METAL TO METAL SEALING

QUALITY STANDARDS

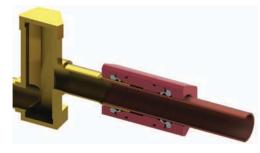
Technology solution for flare leaks and brazing problems

Eco friendly material









www.smartlockfitting.com

No Elastomers seal the refrigerant

CONTACT US

The Global SmartLock Group, Inc.

Headquarters

2701 Old Denton Rd; Suite 260 Carrollton, TX 75007

Operations

800 Port American Pl; #100 Grapveine, TX 76502

Main Sales Office

Tel: 980.333.4530 Fax: 980.231.2094

Email: sales@smartlockfitting.com

Sales and Service Office

(For South and Southwest Territories)
Tel: 214.304.2083

EASY INSTALLATION

H-AC/R Fitting solution to reduce your labor cost and installation time



PUSH



PEEL



LOCK



TIGHTEN



CHECK



High Pressure Quick Connection

Innovative Fitting for H-AC/R
CU & AL Line Connections



No Brazing
No Flaring
No Leaking



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APPLICATION

Simple Solution for Air Conditioning, Heat Pump AND Refrigeration Line Connections

Indoor Unit

Outdoor Unit

Including: Ductless Mini-Splits

Standard Unitary Swages

Multi Zone Systems

VRF Systems

Refrigeration Systems

Any refrigerant line

NO BRAZING

NO FLARING

NO WELDING

NO FIRE HAZARD

NO HOT WORK PERMIT

NO SPECIAL GAUGE

NO MARKER

NO SPECIAL TOOL

NO OXIDATION, NITROGEN PURGING

▶ TECHNOLOGY

TUBE MATERIAL COMPATIBILITY

- Applicable for Copper & Aluminum tubing.
- Other materials available (contact us).



APPLICATION SPECIFICATIONS

High Temperature
-40C to 150C (-40F~302F)

Design Pressure Range 1/4" -1700psig to 7/8" -960psig

Burst Pressure Range
1/4" -9700psig to 7/8" -4800psig
*Tube is the limiting factor in
system pressure

Refrigerant - any including:
R-717 (Ammonia)
R-410A (R-32 50%, R-125 50%)
R-22 (Chlorodifluorethane)
R-134a (1,1,1,2-Tetrafluoroethane)
R-744 (Carbon Dioxide)

▶ PRODUCT



Swage Union



Flare Connector



Union



Reducer



Elbow

Product size range 1/4" to 7/8"

Other sizes being developed

SPECIAL FITTINGS

