



# SMALL TUBE PRODUCTS

*"Skilled Producers of Copper & Brass Tubing"*



## STP PRODUCT RANGE

Plumbing



Heat Transfer



Welding



Electrical



Controls



Bourdon



### COILS

TYPE	OD	WALL THICKNESS	ALLOYS (UNS)
Copper	.040" - .875"	.005" - .200"	C101, 102, 120, 122, 194
Brass	.040" - .875"	.010" - .065"	C220, 230
Copper Nickel	.040" - .875"	.010" - .070"	C706, 710, 715
Aluminum	.040" - .750"	.012" - .065"	A91100, A93003

### STRAIGHT LENGTHS (lengths from 0.125 inch to 42 feet)

TYPE	OD	WALL THICKNESS	ALLOYS (UNS)
Copper	.040" - 2.625"	.004" - .367"	C101, 102, 120, 122, 194
Brass	.125" - 2.625"	.010" - .175"	C220, 230, 260, 270, 435, 443
Leaded Brass	.109" - 1.375"	.010" - .200"	C330, 332
Copper Nickel	.125" - 2.625"	.010" - .175"	C706, 710, 715, 740, 752
Phosphor Bronze	.200" - 0.875"	.004" - .045"	C510, C521
Aluminum	.040" - 2.000"	.012" - .200"	A91100, A93003

\* Other alloys and sizes may be available upon request.

**SHAPES:** Hollow Configurations Available: round, square OD/round ID, square OD/ID, rectangle, figure 8, hourglass, duplex, triplex, micro-wave guide, oval, flat oval, fluted OD or ID, hexagonal, octagonal, "B" shape, "D" shape, "I" shape, triangular, brush holder, dog house, mail box, skull shape, keyhole, bell shape, rifled ID. Consult mill for production of similar items.

**FABRICATED PARTS:** Expanding, Counter Boring, Bending, Swaging, Reducing, Spinning, Beading, Flaring, Hole Punching, Chamfering, Facing, Dimpling, Roll Grooving, Threading, Slitting, Angle Cutting. Consult mill for production of similar items.

**CORE COMPETENCIES:** Precision drawing of tube to both standard and non-standard sizes, precision straightening and cutting, excellent surface and cut end finish, small lot sizes (100 lb. min.), industry-leading short lead times, and ISO 9001 registered quality management system along with compliance to European Pressure Equipment Directive.

**LABORATORY TESTING SERVICES:** STP's ISO 17025 accredited laboratory offers independent testing services. Testing includes: Tensile, Yield, Elongation, Hardness, Microstructure Analysis (Grain Size), Expansion, Flattening, Residual Stress, Conductivity, Chemical OES, and Dimensional.

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*Visit us on the web at: [www.smalltubeproducts.com](http://www.smalltubeproducts.com)*

## TYPES OF PACKAGING FOR STRAIGHT LENGTH TUBING



### **Wood Boxes**

- Used for straight length tubing over 38" in length.
- Typically used for all tubing to protect from damage during freight transit.
- Box weight is approximately 500#- 800#.

### **Tri-wall Cardboard Boxes**

- Used for straight length tubing under 38" in length.
- Maximum box weight is 300#.

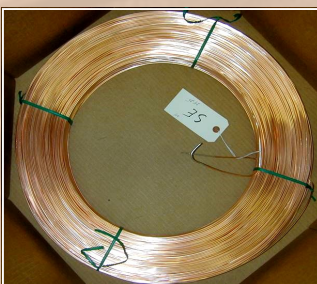
### **All-Cardboard Boxes**

- Can be used for straight length tubing under 16" in length.
- Maximum box weight is 80#.

### **Bundle Pack**

- For hard and as-drawn tempers only, and for direct shipments to customers (no LTL).

## TYPES OF PACKAGING FOR COILS



### **Large Level Wound Coils**

- Coils can either be placed on wood reels, cardboard reels or only separated by cardboard separators (bulk packed) before being placed on skids.
- Coil widths of 4", 6", or 10" depending on tube OD & length of coil.
- 24" ID reel diameter.
- 36" max coil OD on reels. 38" max not on reels.
- Banded with steel, copper or copper-nickel strapping.

### **Small Level Wound Coils**

- 14-20" diameter coils with no reel or can be wound on to plastic reels.
- 2" to 6 5/16" coil widths.
- Coil weights up to 90#.
- Banded with tie wire or tape.
- Ends can be capped, sealed or soldered.

### **Bunch Coils**

- 30" to 32" diameter coils.
- 50# maximum weight per coil.
- Packed in boxes, separated by cardboard, and placed on skids.

### **Pancake Coils**

- 13" to 27" diameter coils.
- Coil lengths of 25, 50, 75, or 100 feet.
- Other coil lengths available upon request.

\* Shrink Wrapping is also available where needed.