

IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 – USA • 909-472-4100 • 909-472-4244 • www.iapmort.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.

The most updated information on this Certificate of Listing is available online at pld.iapmo.org

Effective Date: September 2017 Void After: September 2018

Product: Hubless Pipe Repair Couplings (Unshielded) File No. 4224

Issued To: Mission Clay Products Corporation
1660 Leeson Lane
Corona, CA 92879

Identification: Manufacturer's name or trademark, model number, pipe size and UPC® certification mark.

Characteristics: Elastomeric couplings in straight or reducing sizes to join any two listed sewer materials. The couplings consist of an elastomeric sleeve with two 300 Series stainless steel bands, one at each end of the coupling. These fittings are listed as repair couplings only, and their use is limited to underground applications only. To be installed 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.

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

Uniform Plumbing Code (UPC®)
International Plumbing Code (IPC®)


Chairman, Product Certification Committee


CEO, The IAPMO Group



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.



IAPMO RESEARCH AND TESTING, INC.
CERTIFICATE OF LISTING

Void After: September 2018

Product: Hubless Pipe Repair Couplings (Unshielded)

File No. 4224

Issued To: Mission Clay Products Corporation

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

ASTM C 1173-2010e1



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Void After: September 2018

Product: Hubless Pipe Repair Couplings (Unshielded)

File No. 4224

Issued To: Mission Clay Products Corporation

MODELS:

COUPLINGS

<u>Model No.</u>	<u>Description</u>
0403 428	3" Type I Mission Standard Coupling
0403 444	3" Trailer/Drain
0404 624	4" Type O Mission Standard Coupling
0404 632	4" Asbestos Cement - Ductile Iron Coupling for Asbestos Cement or Ductile Iron Pipe
0404 657	4" Concrete Coupling
0404 665	4" Clay Coupling
0404 723	4" Plastic/Cast Iron Sewer/Drain Coupling
0404 749	4" x 3" Plastic, Cast Iron Sewer/drain
0405 027	5" Type I Coupling for 5" Clay Pipe
0406 652	6" Type I Mission Standard Coupling
0406 686	6" Asbestos Cement - Ductile Iron Coupling for Asbestos Cement or Ductile Iron Pipe
0406 678	6" Adjustable Repair Coupling
0406 694	6" Type O Coupling for Concrete Pipe
0406 728	6" Clay Coupling
0406 736	6" x 4" Increaser Coupling
0406 744	6" x 4" Increaser Coupling
*0406 751	6" Adjustable Repair Coupling
0406 769	6" Adjustable Repair Coupling
*0406 793	6" Type O Adjustable Repair/Transition Coupling
0406 801	6" Plastic/Cast Iron Sewer/Drain Coupling
0406 819	6" x 4" Plastic, Cast Iron Sewer/Drain Coupling
*0408 781	8" Adjustable Repair Coupling
*0408 807	8" Adjustable Repair/Transition Coupling
*0408 815	8" Asbestos Cement Adjustable Repair/Transition Coupling
0408 864	8" x 6" Clay Increaser Coupling
*0410 688	10" Adjustable Repair Coupling
*0410 704	10" Adjustable Repair/Transition Coupling
*0410 720	10" Adjustable Repair/Transition Coupling
*0412 635	12" Adjustable Repair Coupling
*0412 650	12" Adjustable Repair/Transition Coupling
*0412 684	12" Type O Adjustable Repair/Transition Coupling
*1401 017	1-1/4" Plastic, 1-1/2" Tubing or Copper
(MR56 125)	1-1/4" Plastic, 1-1/2" Tubing or Copper Coupling
1401 058	1-1/2" Cast Iron or Plastic to 1-1/2"
(MR56 15/125)	Tubing or Copper or 1-1/4" Plastic Coupling
*1401 066	1-1/2" Cast Iron or Plastic to 1-1/2" Cast Iron or Plastic Coupling
(MR56 15)	
1402 015	2" Cast Iron or Plastic to 1-1/2" Tubing or Copper or 1-1/4" Plastic Coupling
(MR56 22/125)	
1402 023	2" Cast Iron or Plastic to 1-1/2" Cast Iron or Plastic Coupling
(MR56 215)	



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Void After: September 2018

Product: Hubless Pipe Repair Couplings (Unshielded)

File No. 4224

Issued To: Mission Clay Products Corporation

*1402 031 (MR56 22)	2" Cast Iron or Plastic to 2" Cast Iron or Plastic Coupling
1403 013 (MR56 32)	3" Cast Iron or Plastic to 2" Cast Iron or Plastic Coupling
*1403 021 (MR56 33)	3" Cast Iron or Plastic to 3" Cast Iron or Plastic Coupling
1404 011 (MR56 42)	4" Cast Iron or Plastic to 2" Cast Iron or Plastic Coupling
1404 029 (MR56 43)	4" Cast Iron or Plastic to 3" Cast Iron or Plastic Coupling
*1404 037 (MR56 44)	4" Cast Iron or Plastic to 4" Cast Iron or Plastic Coupling
*1404 045 (MR56 44 ARC)	4" Cast Iron or Plastic to 4" Cast Iron or Plastic Coupling
*1404 110 (MR01 44)	4" Clay to 4" Clay Coupling
*1404 128 (MR01 44 ARC)	4" Clay to 4" Clay Adjustable Repair Coupling
1404 219 (MR02 44)	4" Clay to 4" Cast Iron or Plastic Coupling
1404 227 (MR02 43)	4" Clay to 3" Cast Iron or Plastic Coupling
1404 417 (MR06 44)	4" Concrete to 4" Cast Iron or Plastic Coupling
1404 516 (MR51 44)	4" Asbestos Cement - Ductile Iron to 4" Cast Iron or Plastic Coupling
*1405 018 (MR56 55)	5" Cast Iron or Plastic to 5" Cast Iron or or Plastic Coupling
*1405 026 (MR56 55 ARC)	5" Cast Iron or Plastic to 5" Cast Iron or Plastic Adjustable Repair Coupling
1405 216 (MR02 55)	5" Clay to 5" Cast Iron or Plastic Coupling
1406 016 (MR56 64)	6" Cast Iron or Plastic to 4" Cast Iron or Plastic Coupling
*1406 024 (MR56 66)	6" Cast Iron or Plastic to 6" Cast Iron or Plastic Coupling
*1406 032 (MR56 66 ARC)	6" Cast Iron or Plastic to 6" Cast Iron or Plastic Adjustable Repair Coupling
1406 115 (MR01 64)	6" Clay to 4" Clay Coupling
1406 123 (MR01 64 TYPE O)	6" Oversized Clay to 4" Clay Coupling
*1406 131 (MR01 66)	6" Clay to 6" Clay Coupling
*1406 149 (MR01 66 ARC)	6" Clay to 6" Clay Adjustable Repair Coupling
1406 214 (MR02 64)	6" Clay to 4" Cast Iron or Plastic Coupling



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Void After: September 2018

Product: Hubless Pipe Repair Couplings (Unshielded)

File No. 4224

Issued To: Mission Clay Products Corporation

1406 222 (MR02 65)	6" Clay to 5" Cast Iron or Plastic Coupling
1406 230 (MR02 66)	6" Clay to 6" Cast Iron or Plastic Coupling
1406 248 (MR02 46)	4" Clay to 6" Cast Iron or Plastic Coupling
*1406 313 (MR04 66)	6" Concrete to 6" Concrete Coupling
*1406 321 (MR04 66 ARC)	6" Concrete to 6" Concrete Adjustable Repair Coupling
1406-412 (MR06 64)	6" Concrete to 4" Cast Iron or Plastic Coupling
1406 420 (MR06 65)	6" Concrete to 5" Cast Iron or Plastic Coupling
1406 438 (MR 06 66)	6" Concrete to 6" Cast Iron or Plastic Coupling
1406 511 (MR51 66)	6" Asbestos Cement - Ductile Iron to 6" Cast Iron or Plastic Coupling
*1406 529 (MR51 66 ARC)	6" Asbestos Cement - Ductile Iron to 6" Cast Iron or Plastic Adjustable Repair Coupling
1406 537 (1406 64)	6" Asbestos Cement - Ductile Iron to 4" Cast Iron or Plastic Coupling
*1408 012 (MR56 88)	8" Cast Iron or Plastic to 8" Cast Iron or Plastic Coupling
*1408 020 (MR56 88 ARC)	8" Cast Iron or Plastic to 8" Cast Iron or Plastic Adjustable Repair Coupling
1408 038 (MR56 86)	8" Cast Iron or Plastic to 6" Cast Iron or Plastic Coupling
*1408 111 (MR01 88)	8" Clay to 8" Clay Adjustable Repair Coupling
*1408 129 (MR01 88 ARC)	8" Clay to 8" Clay Adjustable Repair Coupling
1408 210 (MR02 88)	8" Clay to 8" Cast Iron or Plastic Coupling
1408 228 (MR02 88 ARC)	8" Clay to 8" Cast Iron or Plastic Coupling
1408 236 (MR02 86)	8" Clay to 6" Cast Iron or Plastic Coupling
1408 517 (MR51 88)	8" Asbestos Cement - Ductile Iron to 8" Cast Iron or Plastic Coupling
1408 525 (MR51 88 ARC)	8" Asbestos Cement - Ductile Iron to 8" Cast Iron or Plastic Coupling
1408 616 (MR03 88)	8" Clay to 8" Asbestos Cement - Ductile Iron Coupling
*1410 018 (MR56 1010)	10" Cast Iron or Plastic to 10" Cast Iron or Plastic Coupling
*1410 026 (MR56 1010 ARC)	10" Cast Iron or Plastic to 10" Cast Iron or Plastic Coupling



IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING

Void After: September 2018

Product: Hubless Pipe Repair Couplings (Unshielded)

File No. 4224

Issued To: Mission Clay Products Corporation

*1410 117 10" Clay to 10" Clay Coupling
(MR01 1010)
*1410 125 10" Clay to 10" Clay Adjustable Repair
(MR01 1010 ARC) Coupling
1410 216 10" Clay to 10" Cast Iron or Plastic
(MR02 1010) Coupling
*1412 014 12" Cast Iron or Plastic to 12" Cast Iron
(MR56 1212) or Plastic Coupling
*1412 022 12" Cast Iron or Plastic to 12" Cast Iron
(MR56 1212 ARC) or Plastic Adjustable Repair Coupling
*1412 113 12" Clay to 12" Clay Coupling
(MR01 1212)
*1412 121 12" Clay to 12" Clay Adjustable Repair
(MR01 1212 ARC) Coupling
1412 212 12" Clay to 12" Cast Iron or Plastic
(MR02 1212) Coupling
19200 (MAX4) 4" CL/DI/AC/CI/PL to same
19205 (MAX5) 5" CL/DI/AC/CI/PL to same
19210 (MAX6) 6" CL/DI/AC/CI/PL to same
19215 (MAX8) 8" CL/DI/AC/CI/PL to same
19220 (MAX10) 10" CL/DI/AC/CI/PL to same
19225 (MAX12) 12" CL/DI/AC/CI/PL to same

*These couplings are shielded, without center stops and are listed as repair couplings only.