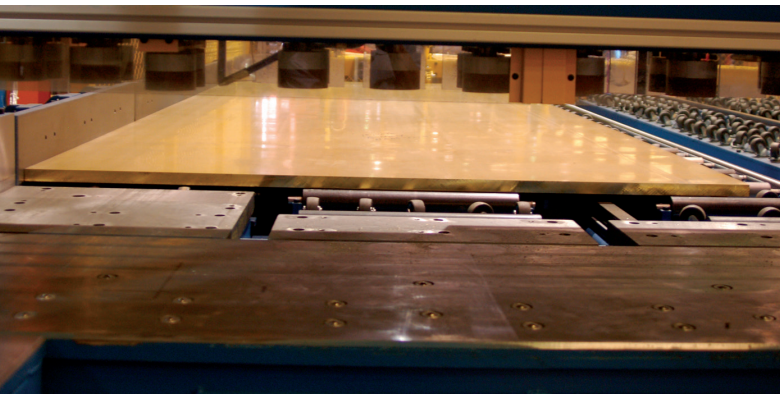
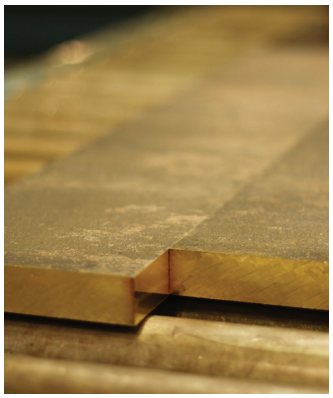
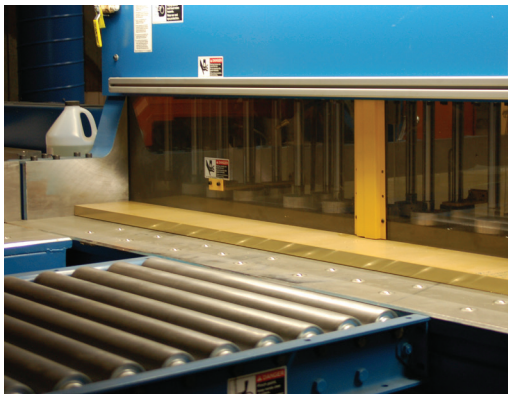
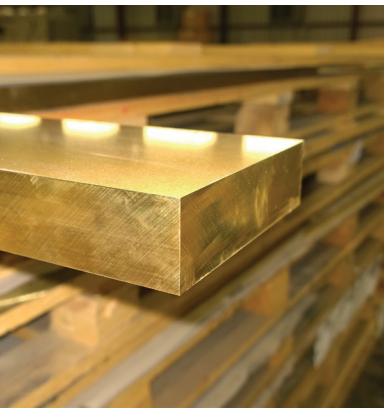
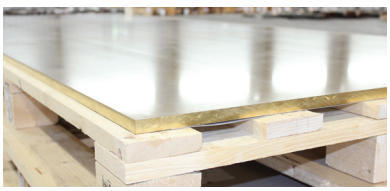
C26000 BRASS PLATE

CUT TO SIZE, WATERJET CUTTING, READY FOR IMMEDIATE SHIPMENT




Aviva Metals maintains a large inventory of C26000 brass plate. C26000 70/30 plate is used more than any other brass product. It has excellent to good corrosion resistance in many applications, however it is not suitable for use with materials such as acetic acid, ammonia, hydrochloric acid and nitric acid.

TYPICAL USES

Architecture
Grillwork

Automotive
Radiator Cores, Tanks, Heat Exchangers, Battle Plates

Electrical
Flashlight Shells, Lamp Fixtures, Reflectors, Screw Shells, Socket Shells

Hardware
Bead Chain, Chain, Eyelets, Fasteners, Grommets, Decorative Hardware Articles (Hinges, Kick Plates, Locks, Push Plates, etc.), Stencils

Industrial
Pump and Power Cylinders and Liners

Ordinance
Ammunition Components

Plumbing
Plumbing Accessories, Plumbing Brass Goods

Wire
Pins, Rivets, Screws, Springs

SIZES AVAILABLE

Plate..... 37"W / 48" W / 61" W X 120"L
Sheet..... 37"W / 48"W / 61"W X 120"L
Sheet..... up to 6"

- Larger than listed sizes are available on request.
- Our waterjet cutting service can provide your company with precision blanks, near net shape parts, and semi finished components.
- We maintain a large inventory of plate and sheet stock suitable for use in a wide variety of applications.

SIMILAR OR EQUIVALENT SPECS

Plate	Rod	Shapes	Tube	Wire
ASTM B19, ASTM B36, ASTM B248	ASTM B135	ASTM B129	ASTM B135	ASTM B134

AVIVA METALS
Formerly National Bronze & Metals, Inc.

C26000 BRASS PLATE

Chemical Composition, Thermal Properties, Physical Properties

CHEMICAL COMPOSITION

	Cu[1]	Pb	Zn	Fe
min	68.5	-	-	-
max	71.5	0.07	Rem	0.05

(1) Cu + Sum of Named Elements, 99.7% min.

THERMAL PROPERTIES

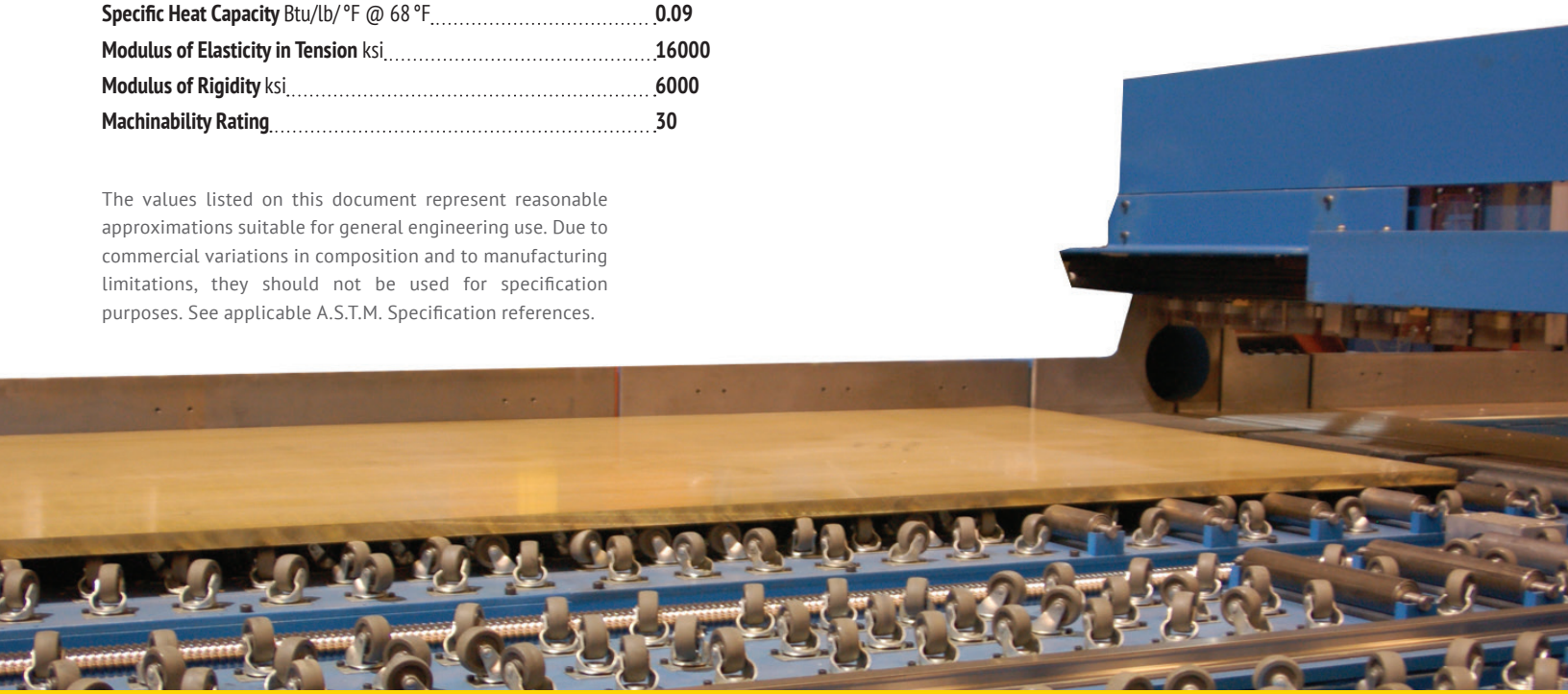
Treatment	Minimum*	Maximum*
Annealing	800	1400
Hot Treatment	1350	1550

*Measured in Farenheit

PHYSICAL PROPERTIES

Melting Point - Liquidus °F **1750**
Melting Point - Solidus °F **1680**
Density lb/cu in @ 68 °F **0.308**
Specific Gravity **8.53**
Electrical Conductivity % IACS @ 68 °F **28**
Thermal Conductivity Btu/ sq ft/ ft hr/ °F at 68°F **70**
Coefficient of Thermal Expansion 10^{-6} per °F (68-212 °F) **11.1**
Specific Heat Capacity Btu/lb/ °F @ 68 °F **0.09**
Modulus of Elasticity in Tension ksi **16000**
Modulus of Rigidity ksi **6000**
Machinability Rating **30**

The values listed on this document represent reasonable approximations suitable for general engineering use. Due to commercial variations in composition and to manufacturing limitations, they should not be used for specification purposes. See applicable A.S.T.M. Specification references.



USA / Canadian Sales
(713) 869-9600
sales@avivametals.com

European Sales
+33 494 109 386
info@avivametals.com

Mexico Sales
+521 81 1911 2958
ventas@avivametals.com

Other Territories
trading@avivametals.com