

Compress-Align® Fittings

Advantages

No flaring, soldering or other preparation of tubing is necessary. Pre-assembled fitting, with captive sleeve. Sleeve is always oriented for correct installation, visible for inspection before and after installation. Heavy-duty fitting aligns to seal even out-of-round tubing. More quickly assembled than either flare or standard tapered sleeve compression fittings. Compress-Align bodies are interchangeable with standard compression fitting bodies. This economical fitting is available in straights, tees and elbows 1/8 in. O.D. through 1 in. O.D. tube size. Manufactured from CA 360, CA 345 or CA 377 brass.

Specifications

Listed with Underwriter's Laboratories for flammable liquids. Consult list of UL listed fittings on page M10 for specific configurations.

Applications

Use with annealed copper, brass, aluminum and thermoplastic tubing. Manufactured for low and medium pressure tubing connections.

PSI	Tube O.D. (in.)	Tube Wall (in.)
2800	1/8	.030
1900	3/16	.030
1400	1/4	.030
1200	5/16	.032
1000	3/8	.032
750	1/2	.032
650	5/8	.035
550	3/4	.035
450	7/8	.035
350	1	.035

Temperature Ranges

From -65° to +250°F.

Vibration

Fair resistance to minimal vibration or tube movement.

Assembly Instructions

With nut finger tight on fitting body, insert tubing until it bottoms in the fitting. Complete the seal with one wrench turn on all sizes.

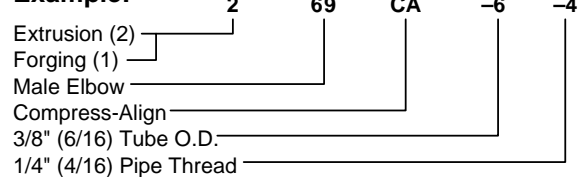
Order

By part number and name.

Nomenclature

Part numbers are constructed from symbols that identify the style and size of the fitting. The first series of numbers and letters identifies the style and type fitting. The second series of numbers describes the size.

Example:



Sizes

Tube sizes are determined by the number of sixteenths of an inch O.D.

Special Fittings

Fitting configurations and/or sizes other than those shown in the catalog can be furnished. It is suggested that a print or sketch be submitted with the inquiry.

Pricing

Only items priced in current supplementary price list PL3501 are carried in stock. Price and delivery for non-stock items furnished on request for specified quantity.

Remake Instructions

Tighten to original make-up position plus 1/16 turn to reseal sleeve. Approximately 8 remakes are possible using this reassembly method.