

**LEGRIS  
NYLON/NICKEL-PLATED BRASS  
PUSH-IN MALE ELBOW**



\* Referential image

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

DATE  
: 05/23/2026 05:58 PM

SKU  
: 3683

BRAND  
: DIXON VALVE

MODEL  
: 31090814

Use:

Compatible tubing: semi-rigid nylon, polyurethane and polyethylene tube  
Vacuum capability: vacuum of 28" Hg (99% vacuum)

Features:

Positive seal: sealing and holding is accomplished instantaneously  
Reusable: connect and disconnect numerous times  
Full flow: fitting seals on outside diameter of tubing  
Pre-applied thread sealant on all tapered male pipe threads  
The body is orientable for positioning purposes.

Construction:

Nickel-plated brass threads  
Black body is glass-filled nylon  
Buna-N D seal  
Polypropylene release button  
Silicone free

Installation

Quick connect and disconnect, no tools required.  
To connect, simply push tubing in.  
To disconnect, press the release ring towards the fitting and pull tubing out.

Safety notes:

Maximum circuit pressure depends equally on the type and diameter of the tube used.  
Pressure rating given at ambient temperature 70°F/21°C.  
WARNING: Cancer and Reproductive Harm- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## TECHNICAL SPECIFICATIONS

<b>Factory Part Number</b>	31090814
<b>Male Thread</b>	NPT
<b>Male Thread Size</b>	1/4"
<b>Material</b>	Nylon/Nickel-Plated Brass
<b>Seal</b>	Buna-N D seal
<b>Temperature Range</b>	-4°F to 175°F (-20°C to 79°C)
<b>Tube OD</b>	5/16"
<b>Weight Lb</b>	0.0340
<b>Working Pressure</b>	290 PSI at ambient temperature