

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):**
870 psig / 60 bar
- » **Minimum Burst Pressure (UL 207):**
4,355 psig / 300 bar
- » **Vacuum Pressure Capability:**
200 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, 1-1/8

Fitting Materials

- » **Fitting Body:**
Brass
- » **O-Ring:**
R410A Optimized: HNBR
Removable: Chloroprene

Compatibility

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

Agency Approvals and Certifications

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

Fitting Warranty

- » Read page 13 for more details.

Approved Refrigerants

| Refrigerant | R410A Optimized Fittings | Removable Fittings |
|-------------|--------------------------|--------------------|
| R22 | — | ✓ |
| R32 | ✓ | ✓ |
| R134a | ✓ | ✓ |
| R290 | ✓ | ✓ |
| R404A | ✓ | ✓ |
| R407A | ✓ | ✓ |
| R407C | ✓ | ✓ |
| R407F | ✓ | ✓ |
| R410A | ✓ | ✓ |
| R448A | ✓ | ✓ |
| R449A | ✓ | ✓ |
| R454B | ✓ | ✓ |
| R507 | ✓ | ✓ |
| R600a | ✓ | ✓ |

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