

Cerro Advantage Press™ Tube Overview



Press Home The Advantage™

www.cerrowflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Introduction

Cerro Advantage Tube is a patented engineered copper tube that has been designed specifically for installation in copper press systems. It is the 'bell and spigot' of copper tube in copper press systems.

Each piece delivers significant total installed cost savings by eliminating the need for a copper press coupling and its associated installation steps.


Contractors across the country are reporting typical labor savings of between 30 and 60%.

Some of the additional benefits include having less joints results in a more seamless system and the product has superior alignment than using a copper tube and press coupling .



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Main Features and Benefits

- Installs twice as fast as traditional copper tube and press fittings
- Integral press end
- Deburred opposite end allowing for instant installation straight from the bundle
- O-ring with cap
- Built-in stop
- Reduces waste by eliminating fittings packaging
- Eliminates risk of fitting theft
- Available in ½” thru 2” sizes in lengths of 10 and 20 foot in both single hub and double hub format
- Random lengths are available upon request



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company


Installation Speed

Witness an installation video of Advantage Tube installing twice as fast as traditional copper tube and press fittings at www.cerroflow.com/advantage or on YouTube (search for Cerro Advantage Tube).



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Common Field Issues In Copper Press Systems

Common issues:


- System misalignment/warping with associated stress placed on hangers
- Difficulty to install due to misalignment
- Fittings pressed with 'out of round' or undersized tube
- Fittings pressed at incorrect insertion depth
- Incorrectly deburred tube cutting/nicking O-rings

Advantage Tube has been engineered to address each of these issues.



Press Home The Advantage™

www.cerrowflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Specifications

Current Sizes	10 & 20 ft., ½", ¾", 1", 1¼", 1½", 2" Single or double hub
Applications	Potable Water System, Chilled and Hot Water Systems, Non-Potable Process Water Systems, Mild Vacuum
Installations	New Construction/Repair/Retrofit
Approvals	IAPMO PS-117, UPC, NSF/ANSI 61
Operating Pressure	200psi CWP
Temperature Range	0°F - 250°F (non potable treated) 32°F - 250°F (potable water)



Press Home The Advantage™

www.cerrowflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

UPC Certified, IPC & NSF/ANSI 61 Compliant

IAPMO RESEARCH AND TESTING, INC.
5001 East Philadelphia Street, Ontario, California 91761-2816 • (909) 472-4100 Fax (909) 472-4244 • www.iapmo.org







CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Effective Date:	May 2011	Void After: May 2012
Product:	Copper Fittings (Press Type)	File No. 5955
Issued To:	Cerro Flow Products Llc 3000 Mississippi Ave. Sauget, IL 62286	

IDENTIFICATION: Each fitting shall be permanently marked with the manufacturer's name or trademark, nominal size or sizes, and the UPC® certification mark.

CHARACTERISTICS: Copper press fittings with rubber O-rings to be used with copper water tube. The press joint is made with a special hydraulic compression tool. To be installed in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code.

Products comply with the applicable sections of the latest edition of the Uniform Plumbing Code®. Manufactured in compliance with IAPMO PS 117-2000.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.


Chairman, Product Certification Committee


CEO, The IAPMO Group



For the most accurate and updated information please visit <http://ipd.iapmo.org/6535>

This listing is for the period indicated herein and is void after the date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Reproduction of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing.

DOC#81A

IAPMO RESEARCH AND TESTING, INC.
5001 East Philadelphia Street, Ontario, California 91761-2816 • (909) 472-4100 Fax (909) 472-4244 • www.iapmo.org





NSF / ANSI 61

CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Effective Date:	October 2011	Void After: October 2012
Product:	Copper Pipe and Tubing	File No. N-6535
Issued To:	Cerro Flow Products Llc P.O. Box 66800 Saint Louis, MO 63166	

IDENTIFICATION: Each fitting shall bear permanent legible markings to identify the manufacturer. This marking shall be the trade name, trademark, or other mark known to identify the manufacturer. The product shall also bear all other markings required by the standard. The marking shall be located where it can be readily seen after installation is complete.

CHARACTERISTICS: Fitting products are to be installed in accordance with the manufacturer's instructions.

Manufactured in compliance with NSF/ANSI 61-2010a.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.


Chairman, Product Certification Committee


CEO, The IAPMO Group



For the most accurate and updated information please visit <http://ipd.iapmo.org/6535>

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing.

DOC#81A

Full certifications and Approval reports available at
www.cerrowflow.com/advantage



Press Home The Advantage™

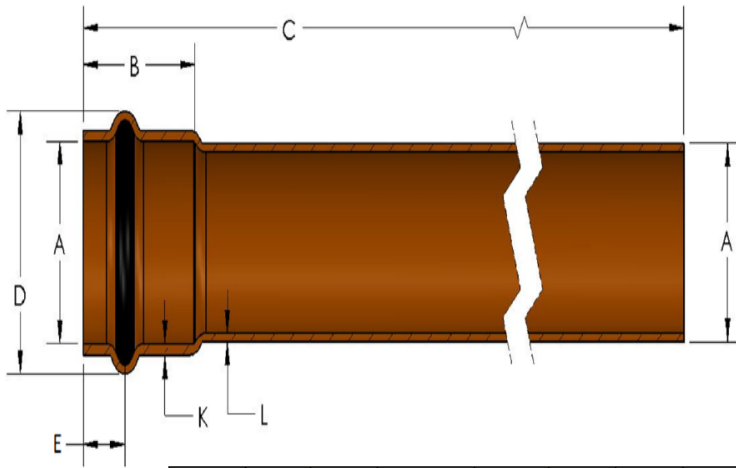
www.cerrowflow.com • 1.888.237.7611

 A Marmom Flow Products/Berkshire Hathaway Company

CAD Drawings & Submittal

Available at www.cerrowflow.com/advantage

Including: REVIT, DWG, DXF, IGS



US Patent No.:
7,942,456 &
7,987,690

Nominal	A	B	C	D (Max)	E	K	L
1/2"	0.625	0.875	10' or 20'	1.00	0.313	0.049	0.040
3/4"	0.875	1.00	10' or 20'	1.25	0.375	0.065	0.045
1"	1.125	1.00	10' or 20'	1.50	0.375	0.065	0.050
1-1/4"	1.375	1.25	10' or 20'	1.75	0.375	0.065	0.055
1-1/2"	1.625	1.50	10' or 20'	2.10	0.500	0.072	0.060
2"	1.125	1.75	10' or 20'	2.60	0.625	0.083	0.070

Dimensions are inches unless noted and subject to manufacturing tolerances.



www.cerrowflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company


Internal Testing by Cerro



ADVANTAGE
PRESS™ TUBE
Press Home The Advantage™

Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Warranty

Our rigorous testing has allowed us to offer a 50 year limited commercial warranty. The only copper tube product today with a commercial warranty.



CERRO ADVANTAGE PRESS™ TUBE LIMITED WARRANTY

Cerro Flow Products, Inc. ("Cerro") hereby expressly warrants that its Cerro Advantage Press™ Tube products ("Products"), when properly installed in commercial plumbing or commercial mechanical applications that are within Cerro's specifications for the Products, will be free from defects in material and workmanship under normal use and service for a period of 50 years from the date of installation.

This Limited Warranty does not cover failures due to or in any way arising out of:

- Any part that is not manufactured by Cerro, including the O-ring.
- Failure to install the Product in accordance with recommended installation guidelines provided by Cerro.
- Abuse, misuse, mishandling, tampering, neglect or accidental damage.
- Natural disasters such as flooding, windstorm, lightning.
- Attachments or modifications to the Product that are not authorized in advance in writing by Cerro.
- Improper installation or use of the Product.
- Failure to properly maintain the Product.
- External environmental causes, such as water quality variations, aggressive water, or other external chemical or physical conditions.

If Cerro is notified in writing within the warranty period of a defect in any Product, and if Cerro determines that such Product is not in conformity with the warranty given here under Cerro will replace, F.O.B. point of manufacture, the defective Product, provided such Product is returned to Cerro's plant freight prepaid. No Product shall be returned without Cerro's prior written approval. Cerro shall not be liable for any removal, reinstallation or other labor cost.

THIS IS CERRO'S ONLY WARRANTY. CERRO MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ALL IMPLIED WARRANTIES OR MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED BY CERRO AND EXCLUDED. This Limited Warranty may not be changed except in writing by an authorized officer of Cerro. Any action for any alleged breach of this Limited Warranty must be commenced within one year after such alleged breach occurred or shall be forever barred.

The remedies stated above shall be exclusive for any and all claims by the original user, or anybody claiming through the original user, against Cerro, whether based on contract, negligence, tort, or any other theory. IN NO EVENT SHALL CERRO BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSSES, OR EXPENSES.

This Limited Warranty gives buyer specific legal rights. Buyer may also have other rights which may vary from state to state.



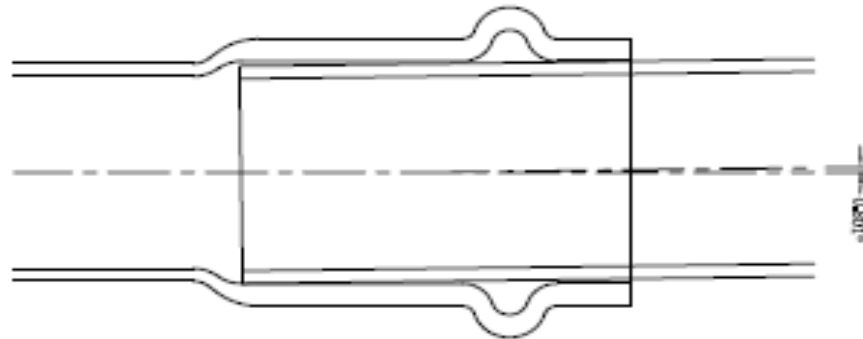
Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611



Perfect Fit Design/Deflection Issue

Our perfect fit design ensures optimal straightness and significantly reduces deflection.



ADVANTAGE TUBE PERFECT FIT DESIGN

SCALE: 4:1



COPPER TUBE JOINED WITH PRESS FITTINGS

SCALE: 1/16" = 1"



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Tool Compatibility

Advantage Press Tube has been extensively tested, and works with commercially available tools including;

Stanley Virax
Ridgid
REMS
Rothenberger



This further ensures Advantage Press Tube is a natural extension for those contractors using copper press systems.



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Installation Example: Retail Store, St Louis



“Speed is everything and look I’ve installed over 100ft of copper there, where I previously would have only had a couple of joints up, it definitely saves time”

Patrick Cochrane – Merlo Plumbing Installer



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Installation Example: Food Manufacturing Facility, Knoxville



“The product certainly aligns a lot straighter which often is an issue we’ve encountered with press fittings on runs over several lengths”

Bobby French – French
Plumbing & Mechanical



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Case Study – Engineering Report

Conducted by Julius Ballanco, P.E., JB Engineering and Code Consulting
Location: Naperville Central High School, Naperville, IL.

System: 18,000 ft. ½” thru 2” copper.

Engineering Report available at www.cerroflow.com/advantage



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Additional Information: www.cerrowflow.com



cerro
Flow Products LLC[®]

ABOUT US CAREERS CONTACT US TERMS OF USE SITE MAP

Spanish

PRODUCTS PRICING BID SUBMITTAL/CERTIFICATION B2B SERVICES INDUSTRY LINKS

Always Moving Forward.[®]

Watch the Video Now

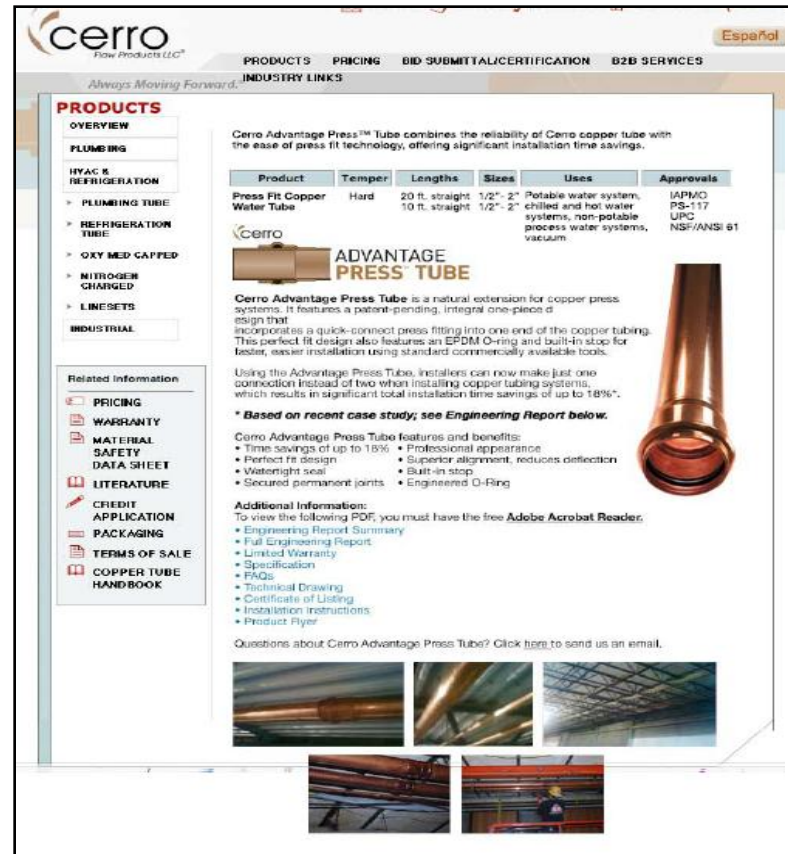
Cerro Advantage Press™ Tube
See our installation comparison video by clicking above.

Welcome to Cerro Flow Products, a manufacturer of world-class grade copper tube for the **plumbing**, **HVAC**, **refrigeration**, and **industrial** markets. We're known for our superior product quality, unparalleled customer service, expert technical support and an expansive U.S. manufacturing, warehousing and distribution network that ensures high fill rates and on-time deliveries.

Always Moving Forward.[®]

AMERICAN RECOVERY & REINVESTMENT ACT/LEAD FREE LEGISLATION

Cerro Flow Products - Stimulus Act Buy American Provision >> [Download PDF](#)



cerro
Flow Products LLC[®]

Spanish

PRODUCTS PRICING BID SUBMITTAL/CERTIFICATION B2B SERVICES

Always Moving Forward.[®]

INDUSTRY LINKS

PRODUCTS

OVERVIEW

PLUMBING

HVAC & REFRIGERATION

INDUSTRIAL

Related Information

- PRICING
- WARRANTY
- MATERIAL SAFETY DATA SHEET
- LITERATURE
- CREDIT APPLICATION
- PACKAGING
- TERMS OF SALE
- COPPER TUBE HANDBOOK

Cerro Advantage Press™ Tube combines the reliability of Cerro copper tube with the ease of press fit technology, offering significant installation time savings.

Product	Temper	Lengths	Sizes	Uses	Approvals
Press Fit Copper Water Tube	Hard	20 ft. straight 10 ft. straight	1/2" - 2" 1/2" - 2"	Potable water systems, chilled and hot water systems, non-potable process water systems, vacuum.	IAPMO IPC-117 UPC NSF/ANSI 61

ADVANTAGE PRESS TUBE

Cerro Advantage Press Tube is a natural extension for copper press systems. It features a patent-pending, integral one-piece design that incorporates a quick-connect press fitting into one end of the copper tubing. This perfect fit design also features an EPDM O-ring and built-in stop for faster, easier installation using standard commercially available tools.

Using the Advantage Press Tube, installers can now make just one connection instead of two when installing copper tubing systems, which results in significant total installation time savings of up to 18%.

***Based on recent case study, see Engineering Report below.**

Cerro Advantage Press Tube features and benefits:

- Time savings of up to 18%
- Perfect fit design
- Water tight seal
- Secured permanent joints.
- Professional appearance
- Superior alignment, reduces deflection
- Built-in stop
- Engineered O-Ring

Additional Information:
To view the following PDF, you must have the free **Adobe Acrobat Reader**.

- Engineering Report Summary
- Full Engineering Report
- Limited Warranty
- Specification
- FAQs
- Technical Drawing
- Certificate of Listing
- Installation Instructions
- Product Flyer

Questions about Cerro Advantage Press Tube? [Click here](#) to send us an email.



Press Home The Advantage™

www.cerrowflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company

Summary



**COMES DEBURRED AND
READY TO INSTALL,
STRAIGHT FROM THE BUNDLE**

Advantage Press Tube features an integral press end, complete with an O-ring and built-in stop. Plus, the opposite end comes deburred and designed for a perfect fit.



**FEATURES A SINGLE PRESSING
POINT, WITH NO SEPARATE
FITTINGS TO DEAL WITH**

One pressing point instead of two is faster, more seamless and results in a straighter run. Plus, no separate fittings eliminates packaging waste and the risk of theft.

www.cerroflow.com/advantage

**DRASTICALLY REDUCES
INSTALLATION TIME, BY MORE
THAN HALF IN OUR TEST**

Our side-by-side comparison resulted in a time savings of more than 55% over traditional copper tube and press fittings. But don't take our word for it. Watch for yourself today!



Press Home The Advantage™

www.cerroflow.com • 1.888.237.7611

 A Marmon Flow Products/Berkshire Hathaway Company