



**CSI:** DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION  
Section: 07 21 00—Thermal Insulation

**Product Certification System:**

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee’s quality system.

**Product:** INSULATED PIPE HANGER / CLAMP ASSEMBLY “(AKA THE COZY CLIP)”

**Listee:** CRAIG J. DIPETRILLO / INSULCLIP

**Evaluation:** The Insulated Pipe Hanger/ Clamp Assembly “(aka The Cozy Clip)” consists of an extruded polyvinyl chloride (PVC) clip that supports polyethylene (PEX) tubing with compressed thermal insulation (see Figure 1). The Insulated Pipe Hanger/ Clamp Assembly “(aka The Cozy Clip)” applicable thermal insulation types were evaluated when testing each type of thermal insulation compressed to an average thickness of 0.25 inch (6.4 mm) to the following standard:

- ASTM C518 (-15, and -10), Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus, ASTM International.

**Findings:** When the thermal conductivity at an average thickness, density and specific mean temperature are tested in accordance with ASTM C518, the Insulated Pipe Hanger/ Clamp Assembly’s applicable thermal insulation types’ test results are as shown in Table 1. Based on each type of thermal insulation compressed to an average thickness of 0.25 inch (6.4 mm), the reported thermal resistance per inch (R-value) in Table 1 have met the minimum R-3 R-value requirements referenced in the applicable sections of the following code editions below.

**TABLE 1—TEST RESULTS THAT CONFORM WITH APPLICABLE REQUIREMENTS IN ASTM C518**

TYPE OF PIPE INSULATION USED WITH INSULATED PIPE CLIP	AVERAGE THICKNESS (inch)	DENSITY ρ (lb/ft³)	MEAN TEST TEMPERATURE $T_m$ (F)	TEMPERATURE DIFFERENCE Δ T (F)	THERMAL CONDUCTIVITY C (Btu inch / hr. ft² F)	THERMAL RESISTANCE PER INCH R-VALUE (hr. ft² F / Btu inch)
½-INCH-THICK FOAM	0.25	1.35	74.7	50.4	0.329	3.08
½-INCH-THICK RUBBER TUBULAR	0.25	1.35	74.7	50.4	0.315	3.42

For SI: 1 inch = 25.4 mm; 1 ft = 305 mm; 1 lb/ft³ = 16.02 kg/m³; 1 hr. ft² F / Btu = 0.176 m² K/W

- 2018 and 2015 *International Energy Conservation Code*® (IECC)  
Applicable Sections: C404.4 Exception 7, R403.4, and R403.5.3
- 2018 and 2015 *International Plumbing Code*® (IPC)  
Applicable Section: 607.5

**Identification:**

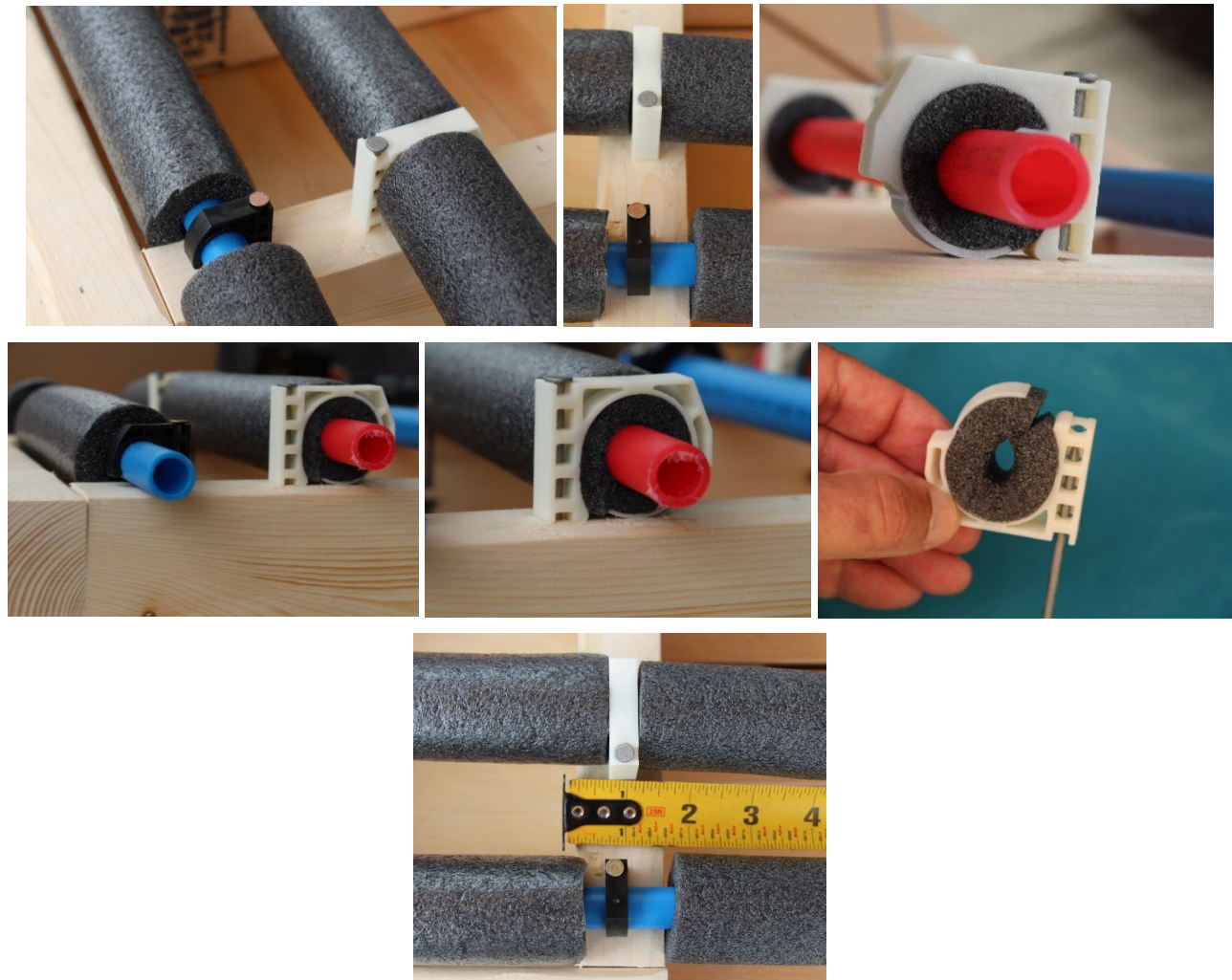
1. The Insulated Pipe Hanger/ Clamp Assembly “(aka The Cozy Clip)” products described in this listing report shall be identified by stamp or label on the each packaging indicating the manufacturer’s name (Craig J. DiPetrillo / InsulClip), the product name (Insulated Pipe Hanger/ Clamp Assembly “(aka The Cozy Clip)”), the ICC-ES listing report number (ESL-1246), and the ICC-ES listing mark.
2. The report holder’s contact information is the following:

**INSULCLIP CORPORATE OFFICE**  
**CRAIG J. DIPETRILLO**  
**15 THOMAS STREET, SUITE C**  
**NORTH PROVIDENCE, RHODE ISLAND 02911**  
**(401) 262-5888**  
[www.InsulClip.com](http://www.InsulClip.com)

**Installation:** The product must be installed in accordance with Craig J. DiPetrillo/ InsulClip’s published installation instructions and applicable codes.

**Conditions of Listing:**

1. The listing report addresses only conformance with the standard and code sections noted above.
2. Approval of the product’s use is the sole responsibility of the local code official.
3. The listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. The Insulated Pipe Hanger/ Clamp Assembly “(aka The Cozy Clip)” products are manufactured under a quality control program with inspections by ICC-ES.



**FIGURE 1—INSULATED PIPE HANGER / CLAMP ASSEMBLY “(AKA THE COZY CLIP)”**