



## Klo-Shure® 9-Series Strut Mount Insulation Couplings

### Product Guide

The patented Klo-Shure 9-Series Insulation Couplings supports and secures the copper tube or iron pipe independent of the insulation. The insulation is then inserted into the coupling to provide a superior vapor barrier to other methods. The weight of the secured member will not crush or tear the insulation over time.



### Key Features

- UL Classified 2043 (25/50) for use in plenums and air handling systems.
- Superior vapor barrier at suspension points.
- Eliminate shock and vibration.
- Three times faster installation of fiberglass insulation than traditional methods.
- Dramatically improved finished appearance of insulated tubing.
- Eliminates insulation compression at suspension points.
- All metal components have a Trivalent (non-hex) plating.
- Available in 304 and 316 stainless steel.
- For use with strut mounted clamps.
- Available for 5/8" to 5-1/8" O.D. tube and 1/2" to 3" nominal pipe.
- Insulation wall thickness sizes includes: 1/2"; 1"; 1-1/2" and 2".
- Molded with high strength Thermoplastic Olefin (TPO).
- Temperature rating: -60°F to +225°F

### Use Recommendations

1. Coupling spacing should be no more than 60 diameters.
2. Install clamps as close as possible to each side of bend to prevent movement.
3. Overwrap of Klo-Shure coupling with insulation is not required.
4. Acceptable for horizontal, vertical, and inverted installations.

Klo-Shure 9-Series strut mounted parts include the Klo-Shure coupling, strut clamps with welded fastener and locknut.  
**For use with fiberglass insulation.**

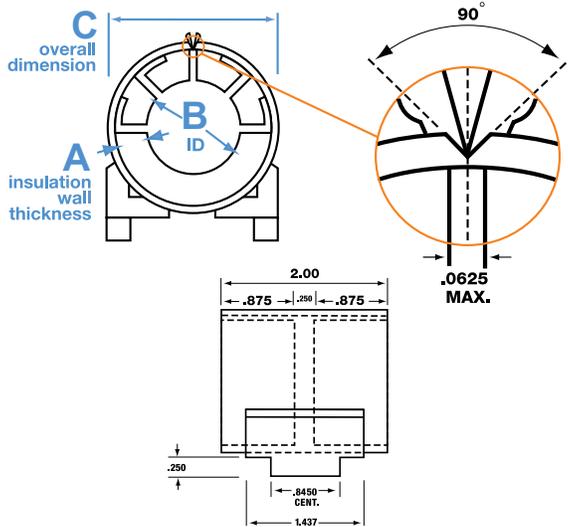


UL Standard 2043, 2<sup>nd</sup> Edition:  
"Fire Test for Heat and Visible Smoke Release  
for Discrete Products and Their Accessories  
Installed in Air-Handling Spaces."



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### Part Numbering System

All Klo-Shure couplings consist of a 6-digit part number. The example below shows the breakdown of typical part numbers.

**Part Number Example:** The example below shows our numbering system for strut mounted coupling for 1-5/8" tube with 1" wall insulation.

**928162**

**first digit**  
9 = series

**second digit**  
2 = strut mount  
0 = clevis

**third digit**  
insulation wall thickness based on 1/8" increments  
4 = 1/2"  
8 = 1"  
9 = 1-1/2"

**last three digits**  
outer diameter of the tubing/inner diameter of Klo-Shure coupling (decimal equivalent in inches)

A	B KLO-SHURE ID* TUBE OD	C OVERALL DIMENSION	PART NO.	QUANTITY PER BOX
Klo-Shure Strut Mounted Coupling <b>copper</b> tube sizes for <b>1/2"</b> wall fiberglass insulation	5/8" OD	1.787	924062	20
	7/8" OD	2.027	924087	20
	1-1/8" OD	2.287	924112	20
	1-3/8" OD	2.502	924137	10
	1-5/8" OD	2.847	924162	10
Klo-Shure Strut Mounted Coupling <b>copper</b> tube sizes for <b>1"</b> wall fiberglass insulation	2-1/8" OD	3.287	924212	10
	5/8" OD	3.010	928062	10
	7/8" OD	3.010	928087	10
	1-1/8" OD	3.010	928112	10
	1-3/8" OD	3.640	928137	10
	1-5/8" OD	3.640	928162	10
	2-1/8" OD	4.140	928212	10
	2-5/8" OD	4.650	928262	10
	3-1/8" OD	5.140	928312	10
	3-5/8" OD	5.690	928362	10
Klo-Shure Strut Mounted Coupling <b>iron</b> pipe sizes for <b>1-1/2"</b> wall fiber glass insulation	4-1/8" OD	6.870	928412	5
	5-1/8" OD	7.870	928512	5
	7/8" OD	4.140	929087	10
	1-1/8" OD	4.140	929112	10
	1-3/8" OD	4.650	929137	10
	1-5/8" OD	5.140	929162	10
	2-1/8" OD	5.138	929212	10
	2-5/8" OD	5.690	929262	10
Klo-Shure Strut Mounted Coupling <b>iron</b> pipe sizes for <b>2"</b> wall fiberglass insulation	3-1/8" OD	6.870	929312	5
	3-5/8" OD	6.870	929362	5
	4-1/8" OD	7.870	929412	5
	5/8" OD	4.650	922062	10
	7/8" OD	5.140	922087	10
	1-1/8" OD	5.140	922112	10
	1-3/8" OD	5.700	922137	10
1-5/8" OD	5.700	922162	5	
Klo-Shure Strut Mounted Coupling <b>iron</b> pipe sizes for <b>1-1/2"</b> wall fiber glass insulation	2-1/8" OD	6.870	922212	5
	2-5/8" OD	6.870	922262	5
	3-1/8" OD	7.870	922312	5
	3-5/8" OD	7.870	922362	5

A	B KLO-SHURE ID* TUBE OD	C OVERALL DIMENSION	PART NO.	QUANTITY PER BOX
Klo-Shure Strut Mounted Coupling <b>iron</b> pipe sizes for <b>1/2"</b> wall fiberglass insulation	1/2" pipe (0.84)**	2.027	924084	20
	3/4" pipe (1.05)**	2.287	924105	20
	1" pipe (1.31)**	2.502	924131	10
	1-1/4" pipe (1.66)**	2.847	924166	10
	1-1/2" pipe (1.90)**	3.287	924190	10
Klo-Shure Strut Mounted Coupling <b>iron</b> pipe sizes for <b>1"</b> wall fiberglass insulation	1/2" pipe (0.84)**	3.010	928084	10
	3/4" pipe (1.05)**	3.010	928105	10
	1" pipe (1.31)**	3.640	928131	10
	1-1/4" pipe (1.66)**	3.640	928166	10
	1-1/2" pipe (1.90)**	3.952	928190	10
	2" pipe (2.37)**	4.650	928237	10
Klo-Shure Strut Mounted Coupling <b>iron</b> pipe sizes for <b>1-1/2"</b> wall fiber glass insulation	2-1/2" pipe (2.87)**	5.140	928287	10
	3" pipe (3.50)**	5.752	928350	5
	1/2" pipe (0.84)**	4.140	929084	10
	3/4" pipe (1.05)**	4.140	929105	10
	1" pipe (1.31)**	4.650	929131	10
Klo-Shure Strut Mounted Coupling <b>iron</b> pipe sizes for <b>1-1/2"</b> wall fiber glass insulation	1-1/4" pipe (1.66)**	5.140	929166	10
	1-1/2" pipe (1.90)**	5.140	929190	10
	3" pipe (3.50)**	6.870	929350	5

**\*Note:** Klo-Shure ID equals copper pipe/tube O.D. Chart indicates coupling sizes currently available from Hydra-Zorb. All metal parts have Trivalent plating. Please contact Hydra-Zorb for 304 and 316 stainless steel hardware pricing.

**\*Note:** Nominal pipe O.D. listed in parenthesis.