

BRASS COMPRESSION FITTINGS

PRODUCT APPLICATIONS

- For use with instrumentation, hydraulic and pneumatic systems.
- Designed to be used with aluminums, copper and plastic tubing. Not recommended for steel tubing. Plastic tubing requires 60PT insert and 60PT sleeve.

PRODUCT ADVANTAGES

- Brass Craft Compression fittings do not require any flaring, soldering or other type of tubing preparation.
- Available in a broad range of sizes and styles.
- Low cost.
- Manufactured from CA 360, CA 345 or CA 377 brass rod.
- Backed by Brass Craft's 50-year history and reputation for quality and service.

WORKING PRESSURE RANGES

- Operating temperatures and tubing type are important factors. The following table (73° F temperature with copper tubing) is a good guide to use for proper selection.

PSI	Tube O.D. (IN.)	Tube Wall (IN.)
400	1/8	.030
400	3/16	.030
300	1/4	.030
300	5/16	.032
200	3/8	.032
200	1/2	.032
150	5/8	.035
100	3/4	.035
75	7/8	.035

TEMPERATURE RANGE

- -65F to 250F at maximum operating pressures.

VIBRATION

- Fair vibration resistance.

HOW TO ORDER

- Brass Craft Compression Fittings are ordered as complete assemblies (body, nut, sleeve). Nuts and sleeves can be ordered by part number.

ASSEMBLY INSTRUCTIONS

1. For use with type L or M copper only. A drop of oil or thread sealant will make tightening easier. If using a drop of oil or thread sealant, be sure that threads are clean of any debris and that sealant is also free of any metal debris. DO NOT USE a "PUTTY" or gasket type material.
2. Cut tubing to required length.
3. Slide nut and then sleeve onto tubing. Threaded end of nut must face toward fitting.
4. Insert tubing into fitting body, making sure tubing is bottomed on fitting shoulder.
5. Assemble nut to fitting body, hand tight.
6. Tighten with a wrench the number of turns indicated below:

Tube Size	Additional Turns bore Hand Tight
1/8" thru 1/4"	1-1/4
5/16"	1-3/4
3/8" thru 1"	2-1/4