

# ZoomLock PUSH

## Push-to-Connect Refrigerant Fittings



### Applications

- » High Pressure HVAC/R

### Product Parameters

- » **Continuous Operating Temperature:**  
250°F / 121°C
- » **O-Ring Temperature Rating:**  
-40°F to +300°F  
-40°C to +149°C
- » **Maximum Rated Pressure (MRP):**  
700 psi / 48 bar
- » **Minimum Burst Pressure (UL 207):**  
2,100 psi / 145 bar
- » **Vacuum Pressure Capability:**  
500 Microns
- » **External Leak Rate:**  
<0.1 Ounces of Helium per Year  
at Operating Pressure Range
- » **Vibration Resistance:**  
Conforms to UL109
- » **Size Availability (Inches):**  
1/4, 3/8, 1/2, 5/8, 3/4, 7/8

### Fitting Materials

- » **Fitting Body:**  
Refrigerant Grade Copper, per  
ASTM-B75 or ASTM-B743
- » **O-Ring:**  
HNBR

### Fitting Warranty

- » Read page 11 for more details.

### Compatibility

- » **Approved Oils:** POE
- » **Approved Tubing Materials:**  
Copper to Copper Connections
- » **Approved Tubing Tolerance:**  
ASTM B280, UNI EN 12735
- » **Approved Copper Tubing Types:**  
Hard Copper (Drawn)  
- 1/4" – 7/8" Type ACR, M, L, K  
Soft Copper (Annealed)  
- 1/4" – 7/8" Type ACR, L, K

### Approved Refrigerants

- » R134a, R410A

### Agency Approvals and Certifications

- » UL Listed SA7511  
Approved use for field and  
factory installations
- » ASHRAE-15, ANSI 15, ASME  
B31.5, ANSI 31.5

ZoomLock PUSH is NOT approved for use with HCFCs, i.e., R-22 (chlorinated refrigerants).

Refer to ZoomLockPUSH.com for the latest approved refrigerants list.