

## COMPRESSION INSERT



\* Referential image

\*\* Some features may vary without prior notice. Sale subject to inventory availability

DATE

: 04/21/2026 03:11 AM

SKU

: 22776

BRAND

: DIXON VALVE

MODEL

: 63PT-0223

Applications:

Use with copper, aluminum and thermoplastic tubing.

Manufactured for low and medium pressure tubing connection work where excessive vibration or tube movement is not involved.

Use:

Brass inserts allow for standard compression fittings to be used with industrial grades of thermoplastic tubing.

Specifications:

Underwriter's Laboratories listed for flammable liquid

SAE J-512

ASA

Installation

No flaring, soldering or other preparation of tubing necessary to assemble

Slide nut, then sleeve onto tubing. The thread end of the nut must face out.

Insert tube into the fitting. Be sure the tube is bottomed on the fitting shoulder.

Assemble nut to body, and tighten hand-tight. Then follow the number of appropriate wrench turns for the given size.

Note:

Temperature and type of tubing used are important factors in working pressure ranges. Pressure rating given at 73°F (23°C). For thermoplastic tubing, see manufacturers recommendation for pressure range.

Temperature ranges are given for use with soft metal tubing. For thermoplastic tubing, see manufacturers recommendation for tubing temperature range.

Safety notes:

Not recommended for steel tubing

Not recommended for applications using gaseous media.

WARNING: Cancer and Reproductive Harm- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**TECHNICAL SPECIFICATIONS**

|                            |                                   |
|----------------------------|-----------------------------------|
| <b>Factory Part Number</b> | 63PT-0223                         |
| <b>Length</b>              | .45"                              |
| <b>Material</b>            | Brass                             |
| <b>OD</b>                  | .073"                             |
| <b>Temperature Range</b>   | -65°F to +250°F (-54°C to +121°C) |
| <b>Tube Size</b>           | 1/8"                              |
| <b>Wall Thickness</b>      | .023"                             |
| <b>Weight Lb</b>           | 0.0002                            |
| <b>Working Pressure</b>    | 400 PSI                           |