

IAPMO RESEARCH AND TESTING, INC.

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CERTIFICATE OF LISTING



IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of 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/or 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.

Issued To:

Cremco/Anaco

1001 EL CAMINO AVE. CORONA, CA 92879-1704 , United States

Product:

Shielded Transition Couplings

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)
National Plumbing Code of Canada
International Plumbing Code (IPC®)

Products are certified to the following standard(s):

ASTM C1460-2019 and CSA B602-2020

File Number: 5794

Effective Date: September 2019

Void After: September 2024*


Chairman, Product Certification Committee




Chief Technical Service Officer

*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

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. This document shall be reproduced in its entirety.

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Identification:

Each gasket shall be permanently marked with the manufacturer's name or U.S. registered trademark, country of origin, the pipe size and class for which it is designed, and Specification C564. Each clamp assembly shall be labeled or permanently marked with the manufacturer's name or U.S. registered trademark, country or origin, the pipe size, and class for which it is designed, and Specification C1460. The label or markings on clamp assemblies shall be visible after installation. Product shall also bear the cUPC® certification mark.

Characteristics:

Shielded Transition Couplings for use with dissimilar DWV pipe and fitting above ground. To be installed with IAPMO R&T listed pipe and fittings, and in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code.

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.

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Models

Note: Models preceded by a "*" are in compliance with ASTM C1460-2012 and shall bear the UPC® certification mark only.

CREMCO®

| Model Number | Description |
|--------------|---|
| 5010 | 1-1/2" CI, PL, ST to 1-1/2" PL or ST |
| 5011 | 1-1/2" CI, PL, ST to 1-1/2" CU or 1-1/4" PL |
| 5012 | 1-1/2" CI, PL, ST to 1-1/4" CU or I" PL |
| 5014 | 1-1/2" CI TO 3/4" PL, ST or I" CU |
| 5020 | 2" CI, PL, ST to 2" PL or ST |
| 5021 | 2" CI, PL, ST to 2" CU |
| 5022 | 2" CI, PL, ST to 1-1/2" CU or 1-1/4" PL |
| 5023 | 2" CI, PL, ST to 1-1/2" PL or ST |
| 5024 | 2" CI, PL, ST to 1-1/4" CU or I" PL |
| 5025 | 2" CI to 1" CU |
| 5030 | 3" CI to 3" PL, ST or XH CI |
| 5031 | 3" CI to 2" CU |
| 5032 | 3" CI to 3" CU |
| 5033 | 3" CI, PL, ST to 1-1/2" CU or 1-1/4" PL |
| 5040 | 4" CI to 4" PL, ST or XH CI |
| 5043 | 4" CI to 3" CU |
| 5044 | 4" CI to 4" CU |
| 5050 | 5" CI to 5" PL, ST or XH CI |
| 5060 | 6" CI to 6" PL, ST or XH CI |
| 5080 | 8" CI to 8" PL, ST or XH CI |

Husky®

| Model Number | Description |
|--------------|----------------------|
| 2101 | 2" C.I. to 1-1/2" Cu |

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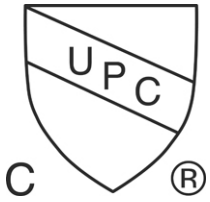
Void After: September 2024

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| Model Number | Description |
|--------------|---|
| 2102 | 2" C.I. to 2" Cu |
| 2202 | 1-1/2" CI to PL |
| 2206 | 2" CI to PL |
| 2208 | 3" CI to PL |
| 2210 | 4" CI to PL |
| 4101 | 2" C.I. to 1-1/2" Cu |
| 4102 | 2" C.I. to 2" Cu |
| 4202 | 1 1/2" CI to PL |
| 4206 | 2" CI to PL |
| 4208 | 3" CI to PL |
| 4210 | 4" CI to PL |
| *4214 | 6" CI to 6" PL |
| *4216 | 8" CI to 8" PL |
| *4217 | 10" CI to 10" PL |
| BWT 150 | 1 1/2 TU - 1 1/2 TU |
| C315 | 3" CI - 1 1/2 CI PL ST |
| C320 | 3" CI - 2" CI PL ST |
| C420 | 4" CI - 2" CI PL ST |
| C430 | 4 CI - 3 CI |
| C540 | 5 CI - 4 CI |
| C640 | 6 CI - 4 CI |
| K150 | 1 1/4" PL ST, 1 1/2" CU - 1 1/4" PL ST, 1 1/2" CU |
| K200 | 2 CU - 2" CU |
| K215 | 1 1/4" PL ST, 1 1/2" CU - 2 CU |
| K300 | 3 CU - 3 CU |
| K320 | 2 CU - 3 CU |
| K400 | 4 CU - 4 CU |
| KC215 | 2 CU - 1 1/2" PL ST CU |
| KC32 | 3 CU - 2 PL ST CI |

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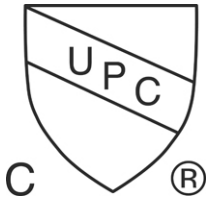
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| Model Number | Description |
|--------------|---|
| KC43 | 4 CU - 3 CI |
| KT150 | 1 1/4" PL ST, 1 1/2" CU - 1 1/2" TU |
| KT215 | 2 CU - 1 1/2" TU |
| P100 | 1" PL ST, 1 1/4" CU - 1" PL ST, 1 1/4" CU |
| P300 | 3" PL ST XH - 3" PL ST XH |
| P400 | 4" PL ST XH - 4" PL ST XH |
| P430 | 4" PL ST XH - 3" PL ST XH |
| P600 | 6" PL ST XH - 6" PL ST XH |
| P800 | 8" PL ST XH - 8" PL ST XH |
| PC32 | 3" PL ST XH - 2" PL ST CI |
| PC43 | 4" PL ST XH - 3" CI |
| PK33 | 3" PL ST XH - 3" CU |
| T150 | 1 1/2" PL ST CI - 1 1/2" TU |
| T215 | 2" PL ST CI - 1 1/2" TU |
| TWC43 | 4" TWP - 3" CI |
| TWC44 | 4" TWP - 4" CI |
| TWP43 | 4" TWP - 3" PL ST XH |
| TWP44 | 4" TWP - 4" PL ST XH |

Note: CI=Cast Iron, PL=Plastic, ST=Steel, CU=Copper, TU=Tubular, XH=Extra Heavy

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Additional Company Information

Tianjin Kainuo Industrial Co., Ltd

| Model Number | Description |
|--------------|---|
| CP150 | 1-1/2" CI, PL, ST to 1-1/2" PL or ST |
| CK115 | 1-1/2" CI, PL, ST to 1-1/2" CU or 1-1/4" PL |
| CK1125 | 1-1/2" CI, PL, ST to 1-1/4" CU or I" PL |
| CK110 | 1-1/2" CI TO 3/4" PL, ST or I" CU |
| CP200 | 2" CI, PL, ST to 2" PL or ST |
| CK22 | 2" CI, PL, ST to 2" CU |
| CK215 | 2" CI, PL, ST to 1-1/2" CU or 1-1/4" PL |
| CP215 | 2" CI, PL, ST to 1-1/2" PL or ST |
| CK2125 | 2" CI, PL, ST to 1-1/4" CU or I" PL |
| CK210 | 2" CI to 1" CU |
| CP33 | 3" CI to 3" PL, ST or XH CI |
| CK32 | 3" CI to 2" CU |
| CK33 | 3" CI to 3" CU |
| CK315 | 3" CI, PL, ST to 1-1/2" CU or 1-1/4" PL |
| CP44 | 4" CI to 4" PL, ST or XH CI |
| CK43 | 4" CI to 3" CU |
| CK44 | 4" CI to 4" CU |
| CP55 | 5" CI to 5" PL, ST or XH CI |
| CP66 | 6" CI to 6" PL, ST or XH CI |
| CP88 | 8" CI to 8" PL, ST or XH CI |