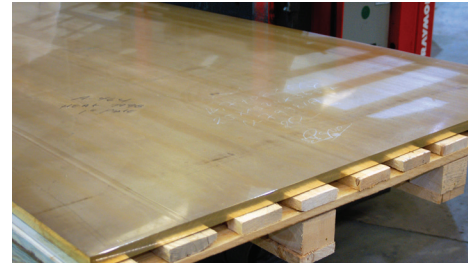
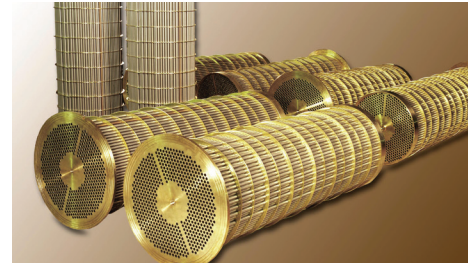


SHEET & PLATE

CUT TO SIZE | WATERJET CUTTING | READY FOR IMMEDIATE SHIPMENT!



AVIVA METALS SHEET AND PLATE

Aviva Metals maintains the most diverse range of brass, bronze, and the largest copper alloy sheet and plate in the USA. Our in-house computer controlled plate saw allows us to provide special cut to size sheet and plate upon request. We can also supply disks and plates or other water-jet cut parts upon request with a very prompt turnaround time. Items on this page are stocked for quick shipment on a national and international basis at competitive prices.

READY FOR IMMEDIATE SHIPMENT!

- C10100 Oxygen Free Copper
- C11000 ETP Copper
- C12200 DHP Copper
- C18150 Copper Chromium Zirconium
- C22000 Commercial Bronze
- C26000 Cartridge Brass
- C46400 Naval Brass
- C61300 Aluminum Bronze
- C61400 Aluminum Bronze
- C63000 Nickel Aluminum Bronze
- C65500 Silicon Bronze
- C70600 Copper Nickel "90/10"
- C71500 Copper Nickel "70/30"

*Other alloys available upon request.
Strip and coils available upon request.*



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C10100 Oxygen Free Copper

Extra high conductivity for electrical switch gear, circuit breaker, and resistance welding products. As well as, sliding contacts and heat-transfer related products.

C11000 ETP Copper

High conductivity for electrical switch gear, bus bar, ground straps, electrolytic tank heads, pole line hardware, circuit breakers, power distribution centers (PDC's), elbows or returns for cooling modules (Electric Arc Furnaces), Graphite Electrode Holders (Electric Arc Furnaces), and heavy duty electrical connectors.

C18150 Copper Chromium Zirconium

C18150 is a chrome zirconium copper with higher strength at elevated temperatures with additional strength and better resistance to wear than chrome copper. It is used in higher stress and higher temperatures application requiring higher mechanical properties and superior resistance to sticking while still retaining excellent electrical conductivity and acceptable mechanical properties. C18150 is ideal for applications such as resistance welding electrodes, control arms, electrical equipment, contact and studs. Wider plate widths provide additional flexibility and convenience and can be cut into flat bars.

C22000 Commercial Bronze

C22000 Commercial Bronze is composed of 90% copper and 10% zinc. It has practical properties such as: excellent malleability, ductility, strength and hardness, anti-galling and corrosion resistance. This alloy is a good choice for architectural applications.

C26000 Cartridge Brass

Electrical connectors, thermostats, fasteners, deep drawings, decorative hardware, kick plates, printing spinning stencils, and washers. This material can be used for many general purpose applications.

C46400 Naval Brass

Exhibits guaranteed performance and exceptional cost-efficiency in wear plate applications. This versatile material is a non-abrasive, long-wearing surface is ready for drilling, grooving and fast installation. This is the ideal plate material for your marine/ industrial naval brass needs. Other applications include heat exchangers, decorative fittings, and plumbing fittings.

C61300 Aluminum Bronze

The aluminum bronze-copper alloy C61300 has excellent formability. The alumina film present in C61300 offers strength and corrosion resistance. The applications of C61300 include: valve and pump components for industrial process streams, marine equipment, high strength fasteners, pole line hardware.

C61400 Aluminum Bronze

C61400 has excellent mechanical properties and ductility, which makes this alloy suitable for high load applications, as well as construction of vessels with high-pressure requirements and the process of product subjected to corrosion and erosion.

C63000 Nickel Aluminum Bronze

C63000 Nickel Aluminum Bronze plate is used where higher mechanical properties are required as well as excellent corrosion resistance. It resists wear, abrasion and deformation under high compressive loads. Friction, galling and seizing are reduced prolonging part life and reduced maintenance cost. The material is used in the most demanding applications in heavy equipment aerospace military and marine environments. It is also used in valves, pumps, wareplates process industries and many other corrosion applications.

C65500 Silicon Bronze

Used for the fabrication of industrial hot-water heater and storage tanks and equipment used in the process industries. Its combination of corrosion resistance, strength, resilience, formability and weldability make it one of the most widely used copper alloys.

C70600 Copper Nickel "90/10"

C70600 & C71500, Copper nickel offers excellent corrosion resistance, especially in marine salt water environments. The main, wrought copper-nickel alloys chosen for sea water service contain 10 or 30 percent nickel. They also have important additions of iron and manganese which are necessary to maintain good corrosion resistance.

C71500 Copper Nickel "70/30"

Copper nickel alloy C71500 finds its greatest application in areas of high temperatures and pressures combined with high velocity and destructive turbulence. The small iron content, up to 0.5%, gives the C71500 alloy an extraordinary resistance to general corrosion and stress corrosion cracking, making it very suitable and ideal for the marine or industrial industries.

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