

The logo consists of the letters 'MTS' in a bold, orange, sans-serif font. The letters are enclosed within a thin, black, hand-drawn style oval that is slightly tilted.

MATERIALS TECHNOLOGY SOLUTIONS

**BRASS &
COPPER**

TUBE
BAR
SHEET
PLATE

www.materialtech.com

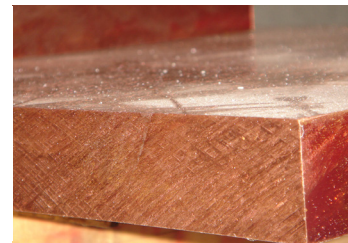
BRASS & COPPER

TUBE, BAR SHEET, PLATE

Brass is a binary alloy composed of copper and zinc that has been produced for millennia and is valued for its workability, hardness, corrosion resistance and attractive appearance. The exact properties of different brasses depend on the composition of the brass alloy, particularly the copper-zinc ratio. In general, however, all brasses are valued for their machinability or the ease with which the metal can be formed into desired shapes and forms while retaining high strength.

Aluminum Bronze is an excellent choice for applications involving heavy loads, abrasive wear and corrosion. It is commonly used to make bearings, valves, pumps, various gears and fastening hardware. It provides good ductility, weldability and exceptional resistance to wear, fatigue and deformation under shock or overload.

Copper is known for its high electrical and thermal conductivity, good corrosion resistance and solder ability. It is used for welding fixtures, in electrical power installations, ground straps commutators and current carrying hardware. Its fabrication qualities allow it to be bent, soldered, and formed which makes it ideal for machinists, fabricators and architects.



BRASS

C36000
C37700
C38500
C46400
C67300
C74000

ALUMINUM BRONZE

C62300
C62400
C63000
C64200
C95400
C95500

COPPER

C11000

SHAPES



SHEET/PLATE



TUBE



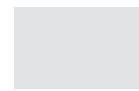
ROUND



HEX



SQUARE



RECTANGULAR

Aerospace / Architectural / Commercial quality