



# Push-In Fittings

*Allow instant connection without the use of tools.*

## Brass Push-In Fittings

### Features:

- configurations: elbows, unions, connectors, swivels, tees
- sizes: 1/8"-1/2"
- working temperature: **-10°F to 200°F**
- pre-applied PTFE based pipe sealant on all male pipe threads
- Working pressure: fittings are suitable for use up to the maximum working pressure of the plastic tubing used. Also suitable for vacuum service.
- positive seal: no leaks, after tubing is inserted, seal is made


### Brass D.O.T. fittings:

- working temperature: **-40°F to 212°F**



## Legris Stainless Steel Push-In Fittings


### Features:

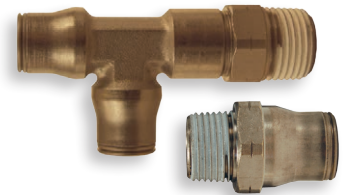
- configurations: elbows, unions, connectors, tees
- tube size: 1/4"-1/2" O.D.
- thread size: 1/8" - 1/2" NPT
- working temperature: **-4°F to 250°F**
- working pressure: **435 PSI** maximum. *Maximum circuit pressure depends equally on the type and diameter of the tube used.* 
- Thread sealant does not come pre-applied on male threads, this allows the appropriate sealant for the application to be applied by the user.
- conforms to FDA and 1934/2004 CE standards



## Legris Nickel-Plated Brass Push-In Fittings


### Features:

- configurations: elbows, unions, connectors, swivels, tees
- tube size: 5/32"-1/2" O.D.
- thread size: 10/32" UNF, 1/8" - 1/2" NPT
- working temperature: **5°F to 180°F**
- working pressure: vacuum to **290 PSI**. *Maximum circuit pressure depends equally on the type and diameter of the tube used.* 
- pre-applied thread sealant on all male NPT threads



## Legris Nylon/Nickel-Plated Brass Push-In Fittings

### Features:

- configurations: elbows, unions, connectors, swivels, tees, Y's, plugs
- tube size: 1/8"-1/2" O.D.
- thread size: 1/16" - 1/2" NPT
- working temperature: **-4°F to 175°F**
- working pressure: fittings rated to **290 PSI** at ambient temperature. *Maximum circuit pressure depends equally on the type and diameter of the tube used.* 
- vacuum capability: 28" Hg (99% vacuum)
- pre-applied thread sealant on all tapered male pipe threads



## Push-In Valves

### Features:

- configurations: mini ball, quick exhaust, in-line, flow control, check
- sizes: 5/32", 1/8", 1/4", 5/16", 3/8", 1/2"



## Metric Push-In Fittings




### Features:

- configurations: elbows, connectors, swivels, tees
- tube size: 4 mm to 10 mm O.D.
- thread size: 1/8", 1/4", 3/8" BSPT
- working temperature: **-4°F to 175°F**
- working pressure: fittings rated to **290 PSI** at ambient temperature
- pre-applied thread sealant on all tapered male pipe threads
- vacuum capability: vacuum of 28" Hg (99% vacuum)

## D.O.T Push-In Fittings

### Features:

- configurations: elbows, connectors, swivels, tees, unions, Y's
- tube size: 5/32", 3/16", 1/4", 3/8", 1/2" O.D.
- thread size: 1/8", 1/4", 3/8", 1/2" NPT
- working temperature: **-40°F to 230°F**
- working pressure: vacuum to **275 PSI** at ambient. *Maximum circuit pressure depends equally on the type and diameter of the tube used.* 
- specifications: meets D.O.T FMVSS 571.106 and SAE J1131, and SAE J2494-3



## Tubing



### Features:

- PVC tubing and hose cutters cutting from 3/4" to 2" OD
- copper tubing cutters permit cutting from 1/8" to 1-1/8" OD

## Cutters



### Features:

- tubing styles: polyurethane, polyethylene, nylon 11, metric nylon, D.O.T. airbrake, nylon 12, fluoropolymer FEP140

Dixon's couplings and retention devices are designed to work safely for their intended use. The selection of the proper hose, coupling and retention device, and the proper application of the coupling to the hose are of utmost importance.

Users must consider the size, temperature, application, media, pressure and hose and coupling manufacturer's recommendations when selecting the proper hose assembly components. Dixon recommends that all hose assemblies be tested in accordance with the Rubber Manufacturers Association's recommendations and be inspected regularly (before each use) to ensure that they are not damaged or have become loose. Visit RMA.org for more information. Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices such as safety clips or safety cables are recommended. If any problem is detected, couplings must be removed from service immediately.

Dixon is available to consult, train and recommend the proper selection and application of all fittings we sell. We strongly recommend that distributors and end users make use of Dixon's Testing and Recommendation Services. Call 877-963-4966 or click [dixonvalve.com](http://dixonvalve.com) to learn more.

### Dixon

800 High Street • Chestertown, MD 21620

ph 877.963.4966 • fx 877.963.4966

[dixonvalve.com](http://dixonvalve.com)