



CS92 Silicone Cold Shrink Sleeve

Application

The CS92 Cold Shrink Protective Sleeve is an open ended silicone rubber sleeve pre-expanded and assembled onto a plastic removable core. The plastic core is removed when the sleeve is positioned for installation over an RCS mechanically attached fitting. Silicone Cold Shrink is used to protect the steel collars used on RCS fittings from moisture when installed under thermal insulation.

This cold shrink tube is recommended for all RCS fittings installed on insulated piping located outdoors and on all RCS fittings used at the piping connection to VRF outdoor units.

These sleeves should also be installed on RCS fittings wherever the piping insulation cannot be installed per the insulation manufacturer's instructions.

Installation

- 1 Locate the plastic core pull strip on the cold shrink and note the pull direction orientation.
- 2 **IMPORTANT:** Slide the Cold Shrink sleeve onto the tubing section to be joined before installing the RCS mechanically attached fittings. Make sure that adequate space is available to remove the plastic core in later step.
- 3 Install the RCS fitting per the detailed installation instructions.
- 4 After pressure and leak testing has shown the fitting joint to be acceptable, center the Cold Shrink sleeve on the fitting to be covered.
- 5 Pull the plastic strip slowly in the direction labeled on the Cold Shrink sleeve and allow the rubber sleeve on the opposite end to shrink onto the tube at the predetermined position on the copper tube.
- 6 After the rubber sleeve takes firm hold of the tube, continue to pull the strip smoothly till the entire plastic core is removed and the rubber sleeve is in complete contact with the copper tube and the enclosed fitting.
- 7 Insulate the piping system as required following the insulation manufacturer's detailed instructions.

FITTING RANGE Inches (mm)	PART NUMBER	LENGTH inches (mm)	DIAMETER Inches (mm)	OD Maximum Inches (mm)	OD Minimum Inches (mm)	THICKNESS After Shrinkage Inches (mm)
5/8" to 1/4"	CS92-0502	5.5 (140)	0.98 (25)	0.83 (21.0)	0.25 (6.3)	0.10 (2.5)
3/4" to 3/8"	CS92-0603	6.3 (160)	1.18 (30)	0.98 (25.0)	0.34 (9.1)	0.10 (2.5)
7/8" to 1/2"	CS92-0704	7.1 (180)	1.38 (35)	1.19 (30.1)	0.41 (10.4)	0.10 (2.5)
1-1/8" to 1/2"	CS92-0904	7.9 (200)	1.77 (45)	1.57 (40.0)	0.50 (12.7)	0.12 (3.0)
1-5/8" to 7/8"	CS92-1307	9.8(250)	2.36 (60)	2.09 (53.0)	0.72 (18.2)	0.12 (3.0)

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