

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:

GUANGDONG LIANSU TECHNOLOGY INDUSTRIAL CO LTD

LIANSU INDUSTRIAL ESTATE LONGJIANG TOWN SHUNDE ZONE FOSHAN, GD 528318, GUANGDONG, CHINA

Product:

ABS-DWV Pipe and Fittings

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

**Uniform Plumbing Code (UPC®)
National Plumbing Code of Canada**

Products are certified to the following standard(s)

ASTM D2661-2021 and CSA B181.1-2021

File Number: 9266

Effective Date: July 2024

Void After: July 2029*


Chairman, Product Certification Committee



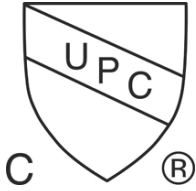

Chief Technical Service Officer

*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:

The pipe shall be marked on two sides 180° apart or spirally in letters not less than 3/16" high in a contrasting color and shall consist of the manufacturer's name or trademark, nominal pipe size, "ABS DWV" for pipe produced by single extrusion process, "COEX ABS DWV" for pipe produced by the coextrusion process, "ASTM D2661", the date of manufacture or date coding, the designation "B181.1" and the cUPC® certification mark, spaced at intervals of not more than 2 ft. Fittings shall be marked on the body or hub with manufacturer's name or trademark, or both, "ABS", "B181.1" or "DWV", and the cUPC® certification mark.

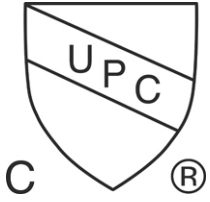
Characteristics:

Single and coextruded layers of Acrylonitrile-Butadiene-Styrene (ABS) plastic drains, waste and vent (DWV) pipe and fittings made to schedule 40 iron pipe size (IPS). To be installed in accordance with the manufacturer's instructions and the requirements of the latest editions 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

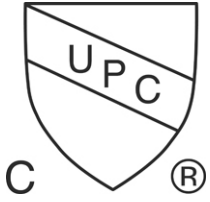
Brand: LESSO®

Note: Models preceded by an asterisk (*) are for vent only.

Model Number	Description
LN100-012	COUPLING(HUB×HUB) 1-1/4"
LN100-015	COUPLING(HUB×HUB) 1-1/2"
LN100-020	COUPLING(HUB×HUB) 2"
LN100-030	COUPLING(HUB×HUB) 3"
LN100-040	COUPLING(HUB×HUB) 4"
LN100-060	COUPLING(HUB×HUB) 6"
LN101-012	FEMALE ADAPTER(HUB×FIPT) 1-1/4"
LN101-015	FEMALE ADAPTER(HUB×FIPT) 1-1/2"
LN101-020	FEMALE ADAPTER(HUB×FIPT) 2"
LN101-030	FEMALE ADAPTER(HUB×FIPT) 3"
LN101-040	FEMALE ADAPTER(HUB×FIPT) 4"
LN101-060	FEMALE ADAPTER(HUB×FIPT) 6"
LN102-212	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)1-1/2×1-1/4
LN102-251	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB) 2×1-1/2"
LN102-337	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)3×1-1/2"
LN102-338	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB) 3×2" REDUCING COUPLING (HUBxHUB)
LN102-419	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)4×1-1/2"
LN102-420L	PIPE INCREASER-REDUCER (HUBxHUB)4×2"
LN102-420	REDUCING COUPLING (HUBxHUB)
LN102-422L	PIPE INCREASER-REDUCER (HUBxHUB)4×3"
LN102-422	REDUCING COUPLING (HUBxHUB)
LN103-012	TRAP ADAPTER(SPGXSJ) 1-1/4"
LN103-015	TRAP ADAPTER(SPGXSJ) 1-1/2"
LN103-212	TRAP ADAPTER(SPGXSJ) 1-1/2" X 1-1/4"
LN103W-015	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ) 1-1/2"

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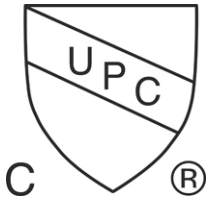
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Model Number	Description
LN103W-020	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ)2"
LN103W-212	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ)1-1/2×1-1/4"
LN103P-012	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) TRAP ADAPTER (SPG×SJ) 1-1/4"
LN103P-015	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) TRAP ADAPTER (SPG×SJ)-1/2"
LN103P-212	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) 1-1/2×1-1/4" TRAP ADAPTER (SPG×SJ)
LN103X-012	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/4"
LN103X-015	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/2"
LN103X-020	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)2"
LN103X-212	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/2×1-1/4"
LN104-012	TRAP ADAPTER (HUB x SJ) 1-1/4"
LN104-015	TRAP ADAPTER (HUB x SJ) 1-1/2"
LN104-020	TRAP ADAPTER (HUB x SJ) 2"
LN104-212	TRAP ADAPTER (HUB x SJ) 1-1/2" X 1-1/4"
LN104W-020	TRAP ADAPTER W/CHROME NUT & WASHER (HUB×SJ)2"
LN104W-212	TRAP ADAPTER W/CHROME NUT & WASHER (HUB×SJ)1-1/2×1-1/4"
LN104P-012	TRAP ADAPTER W/PLASTIC NUT(HUB×SJ) 1-1/4" TRAP ADAPTER (HUB×SJ)
LN104P-015	TRAP ADAPTER W/PLASTIC NUT(HUB×SJ) 1-1/2" TRAP ADAPTER (HUB×SJ)
LN104P-212	TRAP ADAPTER W/PLASTIC NUT(HUB×SJ) TRAP ADAPTER (HUB×SJ)1-1/2×1-1/4"
LN104X-012	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUB×SJ)1-1/4"
LN104X-015	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUB×SJ)1-1/2"
LN104X-020	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUB×SJ)2"
LN104X-212	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUB×SJ)1-1/2×1-1/4"
LN105-012	CLEANOUT ADAPTER (SPG×FIPT)1-1/4"
LN105-015	CLEANOUT ADAPTER (SPG×FIPT)1-1/2" FEMALE ADAPTER (SPG×FIPT)
LN105-020	CLEANOUT ADAPTER (SPG×FIPT)2" FEMALE ADAPTER (SPG×FIPT)
LN105-030	CLEANOUT ADAPTER (SPG×FIPT)3" FEMALE ADAPTER (SPG×FIPT)
LN105-040	CLEANOUT ADAPTER (SPG×FIPT)4" FEMALE ADAPTER (SPG×FIPT)
LN105-060	CLEANOUT ADAPTER (SPG×FIPT)6"
LN105X-012	CLEANOUT ADAPTER W/PLUG (SPG×CLEANOUT W/PLUG)1-1/4"

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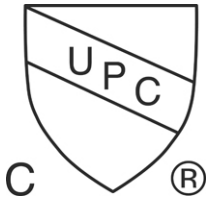
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Model Number	Description
LN105X-015	CLEANOUT ADAPTER W/PLUG (SPG×CLEANOUT W/PLUG)1-1/2" CLEANOUT ADAPTER (SPG×CLEANOUT)
LN105X-020	CLEANOUT ADAPTER W/PLUG(SPG×CLEANOUT W/PLUG)2"CLEANOUT ADAPTER (SPG×CLEANOUT)
LN105X-030	CLEANOUT ADAPTER W/PLUG(SPG×CLEANOUT W/PLUG)3"CLEANOUT ADAPTER (SPG×CLEANOUT)
LN105X-040	CLEANOUT ADAPTER W/PLUG(SPG×CLEANOUT W/PLUG)4"CLEANOUT ADAPTER (SPG×CLEANOUT)
LN105X-060	CLEANOUT ADAPTER W/PLUG(SPG×CLEANOUT W/PLUG)6"
LN106-015	CLEANOUT PLUG(MIPT) 1-1/2"
LN106-020	CLEANOUT PLUG(MIPT) 2"
LN106-025	CLEANOUT PLUG(MIPT) 2-1/2"
LN106-030	CLEANOUT PLUG(MIPT) 3"
LN106-035	CLEANOUT PLUG(MIPT) 3-1/2"
LN106-040	CLEANOUT PLUG(MIPT) 4"
LN106R-012	PLUG WITH GASKET(MIPT)1-1/4"
LN106R-015	PLUG WITH GASKET(MIPT)1-1/2"
LN106R-020	PLUG WITH GASKET(MIPT)2"
LN106R-025	PLUG WITH GASKET(MIPT)2-1/2"
LN106R-030	PLUG WITH GASKET(MIPT)3"
LN106R-035	PLUG WITH GASKET(MIPT)2-1/2"
LN106R-040	PLUG WITH GASKET(MIPT)4"
LN106R-060	PLUG WITH GASKET(MIPT)6"
LN107-212	FLUSH BUSHING(SPG×HUB)1-1/2×1-1/4"
LN107-251	FLUSH BUSHING(SPG×HUB)2×1-1/2"
LN107-337	FLUSH BUSHING(SPG×HUB)3×1-1/2"
LN107-338	FLUSH BUSHING(SPG×HUB)3×2"
LN107-419	FLUSH BUSHING(SPG×HUB)4×1-1/2"
LN107-420	FLUSH BUSHING(SPG×HUB)4×2"
LN107-422	FLUSH BUSHING(SPG×HUB)4×3"
LN107-532	FLUSH BUSHING(SPG×HUB)6×4"
LN108-209	FLUSH ADAPTER (SPG×FIPT)1-1/2×1/2"
LN108-210	FLUSH ADAPTER (SPG×FIPT)1-1/2×3/4"

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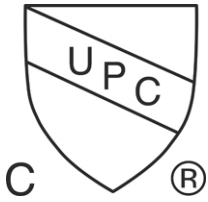
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Model Number	Description
LN108-212	FLUSH ADAPTER (SPG×FIPT)1-1/2 x 1-1/4"
LN108-251	FLUSH ADAPTER (SPG×FIPT)2 x 1-1/2"
LN108-337	FLUSH ADAPTER (SPG×FIPT)3×1-1/2"
LN108-338	FLUSH ADAPTER (SPG×FIPT)3x 2"
LN108-422	FLUSH ADAPTER (SPG×FIPT)4x 3"
LN109-012	MALE ADAPTER(HUB×MIPT) 1-1/4"
LN109-015	MALE ADAPTER(HUB×MIPT) 1-1/2"
LN109-020	MALE ADAPTER(HUB×MIPT) 2"
LN109-030	MALE ADAPTER(HUB×MIPT) 3"
LN109-040	MALE ADAPTER(HUB×MIPT) 4"
LN109-212	MALE ADAPTER(HUB×MIPT) 1-1/2×1-1/4"
LN110S-015	SLIP PLUG (SPG) 1-1/2"
LN110S-020	SLIP PLUG(SPG) 2"
LN110S-025	SLIP PLUG 2-1/2"
LN110S-030	SLIP PLUG(SPG) 3"
LN110S-035	SLIP PLUG(SPG) 3-1/2"
LN110S-040	SLIP PLUG(SPG) 4"
LN111-012	MALE ADAPTER(SPG×MIPT) 1-1/4"
LN111-015	MALE ADAPTER(SPG×MIPT) 1-1/2"
LN111-020	MALE ADAPTER(SPG×MIPT) 2"
LN111-030	MALE ADAPTER(SPG×MIPT) 3"
LN111-040	MALE ADAPTER(SPG×MIPT)4"
LN111-212	MALE ADAPTER(SPG×MIPT)1-1/2×1-1/4"
LN116-012	CAP(HUB)1-1/4"
LN116-015	CAP(HUB)1-1/2"
LN116-020	CAP(HUB)2"
LN116-030	CAP(HUB)3"
LN116-040	CAP(HUB)4"
LN116-060	CAP(HUB)6"

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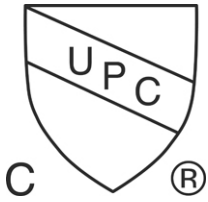
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Model Number	Description
LN117-342	SEWER & DRAIN ADAPTER(HUBxHUB) 3 x 4"
LN117-422	SEWER & DRAIN ADAPTER (HUBxHUB)4x3" SEWER DRAIN ADAPTER (HUBxHUB)
LN119-020	NO-HUB ADAPTER(SPGxHUB)2"
LN119-030	NO-HUB ADAPTER(SPGxHUB)3"
LN119-040	NO-HUB ADAPTER(SPGxHUB)4"
LN119-251	NO-HUB ADAPTER(SPGxHUB)2 x 1-1/2"
LN119-422	NO-HUB ADAPTER(SPGxHUB)4 x 3"
LN120-015	ABS-COPPER ADAPTER (HUBxSJ)1-1/2"
LN120-212	ABS-COPPER ADAPTER (HUBxSJ) 1-1/2x1-1/4"
LN123-020	HUB ADAPTER CAST IRON (HUBxSJ)2"
LN123-030	HUB ADAPTER CAST IRON (HUBxSJ)3"
LN123-040	HUB ADAPTER CAST IRON (HUBxSJ)4"
LN123R-213	HUB ADAPTER CAST IRON INCREASER(HUBxSJ) 1-1/2 x 2"
LN123R-342	HUB ADAPTER CAST IRON INCREASER(HUBxSJ) 3 x 4"
LN126-015	UNION(HUBxHUB)1-1/2"
LN126-020	UNION(HUBxHUB)2"
LN130-015	REPAIR COUPLING(HUBxHUB)1-1/2"
LN130-020	REPAIR COUPLING(HUBxHUB)2"
LN130-030	REPAIR COUPLING(HUBxHUB)3"
LN130-040	REPAIR COUPLING(HUBxHUB)4"
LN130X-015	TRAY PLUG ADAPTER - SPIGOT 1-1/2"
LN135-015	THREADED CAP (FIPT) 1-1/2"
LN135-020	THREADED CAP (FIPT) 2"
LN135-030	THREADED CAP (FIPT) 3"
LN300-012	90 deg.ELBOW (HUBxHUB) 1-1/4" 90 deg.ELBOW LONG-TURN (HUBxHUB)
LN300-015	90 deg.ELBOW (HUBxHUB) 1-1/2" 90 deg.ELBOW LONG-TURN (HUBxHUB)
LN300-020	90 deg.ELBOW (HUBxHUB) 2" 90 deg.ELBOW LONG-TURN (HUBxHUB)
LN300-030	90 deg.ELBOW (HUBxHUB) 3" 90 deg.ELBOW LONG-TURN (HUBxHUB)
LN300-040	90 deg.ELBOW (HUBxHUB) 4" 90 deg.ELBOW LONG-TURN (HUBxHUB)

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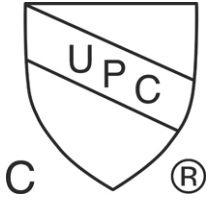
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Model Number	Description
LN300-060	90 deg.ELBOW (HUB×HUB) 6 90 deg.ELBOW LONG-TURN (HUB×HUB)
LN300-012S	90 deg.ELBOW-SHORT TURN (HUB×HUB)1-1/4"
LN300-015S	90 deg.ELBOW-SHORT TURN (HUB×HUB)1-1/2" 90 deg.ELBOW (HUB×HUB)
LN300-020S	90 deg.ELBOW-SHORT TURN (HUB×HUB)2" 90 deg.ELBOW (HUB×HUB)
LN300-030S	90 deg.ELBOW-SHORT TURN (HUB×HUB)3" 90 deg.ELBOW (HUB×HUB)
LN300-040S	90 deg.ELBOW-SHORT TURN (HUB×HUB)4" 90 deg.ELBOW (HUB×HUB)
LN300-060S	90 deg.ELBOW-SHORT TURN (HUB×HUB)6"
*LN300S-337	90 deg.ELBOW WITH SIDE INLET (HUB×HUB×HUB) 3 x 3 x 1-1/2"
*LN300S-338	90 deg.ELBOW WITH SIDE INLET (HUB×HUB×HUB) 3 x 3 x 2"
LN302-012	90 deg.STREET ELBOW (HUB×SPG)1-1/4" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)1-1/4"
LN302-015	90 deg. STREET ELBOW (HUB×SPG)1-1/2" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)1-1/2"
LN302-020	90 deg.STREET ELBOW (HUB×SPG)2" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)2"
LN302-030	90 deg.STREET ELBOW (HUB×SPG)3" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)3"
LN302-040	90 deg. STREET ELBOW (HUB×SPG)4" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)4"
LN302-060	90 deg. STREET ELBOW (HUB×SPG)6"
LN302-015S	90 deg. STREET ELBOW-SHORT TURN(HUB×SPG)1-1/2" 90 deg. STREET ELBOW (HUB×SPG)1-1/2"
LN302-020S	90 deg. STREET ELBOW-SHORT TURN(HUB×SPG)2" 90 deg. STREET ELBOW(HUB×SPG)2"
LN302-030S	90 deg.STREET ELBOW-SHORT TURN(HUB×SPG)3" 90 deg. STREET ELBOW(HUB×SPG)3"
LN302-040S	90 deg.STREET ELBOW-SHORT TURN(HUB×SPG)4" 90 deg. STREET ELBOW(HUB×SPG)4"
LN303-337	90 ELBOW W/ LOW HEEL INLET (HUB×HUB×HUB) 3 x 3 x 1-1/2"
LN303-338	90 deg.ELBOW W/ LOW HEEL INLET(HUB×HUB×HUB) 3 x 3 x 2"
LN303-420	90 deg.ELBOW W/ LOW HEEL INLET(HUB×HUB×HUB) 4 x 4 x 2"
LN304-012	90 deg.LONG SWEEP ELBOW (HUB×HUB)1-1/4"
LN304-015	90 deg.LONG SWEEP ELBOW (HUB×HUB)1-1/2"
LN304-020	90 deg.LONG SWEEP ELBOW (HUB×HUB)2"
LN304-030	90 deg.LONG SWEEP ELBOW (HUB×HUB)3"
LN304-040	90 deg.LONG SWEEP ELBOW (HUB×HUB)4"
LN310-338	90 deg.STREET ELBOW W/ LOW HEEL INLET (HUB×SPG×HUB) 3 x 3 x 2"
LN319-015	60 deg. ELBOW(HUB×HUB)1-1/2"

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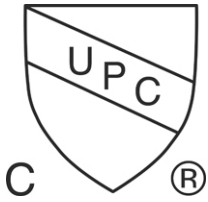
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LN319-020	60 deg. ELBOW(HUB×HUB)2"
LN319-030	60 deg. ELBOW(HUB×HUB)3"
LN319-040	60 deg. ELBOW(HUB×HUB)4"
LN320-015	60 deg. STREET ELBOW (HUB×SPG)1-1/2"
LN320-020	60 deg. STREET ELBOW (HUB×SPG)2"
LN320-030	60 deg. STREET ELBOW (HUB×SPG)3"
LN320-040	60 deg. STREET ELBOW (HUB×SPG)4"
LN321-012	45 deg. ELBOW (HUB×HUB)1-1/4" 45 deg. ELBOW LONG-TURN HUBxHUB)1-1/4"
LN321-015	45 deg. ELBOW (HUB×HUB)1-1/2" 45 deg. ELBOW LONG-TURN HUBxHUB)1-1/2"
LN321-020L	45 deg. ELBOW (HUB×HUB)2"
LN321-030L	45 deg. ELBOW (HUB×HUB)3"
LN321-040	45 deg. ELBOW (HUB×HUB)4" 45 deg. ELBOW LONG-TURN HUBxHUB)4"
LN321-060	45 deg. ELBOW (HUB×HUB)6" 45 deg. ELBOW LONG-TURN HUBxHUB)6"
LN321-015S	45 deg. ELBOW-SHORT TURN (HUB×HUB)1-1/2" 45 deg. ELBOW (HUB×HUB)1-1/2"
LN321-020S	45 deg. ELBOW-SHORT TURN (HUB×HUB)2" 45 deg. ELBOW (HUB×HUB)2"
LN321-030S	45 deg. ELBOW-SHORT TURN (HUB×HUB)3" 45 deg. ELBOW (HUB×HUB)3"
LN321-040S	45 deg. ELBOW-SHORT TURN (HUB×HUB)4" 45 deg. ELBOW (HUB×HUB)4"
LN323-012	45 deg. STREET ELBOW (HUB×SPG)1-1/4" 45 deg. STREET ELBOW LONG-TURN(HUBxSPG)1-1/4"
LN323-015	45 deg. STREET ELBOW (HUB×SPG)1-1/2" 45 deg. STREET ELBOW LONG-TURN(HUBxSPG)1-1/2"
LN323-020L	45 deg. STREET ELBOW (HUB×SPG)2"
LN323-030L	45 deg. STREET ELBOW (HUB×SPG)3"
LN323-040	45 deg. STREET ELBOW (HUB×SPG)4" 45 deg. STREET ELBOW LONG-TURN HUBxSPG)
LN323-060	45 deg. STREET ELBOW (HUB×SPG)6
LN323-015S	45 deg. STREET ELBOW-SHORT TURN (HUB×SPG) 1-1/2" 45 deg. STREET ELBOW (HUB×SPG)
LN323-020S	45 deg. STREET ELBOW-SHORT TURN (HUB×SPG) 2" 45 deg. STREET ELBOW (HUB×SPG)
LN323-030S	45 deg. STREET ELBOW-SHORT TURN(HUB×SPG) 3" 45 deg. STREET ELBOW (HUB×SPG)
LN323-040S	45 deg. STREET ELBOW-SHORT TURN(HUB×SPG) 4" 45 deg. STREET ELBOW(HUB×SPG)
LN324-015	22½ deg. ELBOW(HUB×HUB)1-1/2"
LN324-020	22½ deg. ELBOW(HUB×HUB)2"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



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INDUSTRIAL CO LTD

Effective Date: July 2024

File Number: 9266

Product: ABS-DWV Pipe and Fittings

Void After: July 2029

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Model Number	Description
LN324-030	22½ deg. ELBOW(HUB×HUB)3"
LN324-040	22½ deg. ELBOW(HUB×HUB)4"
LN324-060	22½ deg. ELBOW(HUB×HUB)6"
LN326-015	22½ deg. STREET ELBOW(HUB×SPG)1-1/2"
LN326-020	22½ deg. STREET ELBOW(HUB×SPG)2"
LN326-030	22½ deg. STREET ELBOW(HUB×SPG)3"
LN326-040	22½ deg. STREET ELBOW(HUB×SPG)4"
LN327-015	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)1-1/2"
LN327-020	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)2"
LN327-030	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)3"
LN327-040	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)4"
LN327-241	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)2 x 1-1/2 x 1-1/2"
LN329-422	90 deg. REDUCING CLOSET ELBOW(HUB×HUB) 4×3 " 90 deg. CLOSET ELBOW (HUBxHUB)4×3"
LN330X-342	90 deg. REDUCING CLOSET STREET ELBOW W/TEST CAP (HUB×SPG)3 x 4"
LN330-342	90 deg. REDUCING CLOSET STREET ELBOW (HUB×SPG)3 x 4"
LN331-012	90 deg. VENT ELBOW(HUB×HUB)1-1/4"
LN331-015	90 deg. VENT ELBOW(HUB×HUB)1-1/2"
LN331-020	90 deg. VENT ELBOW(HUB×HUB)2"
LN331-030	90 deg. VENT ELBOW(HUB×HUB)3"
LN331-040	90 deg. VENT ELBOW(HUB×HUB)4"
LN400-012L	SANITARY TEE(HUB×HUB×HUB)1-1/4"
LN400-012	SANITARY TEE(HUB×HUB×HUB)1-1/4"
LN400-015L	SANITARY TEE(HUB×HUB×HUB)1-1/2"
LN400-015	SANITARY TEE(HUB×HUB×HUB)1-1/2"
LN400-020L	SANITARY TEE(HUB×HUB×HUB)2"
LN400-020	SANITARY TEE(HUB×HUB×HUB)2"
LN400-030	SANITARY TEE(HUB×HUB×HUB)3"
LN400-040L	SANITARY TEE(HUB×HUB×HUB)4"
LN400-040	SANITARY TEE(HUB×HUB×HUB)4"

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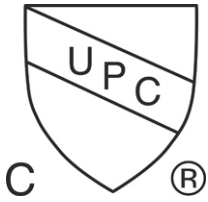
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Model Number	Description
LN400-060	SANITARY TEE(HUB×HUB×HUB)6"
LN401-222	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/4 x 1-1/4"
LN401-212	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/2 x 1-1/4"
LN401-225	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/4 x 1-1/2"
LN401-241L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×1-1/2"
LN401-241	SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×1-1/2"
LN401-251L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×2×1-1/2"
LN401-251	SANITARY TEE(HUB×HUB×HUB) 2×2×1-1/2"
LN401-257L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×2"
LN401-257	SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×2"
LN401-337	REDUCING SANITARY TEE(HUB×HUB×HUB) 3×3×1-1/2" SANITARY TEE(HUB×HUB×HUB)3×3×1-1/2"
LN401-338L	REDUCING SANITARY TEE(HUB×HUB×HUB) 3×3×2"
LN401-338	SANITARY TEE(HUB×HUB×HUB) 3×3×2"
LN401-419	REDUCING SANITARY TEE(HUB×HUB×HUB) 4 x 4 x 1-1/2"
LN401-420	REDUCING SANITARY TEE(HUB×HUB×HUB) 4×4×2" SANITARY TEE(HUB×HUB×HUB) 4×4×2"
LN401-422	REDUCING SANITARY TEE(HUB×HUB×HUB) 4×4×3" SANITARY TEE(HUB×HUB×HUB) 4×4×3"
LN401-532	REDUCING SANITARY TEE(HUB×HUB×HUB) 6 x 6 x 4"
LN403-015	STREET SANITARY TEE(SPG×HUB×HUB) 1-1/2"
LN403-020	STREET SANITARY TEE(SPG×HUB×HUB) 2"
LN403-030	STREET SANITARY TEE(SPG×HUB×HUB) 3"
LN403-040	STREET SANITARY TEE(SPG×HUB×HUB) 4"
LN404-241	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×1-1/2×1-1/2"
LN404-251	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×2×1-1/2"
LN404-257	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×1-1/2×2"
LN404-337	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 3×3×1-1/2" STREET SANITARY TEE (SPG×HUB×HUB) 3×3×1-1/2"
LN404-338	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 3 x 3 x 2"
*LN416-337	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2"
*LN416-338	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x 3 x 2"
*LN416-329	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x 2 x 2"

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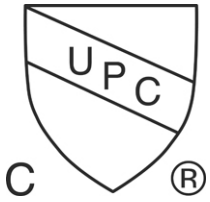
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Model Number	Description
*LN416-420	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 4 x 4 x 4 x 2"
*LN417-337	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2"
*LN417-338	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x 3 x 2"
*LN417-329	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x 2 x 2"
*LN417-420	SANITARY TEE W /RIGHT SIDE INLET(ALL HUB) 4 x 4 x 4 x 2"
*LN418-337	SANITARY TEE W/R& L SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2 x 1-1/2"
*LN418-338	SANITARY TEE W/R& L SIDE INLET(ALL HUB) 3 x 3 x 3 x 2 x 2"
*LN418-420	SANITARY TEE W/R& L SIDE INLET(ALL HUB) 4"x4"x4"x2"x2"
LN428-015	DOUBLE SANITARY TEE(ALL HUB)1-1/2"
LN428-020	DOUBLE SANITARY TEE(ALL HUB)2"
LN428-030	DOUBLE SANITARY TEE(ALL HUB)3"
LN428-040	DOUBLE SANITARY TEE(ALL HUB)4"
LN429-251	REDUCING DOUBLE SANITARY TEE(ALL HUB) 2x2x1-1/2x1-1/2"DOUBLE SANITARY TEE (ALL HUB)2x2x1-1/2x1-1/2"
LN429-337	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3x3x1-1/2x1-1/2" DOUBLE SANITARY TEE (ALL HUB)3x3x1-1/2x1-1/2"
LN429-338	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3 x 3 x 2 x 2"
LN429-420	REDUCING DOUBLE SANITARY TEE(ALL HUB) 4 x 4 x 2 x 2"
LN429-422	REDUCING DOUBLE SANITARY TEE(ALL HUB) 4 x 4 x 3 x 3"
LN429-323	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3 x 3 x 2 x 1-1/2"
*LN438-337	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)3 x 3 x 3 x 3 x 1-1/ 2"
*LN438-338	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)3 x 3 x 3 x 3 x 2"
*LN438-420	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)4 x 4 x 4 x 4 x 2"
*LN439-338	DOUBLE SANITARY TEE W / R & L SIDE INLET(ALL HUB)3 x 3 x 3 x 3 x 2 x 2"
LN441-015	VENT TEE(HUBxHUBxHUB)1-1/2"
LN441-020	VENT TEE(HUBxHUBxHUB)2"
LN441-030	VENT TEE(HUBxHUBxHUB)3"
LN441-040	VENT TEE(HUBxHUBxHUB)4"
LN441-337	VENT TEE(HUBxHUBxHUB)3"x3"x1-1/2"
LN441-338	VENT TEE(HUBxHUBxHUB)3"x3"x2"
LN444X-427	TEST TEE(HUBxHUBxCLEANOUT W/PLUG) 4x3x4" TEST TEE (HUBxHUBxCLEANOUT)4x3x4"

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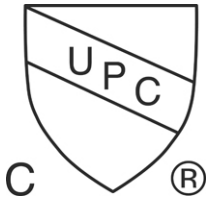
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Model Number	Description
LN444X-015L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 1-1/2"
LN444X-015	TEST TEE (HUB×HUB×CLEANOUT)1-1/2"
LN444X-020L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 2"
LN444X-020	TEST TEE (HUB×HUB×CLEANOUT)2"
LN444X-030L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 3"
LN444X-030	TEST TEE (HUB×HUB×CLEANOUT)3"
LN444X-040L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 4"
LN444X-040	TEST TEE (HUB×HUB×CLEANOUT)4"
LN448-030	TWO-WAY CLEANOUT(HUB×HUB×HUB)3"
LN448-040	TWO-WAY CLEANOUT(HUB×HUB×HUB)4"
LN500-020	DOUBLE FIXTURE FITTING(ALL HUB)2"
LN500-030	DOUBLE FIXTURE FITTING(ALL HUB)3"
LN500-241	DOUBLE FIXTURE FITTING(ALL HUB)2 x 1-1/2 x 1-1/2 x 1-1/2"
LN500-251	2"x2"x1-1-2"x1-1-2" Double Fixture Fitting (All Hub)
LN500-257	DOUBLE FIXTURE FITTING(ALL HUB)2 x 1-1/2 x 2 x 2"
LN500-338	DOUBLE FIXTURE FITTING(ALL HUB)3 x 2 x 3 x 3"
LN501-015	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 1-1/2"
LN501-020	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 2"
LN501-030	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 3"
LN501-040	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 4"
LN502-241	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 1-1/2 x 1-1/2"
LN502-251	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 2 x 1-1/2"
LN502-257	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 1-1/2 x 2"
LN502-337	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)3 x 3 x 1-1/2"
LN502-338	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)3 x 3 x 2"
LN502-420	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)4 x 4 x 2"
LN502-422	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)4 x 4 x 3"
LN503-020	COMBINATION WYE & 1/8 BEND (TWO PC)(HUB×HUB×HUB) 2"
LN600-012	45 deg. WYE (HUB×HUB×HUB) 1-1/4"

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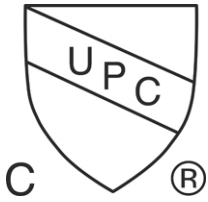
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Model Number	Description
LN600-015L	45 deg. WYE(HUB×HUB×HUB) 1-1/2"
LN600-015	45 deg. WYE(HUB×HUB×HUB) 1-1/2"
LN600-020L	45 deg. WYE(HUB×HUB×HUB) 2"
LN600-020	45 deg. WYE(HUB×HUB×HUB) 2"
LN600-030L	45 deg. WYE(HUB×HUB×HUB) 3"
LN600-030	45 deg. WYE(HUB×HUB×HUB) 3"
LN600-040L	45 deg. WYE(HUB×HUB×HUB) 4"
LN600-040	45 deg. WYE(HUB×HUB×HUB) 4"
LN600-060	45 deg. WYE(HUB×HUB×HUB) 6"
LN601-241	45 deg. REDUCING WYE (HUB×HUB×HUB)2×1-1/2×1-1/2" 45 deg. WYE(HUB×HUB×HUB)
LN601-251L	45 deg. REDUCING WYE(HUB×HUB×HUB) 2×2×1-1/2"
LN601-251	45 deg. WYE (HUB×HUB×HUB) 2×2×1-1/2"
LN601-337L	45 deg. REDUCING WYE(HUB×HUB×HUB) 3×3×1-1/2"
LN601-337	45 deg. WYE (HUB×HUB×HUB) 3×3×1-1/2"
LN601-338L	45 deg. REDUCING WYE(HUB×HUB×HUB)3×3×2"
LN601-338	45 deg. WYE (HUB×HUB×HUB) 3×3×2"
LN601-419	45 deg. REDUCING WYE (HUB×HUB×HUB) 4 x 4 x 1-1/2"
LN601-420L	45 deg. REDUCING WYE(HUB×HUB×HUB) 4×4×2"
LN601-420	45 deg. WYE (HUB×HUB×HUB) 4×4×2"
LN601-422L	45 deg. REDUCING WYE(HUB×HUB×HUB) 4×4×3"
LN601-422	45 deg. WYE (HUB×HUB×HUB) 4×4×3"
LN601-530	45 deg. REDUCING WYE (HUB×HUB×HUB) 6 x 6 x 3"
LN601-532	45 deg. REDUCING WYE (HUB×HUB×HUB) 6×6×4" 45 deg. WYE (HUB×HUB×HUB)
LN601-209	
LN601-210	
LN610-015	
LN602-015	45 deg. STREET WYE (SPG×HUB×HUB)1 1/2"
LN602-020	45 deg. STREET WYE (SPG×HUB×HUB)2"
LN602-030	45 deg. STREET WYE(SPG×HUB×HUB)3"

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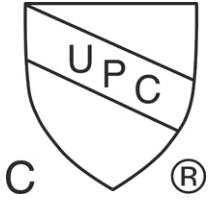
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Model Number	Description
LN602-040	45 deg. STREET WYE (SPG×HUB×HUB)4
LN603-337	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)3 x 3 x 1-1/2"
LN603-338	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)3 x 3 x 2"
LN603-422	45 deg. REDUCING STREET WYE(SPG×HUB×HUB) 4 x 4 x 3"
LN611-015	45 deg. DOUBLE WYE(ALL HUB)1-1/2"
LN611-020	45 deg. DOUBLE WYE(ALL HUB)2"
LN611-030L	45 deg. DOUBLE WYE(ALL HUB)3"
LN611-030	45 deg. DOUBLE WYE(ALL HUB)3"
LN611-040	45 deg. DOUBLE WYE(ALL HUB)4"
LN612-251	45 deg. REDUCING DOUBLE WYE(ALL HUB)2 x 2 x 1-1/2 x 1-1/2"
LN612-337	45 deg. REDUCING DOUBLE WYE(ALL HUB)3 x 3 x 1-1/2 x 1-1/2"
LN612-338	45 deg. REDUCING DOUBLE WYE(ALL HUB)3×3×2×2"
LN612-420	45 deg. REDUCING DOUBLE WYE(ALL HUB)4 x 4 x 2 x 2"
LN612-422	45 deg. REDUCING DOUBLE WYE(ALL HUB)4 x 4 x 3 x 3"
LN612-532	45 deg. REDUCING DOUBLE WYE(ALL HUB)6 x 6 x 4 x 4"
LN604-015	CLEANOUT WYE (HUB×HUB×FIPT)1-1/2"
LN700-015	RETURN BEND(HUB×HUB) 1-1/2"
LN700-020	RETURN BEND(HUB×HUB) 2"
LN700-030	RETURN BEND(HUB×HUB) 3"
LN700-040	RETURN BEND(HUB×HUB) 4"
LN701-015	RETURN BEND(HUB×HUB×CLEANOUT W/PLUG) 1-1/2"
LN701-020	RETURN BEND(HUB×HUB×CLEANOUT W/PLUG) 2"
LN706X-015	P-TRAP(HUB×HUB)1-1/2"
LN706X-020	P-TRAP(HUB×HUB)2"
LN706X-030	P-TRAP(HUB×HUB)3"
LN706X-040	P-TRAP(HUB×HUB)4"
LN707X-015	P-TRAP W/PLUG(HUB×HUB×CLEANOUT W/PLUG) 1-1/2" P-TRAP (HUBxHUBxCLEANOUT)
LN707X-020	P-TRAP W/PLUG(HUB×HUB×CLEANOUT W/PLUG)2" P-TRAP (HUBxHUBxCLEANOUT)
LN708P-012	P-TRAP W/UNION JOINT(HUB×HUB)1-1/4"

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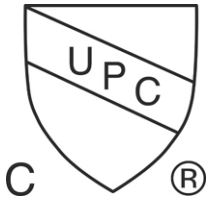
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Model Number	Description
LN708P-015	P-TRAP W/UNION JOINT(HUB×HUB)1-1/2"
LN708P-020	P-TRAP W/UNION JOINT(HUB×HUB)2"
LN711M-015	LA PATTERN P-TRAP W/UNION&PLASTIC NUT(HUB×SJ)1-1/2"
LN711M-212	LA PATTERN P-TRAP W/UNION&PLASTIC NUT(HUB×SJ) 1-1/2 x 1-1/4"
LN712-015	P-TRAP W/UNION &C/O(HUB×HUB×C/O)1-1/2"
LN800-040	CLOSET FLANGE (HUB) 4×4"
LN800-422L	CLOSET FLANGE (HUB) 4×3"
LN800-422	CLOSET FLANGE (HUB) 4×3"
LN800T-040	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB)4 x 4"
LN800T-422L	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB) 4 x 3"
LN800T-422	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB) 4 x 3"
LN801-422	REDUCING CLOSET FLANGE (SPG) 4 x 3"
LN810P-040	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(HUB)4 x 4"
LN811-422	4"x3" Closet Flange W/Adjustable Metal Ring (Epoxy Coated) (H)
LN811-040	4"x4" Closet Flange W/Adjustable Metal Ring (Epoxy Coated) (H)
LN812P-040	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(SPG)4 x 4"
LN812P-422	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(SPG)4 x 3"
LN815-040	FLUSH CLOSET FLANGE (INSIDE 4",OUTSIDE 3") 4 x 4 / 4 x 3
LN815K-040	CLOSET FLANGE W/KONCKOUT & PIPE STOP(HUB) 4 x 4 / 4 x 3
LN815PS-040	CLOSET FLANGE W/ PIPE STOP(HUB)4 x 4/4 x 3
LNH119-015	EXPANSION JOINT(HUB×HUB)1-1/2"
LNH119-020	EXPANSION JOINT(HUB×HUB)2"
LNH119-030	EXPANSION JOINT(HUB×HUB)3"
LNH119-040	EXPANSION JOINT(HUB×HUB)4"
LNH119S-030	EXPANSION JOINT(HUB×SPG)3"
LN830-422	CLOSET FLANGE(FIPT)4 x 3
LN831-422	CLOSET FLANGE(MIPT)4 x 3"
LN702X-363	DRUM TRAP W/CLEANOUT3 x 6 x 1 1/2
LN900-015	TRAY PLUG ADAPTER1 ½

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



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INDUSTRIAL CO LTD

Effective Date: July 2024

File Number: 9266

Product: ABS-DWV Pipe and Fittings

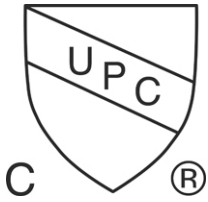
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Model Number	Description
LN103-020	TRAP ADAPTER(SPGXSJ)2"
LN126-030	UNION(HUB×HUB)3"
LN126-040	UNION(HUB×HUB)4"
LN330X-422	90 deg. REDUCING CLOSET STREET ELBOW W/ TEST CAP(HUB×SPG)4 x 3"
LN330-422	90 deg. REDUCING CLOSET STREET ELBOW (HUB×SPG)4x3"
LN445-015	TEST TEE(HUBxHUBxFIPT)1 -1/2"
LN445-015L	TEST TEE(HUBxHUBxFIPT)1 -1/2"
LN445-020	TEST TEE(HUBxHUBxFIPT)2"
LN445-020L	TEST TEE(HUBxHUBxFIPT)2"
LN445-030	TEST TEE(HUBxHUBxFIPT)3"
LN445-030L	TEST TEE(HUBxHUBxFIPT)3"
LN445-040	TEST TEE(HUBxHUBxFIPT)4"
LN445-040L	TEST TEE(HUBxHUBxFIPT)4"
LN445-427	TEST TEE(HUBxHUBxFIPT)4×3×4"
LN603-251	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)2x2x1-1/2"
LN603-420	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)4 x 4 x 2"
LN800R-040	CLOSET FLANGE W/RING-PULL TEST PLUG(HUB 4x4"
LN800R-422L	CLOSET FLANGE W/RING-PULL TEST PLUG(HUB)4 x 3"
LN800R-422	CLOSET FLANGE W/ RING-PULL TEST PLUG(HUB)4 x 3"
LN800T-040C	CLOSET FLANGE W/THREADED TEST PLUG(HUB)4 x 4"
LN800T-422CL	CLOSET FLANGE W/THREADED TEST PLUG(HUB)4 x 3"
LN800T-422C	ABS CLOSET FLANGE W/THREADED TEST PLUG(HUB4x3"
RLN100-012	COUPLING(HUB×HUB) 1-1/4"
RLN100-015	COUPLING(HUB×HUB) 1-1/2"
RLN100-020	COUPLING(HUB×HUB) 2"
RLN100-030	COUPLING(HUB×HUB) 3"
RLN100-040	COUPLING(HUB×HUB) 4"
RLN100-060	COUPLING(HUB×HUB) 6"
RLN101-012	FEMALE ADAPTER(HUB×FIPT) 1-1/4"

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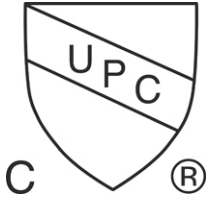
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Model Number	Description
RLN101-015	FEMALE ADAPTER(HUB×FIPT) 1-1/2"
RLN101-020	FEMALE ADAPTER(HUB×FIPT) 2"
RLN101-030	FEMALE ADAPTER(HUB×FIPT) 3"
RLN101-040	FEMALE ADAPTER(HUB×FIPT) 4"
RLN101-060	FEMALE ADAPTER(HUB×FIPT) 6"
RLN102-212	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)1-1/2×1-1/4"
RLN102-251	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB) 2×1-1/2"
RLN102-337	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)3×1-1/2"
RLN102-338	PIPE INCREASER-REDUCER(HUBxHUB)REDUCING COUPLING (HUBxHUB) 3×2" REDUCING COUPLING (HUBxHUB)
RLN102-419	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)4×1-1/2"
RLN102-420L	PIPE INCREASER-REDUCER (HUBxHUB)4×2"
RLN102-420	REDUCING COUPLING (HUBxHUB)
RLN102-422L	PIPE INCREASER-REDUCER (HUBxHUB)4×3"
RLN102-422	REDUCING COUPLING (HUBxHUB)
RLN103-012	TRAP ADAPTER(SPGxSJ) 1-1/4"
RLN103-015	TRAP ADAPTER(SPGxSJ) 1-1/2"
RLN103-212	TRAP ADAPTER(SPGxSJ) 1-1/2" X 1-1/4"
RLN103W-015	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ) 1-1/2"
RLN103W-020	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ)2"
RLN103W-212	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ)1-1/2×1-1/4"
RLN103P-012	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) TRAP ADAPTER (SPG×SJ) 1-1/4"
RLN103P-015	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) TRAP ADAPTER (SPG×SJ)-1/2"
RLN103P-212	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) 1-1/2×1-1/4" TRAP ADAPTER (SPG×SJ)
RLN103X-012	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/4"
RLN103X-015	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/2"
RLN103X-020	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)2"
RLN103X-212	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/2×1-1/4"
RLN104-012	TRAP ADAPTER (HUB x SJ) 1-1/4"
RLN104-015	TRAP ADAPTER (HUB x SJ) 1-1/2"

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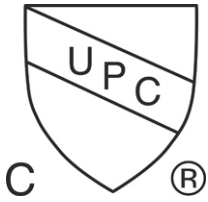
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Model Number	Description
RLN104-020	TRAP ADAPTER (HUB x SJ) 2"
RLN104-212	TRAP ADAPTER (HUB x SJ) 1-1/2" X 1-1/4"
RLN104W-020	TRAP ADAPTER W/CHROME NUT & WASHER (HUBxSJ)2"
RLN104W-212	TRAP ADAPTER W/CHROME NUT & WASHER (HUBxSJ)1-1/2x1-1/4"
RLN104P-012	TRAP ADAPTER W/PLASTIC NUT(HUBxSJ) 1-1/4" TRAP ADAPTER (HUBxSJ)
RLN104P-015	TRAP ADAPTER W/PLASTIC NUT(HUBxSJ) 1-1/2" TRAP ADAPTER (HUBxSJ)
RLN104P-212	TRAP ADAPTER W/PLASTIC NUT(HUBxSJ) TRAP ADAPTER (HUBxSJ)1-1/2x1-1/4"
RLN104X-012	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUBxSJ)1-1/4"
RLN104X-015	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUBxSJ)1-1/2"
RLN104X-020	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUBxSJ)2"
RLN104X-212	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUBxSJ)1-1/2x1-1/4"
RLN105-012	CLEANOUT ADAPTER (SPGxFIPT)1-1/4"
RLN105-015	CLEANOUT ADAPTER (SPGxFIPT)1-1/2" FEMALE ADAPTER (SPGxFIPT)
RLN105-020	CLEANOUT ADAPTER (SPGxFIPT)2" FEMALE ADAPTER (SPGxFIPT)
RLN105-030	CLEANOUT ADAPTER (SPGxFIPT)3" FEMALE ADAPTER (SPGxFIPT)
RLN105-040	CLEANOUT ADAPTER (SPGxFIPT)4" FEMALE ADAPTER (SPGxFIPT)
RLN105-060	CLEANOUT ADAPTER (SPGxFIPT)6"
RLN105X-012	CLEANOUT ADAPTER W/PLUG (SPGxCLEANOUT W/PLUG)1-1/4"
RLN105X-015	CLEANOUT ADAPTER W/PLUG (SPGxCLEANOUT W/PLUG)1-1/2" CLEANOUT ADAPTER (SPGxCLEANOUT)
RLN105X-020	CLEANOUT ADAPTER W/PLUG(SPGxCLEANOUT W/PLUG)2"CLEANOUT ADAPTER (SPGxCLEANOUT)
RLN105X-030	CLEANOUT ADAPTER W/PLUG(SPGxCLEANOUT W/PLUG)3"CLEANOUT ADAPTER (SPGxCLEANOUT)
RLN105X-040	CLEANOUT ADAPTER W/PLUG(SPGxCLEANOUT W/PLUG)4"CLEANOUT ADAPTER (SPGxCLEANOUT)
RLN105X-060	CLEANOUT ADAPTER W/PLUG(SPGxCLEANOUT W/PLUG)6"
RLN106-015	CLEANOUT PLUG(MIPT) 1-1/2"
RLN106-020	CLEANOUT PLUG(MIPT) 2"
RLN106-025	CLEANOUT PLUG(MIPT) 2-1/2"
RLN106-030	CLEANOUT PLUG(MIPT) 3"
RLN106-035	CLEANOUT PLUG(MIPT) 3-1/2"
RLN106-040	CLEANOUT PLUG(MIPT) 4"

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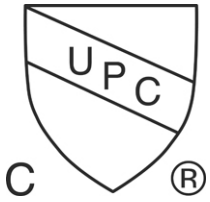
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Model Number	Description
RLN106R-012	PLUG WITH GASKET(MIPT)1-1/4"
RLN106R-015	PLUG WITH GASKET(MIPT)1-1/2"
RLN106R-020	PLUG WITH GASKET(MIPT)2"
RLN106R-025	PLUG WITH GASKET(MIPT)2-1/2"
RLN106R-030	PLUG WITH GASKET(MIPT)3"
RLN106R-035	PLUG WITH GASKET(MIPT)2-1/2"
RLN106R-040	PLUG WITH GASKET(MIPT)4"
RLN106R-060	PLUG WITH GASKET(MIPT)6"
RLN107-212	FLUSH BUSHING(SPG×HUB)1-1/2×1-1/4"
RLN107-251	FLUSH BUSHING(SPG×HUB)2×1-1/2"
RLN107-337	FLUSH BUSHING(SPG×HUB)3×1-1/2"
RLN107-338	FLUSH BUSHING(SPG×HUB)3×2"
RLN107-419	FLUSH BUSHING(SPG×HUB)4×1-1/2"
RLN107-420	FLUSH BUSHING(SPG×HUB)4×2"
RLN107-422	FLUSH BUSHING(SPG×HUB)4×3"
RLN107-532	FLUSH BUSHING(SPG×HUB)6×4"
RLN108-209	FLUSH ADAPTER (SPG×FIPT)1-1/2×1/2"
RLN108-210	FLUSH ADAPTER (SPG×FIPT)1-1/2×3/4"
RLN108-212	FLUSH ADAPTER (SPG×FIPT)1-1/2 x 1-1/4"
RLN108-251	FLUSH ADAPTER (SPG×FIPT)2 x 1-1/2"
RLN108-337	FLUSH ADAPTER (SPG×FIPT)3×1-1/2"
RLN108-338	FLUSH ADAPTER (SPG×FIPT)3x 2"
RLN108-422	FLUSH ADAPTER (SPG×FIPT)4x 3"
RLN109-012	MALE ADAPTER(HUB×MIPT) 1-1/4"
RLN109-015	MALE ADAPTER(HUB×MIPT) 1-1/2"
RLN109-020	MALE ADAPTER(HUB×MIPT) 2"
RLN109-030	MALE ADAPTER(HUB×MIPT) 3"
RLN109-040	MALE ADAPTER(HUB×MIPT) 4"
RLN109-212	MALE ADAPTER(HUB×MIPT) 1-1/2×1-1/4"

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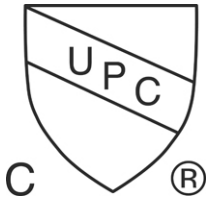
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Model Number	Description
RLN110S-015	SLIP PLUG (SPG) 1-1/2"
RLN110S-020	SLIP PLUG(SPG) 2"
RLN110S-025	SLIP PLUG 2-1/2"
RLN110S-030	SLIP PLUG(SPG) 3"
RLN110S-035	SLIP PLUG(SPG) 3-1/2"
RLN110S-040	SLIP PLUG(SPG) 4"
RLN111-012	MALE ADAPTER(SPG×MIPT) 1-1/4"
RLN111-015	MALE ADAPTER(SPG×MIPT) 1-1/2"
RLN111-020	MALE ADAPTER(SPG×MIPT) 2"
RLN111-030	MALE ADAPTER(SPG×MIPT) 3"
RLN111-040	MALE ADAPTER(SPG×MIPT)4"
RLN111-212	MALE ADAPTER(SPG×MIPT)1-1/2×1-1/4"
RLN116-012	CAP(HUB)1-1/4"
RLN116-015	CAP(HUB)1-1/2"
RLN116-020	CAP(HUB)2"
RLN116-030	CAP(HUB)3"
RLN116-040	CAP(HUB)4"
RLN116-060	CAP(HUB)6"
RLN117-342	SEWER & DRAIN ADAPTER(HUB×HUB) 3 x 4"
RLN117-422	SEWER & DRAIN ADAPTER (HUB×HUB)4×3" SEWER DRAIN ADAPTER (HUB×HUB)
RLN119-020	NO-HUB ADAPTER(SPG×HUB)2"
RLN119-030	NO-HUB ADAPTER(SPG×HUB)3"
RLN119-040	NO-HUB ADAPTER(SPG×HUB)4"
RLN119-251	NO-HUB ADAPTER(SPG×HUB)2 x 1-1/2"
RLN119-422	NO-HUB ADAPTER(SPG×HUB)4 x 3"
RLN120-015	ABS-COPPER ADAPTER (HUB×SJ)1-1/2"
RLN120-212	ABS-COPPER ADAPTER (HUB×SJ) 1-1/2×1-1/4"
RLN123-020	HUB ADAPTER CAST IRON (HUB×SJ)2"
RLN123-030	HUB ADAPTER CAST IRON (HUB×SJ)3"

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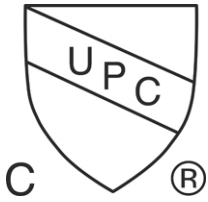
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Model Number	Description
RLN123-040	HUB ADAPTER CAST IRON (HUB×SJ)4"
RLN123R-213	HUB ADAPTER CAST IRON INCREASER(HUB×SJ) 1-1/2 x 2"
RLN123R-342	HUB ADAPTER CAST IRON INCREASER(HUB×SJ) 3 x 4"
RLN126-015	UNION(HUB×HUB)1-1/2"
RLN126-020	UNION(HUB×HUB)2"
RLN130-015	REPAIR COUPLING(HUB×HUB)1-1/2"
RLN130-020	REPAIR COUPLING(HUB×HUB)2"
RLN130-030	REPAIR COUPLING(HUB×HUB)3"
RLN130-040	REPAIR COUPLING(HUB×HUB)4"
RLN130X-015	TRAY PLUG ADAPTER - SPIGOT 1-1/2"
RLN135-015	THREADED CAP (FIPT) 1-1/2"
RLN135-020	THREADED CAP (FIPT) 2"
RLN135-030	THREADED CAP (FIPT) 3"
RLN300-012	90 deg.ELBOW (HUB×HUB) 1-1/4" 90 deg.ELBOW LONG-TURN (HUB×HUB)
RLN300-015	90 deg.ELBOW (HUB×HUB) 1-1/2" 90 deg.ELBOW LONG-TURN (HUB×HUB)
RLN300-020	90 deg.ELBOW (HUB×HUB) 2" 90 deg.ELBOW LONG-TURN (HUB×HUB)
RLN300-030	90 deg.ELBOW (HUB×HUB) 3" 90 deg.ELBOW LONG-TURN (HUB×HUB)
RLN300-040	90 deg.ELBOW (HUB×HUB) 4" 90 deg.ELBOW LONG-TURN (HUB×HUB)
RLN300-060	90 deg.ELBOW (HUB×HUB) 6" 90 deg.ELBOW LONG-TURN (HUB×HUB)
RLN300-012S	90 deg.ELBOW-SHORT TURN (HUB×HUB)1-1/4"
RLN300-015S	90 deg.ELBOW-SHORT TURN (HUB×HUB)1-1/2" 90 deg.ELBOW (HUB×HUB)
RLN300-020S	90 deg.ELBOW-SHORT TURN (HUB×HUB)2" 90 deg.ELBOW (HUB×HUB)
RLN300-030S	90 deg.ELBOW-SHORT TURN (HUB×HUB)3" 90 deg.ELBOW (HUB×HUB)
RLN300-040S	90 deg.ELBOW-SHORT TURN (HUB×HUB)4" 90 deg.ELBOW (HUB×HUB)
RLN300-060S	90 deg.ELBOW-SHORT TURN (HUB×HUB)6"
*RLN300S-337	90 deg.ELBOW WITH SIDE INLET (HUB×HUB×HUB) 3 x 3 x 1-1/2"
*RLN300S-338	90 deg.ELBOW WITH SIDE INLET (HUB×HUB×HUB) 3 x 3 x 2"
RLN302-012	90 deg.STREET ELBOW (HUB×SPG)1-1/4" 90 deg. STREET ELBOW LONG-TURN(HUB×SPG)1-1/4"
RLN302-015	90 deg. STREET ELBOW (HUB×SPG)1-1/2" 90 deg. STREET ELBOW LONG-TURN(HUB×SPG)1-1/2"

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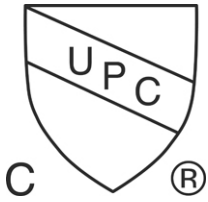
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Model Number	Description
RLN302-020	90 deg. STREET ELBOW (HUB×SPG)2" 90 deg. STREET ELBOW LONG-TURN(HUB×SPG)2"
RLN302-030	90 deg. STREET ELBOW (HUB×SPG)3" 90 deg. STREET ELBOW LONG-TURN(HUB×SPG)3"
RLN302-040	90 deg. STREET ELBOW (HUB×SPG)4" 90 deg. STREET ELBOW LONG-TURN(HUB×SPG)4"
RLN302-060	90 deg. STREET ELBOW (HUB×SPG)6"
RLN302-015S	90 deg. STREET ELBOW-SHORT TURN(HUB×SPG)1-1/2" 90 deg. STREET ELBOW (HUB×SPG)1-1/2"
RLN302-020S	90 deg. STREET ELBOW-SHORT TURN(HUB×SPG)2" 90 deg. STREET ELBOW(HUB×SPG)2"
RLN302-030S	90 deg. STREET ELBOW-SHORT TURN(HUB×SPG)3" 90 deg. STREET ELBOW(HUB×SPG)3"
RLN302-040S	90 deg. STREET ELBOW-SHORT TURN(HUB×SPG)4" 90 deg. STREET ELBOW(HUB×SPG)4"
RLN303-337	90 ELBOW W/ LOW HEEL INLET (HUB×HUB×HUB) 3 x 3 x 1-1/2"
RLN303-338	90 deg. ELBOW W/ LOW HEEL INLET(HUB×HUB×HUB) 3 x 3 x 2"
RLN303-420	90 deg. ELBOW W/ LOW HEEL INLET(HUB×HUB×HUB) 4 x 4 x 2"
RLN304-012	90 deg. LONG SWEEP ELBOW (HUB×HUB)1-1/4"
RLN304-015	90 deg. LONG SWEEP ELBOW (HUB×HUB)1-1/2"
RLN304-020	90 deg. LONG SWEEP ELBOW (HUB×HUB)2"
RLN304-030	90 deg. LONG SWEEP ELBOW (HUB×HUB)3"
RLN304-040	90 deg. LONG SWEEP ELBOW (HUB×HUB)4"
RLN310-338	90 deg. STREET ELBOW W/ LOW HEEL INLET (HUB×SPG×HUB) 3 x 3 x 2"
RLN319-015	60 deg. ELBOW(HUB×HUB)1-1/2"
RLN319-020	60 deg. ELBOW(HUB×HUB)2"
RLN319-030	60 deg. ELBOW(HUB×HUB)3"
RLN319-040	60 deg. ELBOW(HUB×HUB)4"
RLN320-015	60 deg. STREET ELBOW (HUB×SPG)1-1/2"
RLN320-020	60 deg. STREET ELBOW (HUB×SPG)2"
RLN320-030	60 deg. STREET ELBOW (HUB×SPG)3"
RLN320-040	60 deg. STREET ELBOW (HUB×SPG)4"
RLN321-012	45 deg. ELBOW (HUB×HUB)1-1/4" 45 deg. ELBOW LONG-TURN HUBxHUB)1-1/4"
RLN321-015	45 deg. ELBOW (HUB×HUB)1-1/2" 45 deg. ELBOW LONG-TURN HUBxHUB)1-1/2"
RLN321-020L	45 deg. ELBOW (HUB×HUB)2"
RLN321-030L	45 deg. ELBOW (HUB×HUB)3"

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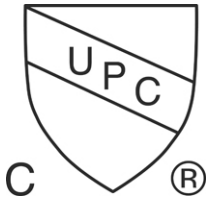
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Model Number	Description
RLN321-040	45 deg. ELBOW (HUB×HUB)4" 45 deg. ELBOW LONG-TURN HUB×HUB)4"
RLN321-060	45 deg. ELBOW (HUB×HUB)6" 45 deg. ELBOW LONG-TURN HUB×HUB)6"
RLN321-015S	45 deg. ELBOW-SHORT TURN (HUB×HUB)1-1/2" 45 deg. ELBOW (HUB×HUB)1-1/2"
RLN321-020S	45 deg. ELBOW-SHORT TURN (HUB×HUB)2" 45 deg. ELBOW (HUB×HUB)2"
RLN321-030S	45 deg. ELBOW-SHORT TURN (HUB×HUB)3" 45 deg. ELBOW (HUB×HUB)3"
RLN321-040S	45 deg. ELBOW-SHORT TURN (HUB×HUB)4" 45 deg. ELBOW (HUB×HUB)4"
RLN323-012	45 deg. STREET ELBOW (HUB×SPG)1-1/4" 45 deg. STREET ELBOW LONG-TURN(HUB×SPG)1-1/4"
RLN323-015	45 deg. STREET ELBOW (HUB×SPG)1-1/2" 45 deg. STREET ELBOW LONG-TURN(HUB×SPG)1-1/2"
RLN323-020L	45 deg. STREET ELBOW (HUB×SPG)2"
RLN323-030L	45 deg. STREET ELBOW (HUB×SPG)3"
RLN323-040	45 deg. STREET ELBOW (HUB×SPG)4" 45 deg. STREET ELBOW LONG-TURN HUB×SPG)
RLN323-060	45 deg. STREET ELBOW (HUB×SPG)6"
RLN323-015S	45 deg. STREET ELBOW-SHORT TURN (HUB×SPG) 1-1/2" 45 deg. STREET ELBOW (HUB×SPG)
RLN323-020S	45 deg. STREET ELBOW-SHORT TURN (HUB×SPG) 2" 45 deg. STREET ELBOW (HUB×SPG)
RLN323-030S	45 deg. STREET ELBOW-SHORT TURN(HUB×SPG) 3" 45 deg. STREET ELBOW (HUB×SPG)
RLN323-040S	45 deg. STREET ELBOW-SHORT TURN(HUB×SPG) 4" 45 deg. STREET ELBOW(HUB×SPG)
RLN324-015	22½ deg. ELBOW(HUB×HUB)1-1/2"
RLN324-020	22½ deg. ELBOW(HUB×HUB)2"
RLN324-030	22½ deg. ELBOW(HUB×HUB)3"
RLN324-040	22½ deg. ELBOW(HUB×HUB)4"
RLN324-060	22½ deg. ELBOW(HUB×HUB)6"
RLN326-015	22½ deg. STREET ELBOW(HUB×SPG)1-1/2"
RLN326-020	22½ deg. STREET ELBOW(HUB×SPG)2"
RLN326-030	22½ deg. STREET ELBOW(HUB×SPG)3"
RLN326-040	22½ deg. STREET ELBOW(HUB×SPG)4"
RLN327-015	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)1-1/2"
RLN327-020	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)2"
RLN327-030	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)3"
RLN327-040	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)4"

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



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INDUSTRIAL CO LTD

Effective Date: July 2024

File Number: 9266

Product: ABS-DWV Pipe and Fittings

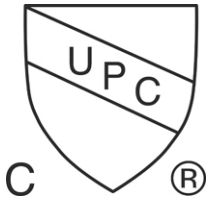
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Model Number	Description
RLN327-241	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)2 x 1-1/2 x 1-1/2"
RLN329-422	90 deg. REDUCING CLOSET ELBOW(HUB×HUB) 4×3 " 90 deg. CLOSET ELBOW (HUB×HUB)4×3"
RLN330X-342	90 deg. REDUCING CLOSET STREET ELBOW W/TEST CAP (HUB×SPG)3 x 4"
RLN330-342	90 deg. REDUCING CLOSET STREET ELBOW (HUB×SPG)3 x 4"
RLN331-012	90 deg. VENT ELBOW(HUB×HUB)1-1/4"
RLN331-015	90 deg. VENT ELBOW(HUB×HUB)1-1/2"
RLN331-020	90 deg. VENT ELBOW(HUB×HUB)2"
RLN331-030	90 deg. VENT ELBOW(HUB×HUB)3"
RLN331-040	90 deg. VENT ELBOW(HUB×HUB)4"
RLN400-012L	SANITARY TEE(HUB×HUB×HUB)1-1/4"
RLN400-012	SANITARY TEE(HUB×HUB×HUB)1-1/4"
RLN400-015L	SANITARY TEE(HUB×HUB×HUB)1-1/2"
RLN400-015	SANITARY TEE(HUB×HUB×HUB)1-1/2"
RLN400-020L	SANITARY TEE(HUB×HUB×HUB)2"
RLN400-020	SANITARY TEE(HUB×HUB×HUB)2"
RLN400-030	SANITARY TEE(HUB×HUB×HUB)3"
RLN400-040L	SANITARY TEE(HUB×HUB×HUB)4"
RLN400-040	SANITARY TEE(HUB×HUB×HUB)4"
RLN400-060	SANITARY TEE(HUB×HUB×HUB)6"
RLN401-222	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/4 x 1-1/4"
RLN401-212	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/2 x 1-1/4"
RLN401-225	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/4 x 1-1/2"
RLN401-241L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×1-1/2"
RLN401-241	SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×1-1/2"
RLN401-251L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×2×1-1/2"
RLN401-251	SANITARY TEE(HUB×HUB×HUB) 2×2×1-1/2"
RLN401-257L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×2"
RLN401-257	SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×2"
RLN401-337	REDUCING SANITARY TEE(HUB×HUB×HUB) 3×3×1-1/2" SANITARY TEE(HUB×HUB×HUB)3×3×1-1/2"

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Model Number	Description
RLN401-338L	REDUCING SANITARY TEE(HUB×HUB×HUB) 3×3×2"
RLN401-338	SANITARY TEE(HUB×HUB×HUB) 3×3×2"
RLN401-419	REDUCING SANITARY TEE(HUB×HUB×HUB) 4 x 4 x 1-1/2"
RLN401-420	REDUCING SANITARY TEE(HUB×HUB×HUB) 4×4×2" SANITARY TEE(HUB×HUB×HUB) 4×4×2"
RLN401-422	REDUCING SANITARY TEE(HUB×HUB×HUB) 4×4×3" SANITARY TEE(HUB×HUB×HUB) 4×4×3"
RLN401-532	REDUCING SANITARY TEE(HUB×HUB×HUB) 6 x 6 x 4"
RLN403-015	STREET SANITARY TEE(SPG×HUB×HUB) 1-1/2"
RLN403-020	STREET SANITARY TEE(SPG×HUB×HUB) 2"
RLN403-030	STREET SANITARY TEE(SPG×HUB×HUB) 3"
RLN403-040	STREET SANITARY TEE(SPG×HUB×HUB) 4"
RLN404-241	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×1-1/2×1-1/2"
RLN404-251	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×2×1-1/2"
RLN404-257	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×1-1/2×2"
RLN404-337	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 3×3×1-1/2" STREET SANITARY TEE (SPG×HUB×HUB) 3×3×1-1/2"
*RLN404-338	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 3 x 3 x 2"
*RLN416-337	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2"
*RLN416-338	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x 3 x 2"
*RLN416-329	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x 2 x 2"
*RLN416-420	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 4 x 4 x 4 x 2"
*RLN417-337	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2"
*RLN417-338	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x 3 x 2"
*RLN417-329	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x 2 x 2"
*RLN417-420	SANITARY TEE W /RIGHT SIDE INLET(ALL HUB) 4 x 4 x 4 x 2"
*RLN418-337	SANITARY TEE W/R & L SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2 x 1-1/2"
*RLN418-338	SANITARY TEE W/R & L SIDE INLET(ALL HUB) 3 x 3 x 3 x 2 x 2"
*RLN418-420	SANITARY TEE W/R & L SIDE INLET(ALL HUB) 4"×4"×4"×2"×2"
RLN428-015	DOUBLE SANITARY TEE(ALL HUB)1-1/2"
RLN428-020	DOUBLE SANITARY TEE(ALL HUB)2"
RLN428-030	DOUBLE SANITARY TEE(ALL HUB)3"

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Model Number	Description
RLN428-040	DOUBLE SANITARY TEE(ALL HUB)4"
RLN429-251	REDUCING DOUBLE SANITARY TEE(ALL HUB) 2×2×1-1/2×1-1/2"DOUBLE SANITARY TEE (ALL HUB)2×2×1-1/2×1-1/2"
RLN429-337	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3×3×1-1/2×1-1/2" DOUBLE SANITARY TEE (ALL HUB)3×3×1-1/2×1-1/2"
RLN429-338	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3 x 3 x 2 x 2"
RLN429-420	REDUCING DOUBLE SANITARY TEE(ALL HUB) 4 x 4 x 2 x 2"
RLN429-422	REDUCING DOUBLE SANITARY TEE(ALL HUB) 4 x 4 x 3 x 3"
RLN429-323	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3 x 3 x 2 x 1-1/2"
*RLN438-337	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)3 x 3 x 3 x 3 x 1-1/ 2"
*RLN438-338	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)3 x 3 x 3 x 3 x 2"
*RLN438-420	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)4 x 4 x 4 x 4 x 2"
*RLN439-338	DOUBLE SANITARY TEE W / R & L SIDE INLET(ALL HUB)3 x 3 x 3 x 3 x 2 x 2"
RLN441-015	VENT TEE(HUB×HUB×HUB)1-1/2"
RLN441-020	VENT TEE(HUB×HUB×HUB)2"
RLN441-030	VENT TEE(HUB×HUB×HUB)3"
RLN441-040	VENT TEE(HUB×HUB×HUB)4"
RLN441-337	VENT TEE(HUB×HUB×HUB)3"×3"×1-1/2"
RLN441-338	VENT TEE(HUB×HUB×HUB)3"×3"×2"
RLN444X-427	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 4×3×4" TEST TEE (HUB×HUB×CLEANOUT)4×3×4"
RLN444X-015L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 1-1/2"
RLN444X-015	TEST TEE (HUB×HUB×CLEANOUT)1-1/2"
RLN444X-020L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 2"
RLN444X-020	TEST TEE (HUB×HUB×CLEANOUT)2"
RLN444X-030L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 3"
RLN444X-030	TEST TEE (HUB×HUB×CLEANOUT)3"
RLN444X-040L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 4"
RLN444X-040	TEST TEE (HUB×HUB×CLEANOUT)4"
RLN448-030	TWO-WAY CLEANOUT(HUB×HUB×HUB)3"
RLN448-040	TWO-WAY CLEANOUT(HUB×HUB×HUB)4"
RLN500-020	DOUBLE FIXTURE FITTING(ALL HUB)2"

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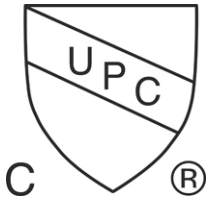
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Model Number	Description
RLN500-030	DOUBLE FIXTURE FITTING(ALL HUB)3"
RLN500-241	DOUBLE FIXTURE FITTING(ALL HUB)2 x 1-1/2 x 1-1/2 x 1-1/2"
RLN500-257	DOUBLE FIXTURE FITTING(ALL HUB)2 x 1-1/2 x 2 x 2"
RLN500-338	DOUBLE FIXTURE FITTING(ALL HUB)3 x 2 x 3 x 3"
RLN501-015	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 1-1/2"
RLN501-020	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 2"
RLN501-030	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 3"
RLN501-040	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 4"
RLN502-241	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 1-1/2 x 1-1/2"
RLN502-251	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 2 x 1-1/2"
RLN502-257	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 1-1/2 x 2"
RLN502-337	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)3 x 3 x 1-1/2"
RLN502-338	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)3 x 3 x 2"
RLN502-420	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)4 x 4 x 2"
RLN502-422	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)4 x 4 x 3"
RLN503-020	COMBINATION WYE & 1/8 BEND (TWO PC)(HUB×HUB×HUB) 2"
RLN600-012	45 deg. WYE (HUB×HUB×HUB) 1-1/4"
RLN600-015L	45 deg. WYE(HUB×HUB×HUB) 1-1/2"
RLN600-015	45 deg. WYE(HUB×HUB×HUB) 1-1/2"
RLN600-020L	45 deg. WYE(HUB×HUB×HUB) 2"
RLN600-020	45 deg.WYE(HUB×HUB×HUB) 2"
RLN600-030L	45 deg. WYE(HUB×HUB×HUB) 3"
RLN600-030	45 deg. WYE(HUB×HUB×HUB) 3"
RLN600-040L	45 deg. WYE(HUB×HUB×HUB) 4"
RLN600-040	45 deg. WYE(HUB×HUB×HUB) 4"
RLN600-060	45 deg. WYE(HUB×HUB×HUB) 6"
RLN601-241	45 deg. REDUCING WYE (HUB×HUB×HUB)2×1-1/2×1-1/2" 45 deg. WYE(HUB×HUB×HUB)
RLN601-251L	45 deg. REDUCING WYE(HUB×HUB×HUB) 2×2×1-1/2"
RLN601-251	45 deg. WYE (HUB×HUB×HUB) 2×2×1-1/2"

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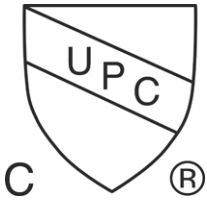
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Model Number	Description
RLN601-337L	45 deg. REDUCING WYE(HUB×HUB×HUB) 3×3×1-1/2"
RLN601-337	45 deg. WYE (HUB×HUB×HUB) 3×3×1-1/2"
RLN601-338L	45 deg. REDUCING WYE(HUB×HUB×HUB)3×3×2"
RLN601-338	45 deg. WYE (HUB×HUB×HUB) 3×3×2"
RLN601-419	45 deg. REDUCING WYE (HUB×HUB×HUB) 4 x 4 x 1-1/2"
RLN601-420L	45 deg. REDUCING WYE(HUB×HUB×HUB) 4×4×2"
RLN601-420	45 deg. WYE (HUB×HUB×HUB) 4×4×2"
RLN601-422L	45 deg. REDUCING WYE(HUB×HUB×HUB) 4×4×3"
RLN601-422	45 deg. WYE (HUB×HUB×HUB) 4×4×3"
RLN601-530	45 deg. REDUCING WYE (HUB×HUB×HUB) 6 x 6 x 3"
RLN601-532	45 deg. REDUCING WYE (HUB×HUB×HUB) 6×6×4" 45 deg. WYE (HUB×HUB×HUB)
RLN601-209	
RLN601-210	
RLN610-015	
RLN602-015	45 deg. STREET WYE (SPG×HUB×HUB)1 1/2"
RLN602-020	45 deg. STREET WYE (SPG×HUB×HUB)2"
RLN602-030	45 deg. STREET WYE(SPG×HUB×HUB)3"
RLN602-040	45 deg. STREET WYE (SPG×HUB×HUB)4
RLN603-337	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)3 x 3 x 1-1/2"
RLN603-338	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)3 x 3 x 2"
RLN603-422	45 deg. REDUCING STREET WYE(SPG×HUB×HUB) 4 x 4 x 3"
RLN611-015	45 deg. DOUBLE WYE(ALL HUB)1-1/2"
RLN611-020	45 deg. DOUBLE WYE(ALL HUB)2
RLN611-030L	45 deg. DOUBLE WYE(ALL HUB)3"
RLN611-030	45 deg. DOUBLE WYE(ALL HUB)3"
RLN611-040	45 deg. DOUBLE WYE(ALL HUB)4
RLN612-251	45 deg. REDUCING DOUBLE WYE(ALL HUB)2 x 2 x 1-1/2 x 1-1/2"
RLN612-337	45 deg. REDUCING DOUBLE WYE(ALL HUB)3 x 3 x 1-1/2 x 1-1/2"
RLN612-338	45 deg. REDUCING DOUBLE WYE(ALL HUB)3×3×2×2"

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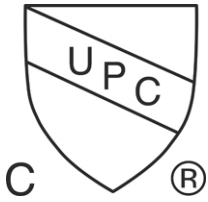
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Model Number	Description
RLN612-420	45 deg. REDUCING DOUBLE WYE(ALL HUB)4 x 4 x 2 x 2"
RLN612-422	45 deg. REDUCING DOUBLE WYE(ALL HUB)4 x 4 x 3 x 3"
RLN612-532	45 deg. REDUCING DOUBLE WYE(ALL HUB)6 x 6 x 4 x 4"
RLN604-015	CLEANOUT WYE (HUB×HUB×FIPT)1-1/2"
RLN700-015	RETURN BEND(HUB×HUB) 1-1/2"
RLN700-020	RETURN BEND(HUB×HUB) 2"
RLN700-030	RETURN BEND(HUB×HUB) 3"
RLN700-040	RETURN BEND(HUB×HUB) 4"
RLN701-015	RETURN BEND(HUB×HUB×CLEANOUT W/PLUG) 1-1/2"
RLN701-020	RETURN BEND(HUB×HUB×CLEANOUT W/PLUG) 2"
RLN706X-015	P-TRAP(HUB×HUB)1-1/2"
RLN706X-020	P-TRAP(HUB×HUB)2"
RLN706X-030	P-TRAP(HUB×HUB)3"
RLN706X-040	P-TRAP(HUB×HUB)4"
RLN707X-015	P-TRAP W/PLUG(HUB×HUB×CLEANOUT W/PLUG) 1-1/2" P-TRAP (HUBxHUBxCLEANOUT)
RLN707X-020	P-TRAP W/PLUG(HUB×HUB×CLEANOUT W/PLUG)2" P-TRAP (HUBxHUBxCLEANOUT)
RLN708P-012	P-TRAP W/UNION JOINT(HUB×HUB)1-1/4"
RLN708P-015	P-TRAP W/UNION JOINT(HUB×HUB)1-1/2"
RLN708P-020	P-TRAP W/UNION JOINT(HUB×HUB)2"
RLN711M-015	LA PATTERN P-TRAP W/UNION&PLASTIC NUT(HUB×SJ)1-1/2"
RLN711M-212	LA PATTERN P-TRAP W/UNION&PLASTIC NUT(HUB×SJ) 1-1/2 x 1-1/4"
RLN712-015	P-TRAP W/UNION &C/O(HUB×HUB×C/O)1-1/2"
RLN800-040	CLOSET FLANGE (HUB) 4×4"
RLN800-422L	CLOSET FLANGE (HUB) 4×3"
RLN800-422	CLOSET FLANGE (HUB) 4×3"
RLN800T-040	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB)4 x 4"
RLN800T-422L	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB) 4 x 3"
RLN800T-422	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB) 4 x 3"
RLN801-422	REDUCING CLOSET FLANGE (SPG) 4 x 3"

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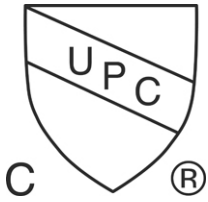
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Model Number	Description
RLN810P-040	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(HUB)4 x 4"
RLN812P-040	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(SPG)4 x 4"
RLN812P-422	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(SPG)4 x 3"
RLN815-040	FLUSH CLOSET FLANGE (INSIDE 4",OUTSIDE 3") 4 x 4 / 4 x 3
RLN815K-040	CLOSET FLANGE W/KONCKOUT & PIPE STOP(HUB) 4 x 4 / 4 x 3
RLN815PS-040	CLOSET FLANGE W/ PIPE STOP(HUB)4 x 4/4 x 3
RLNH119-015	EXPANSION JOINT(HUB×HUB)1-1/2"
RLNH119-020	EXPANSION JOINT(HUB×HUB)2"
RLNH119-030	EXPANSION JOINT(HUB×HUB)3"
RLNH119-040	EXPANSION JOINT(HUB×HUB)4"
RLNH119S-030	EXPANSION JOINT(HUB×SPG)3"
RLN830-422	CLOSET FLANGE(FIPT)4 x 3
RLN831-422	CLOSET FLANGE(MIPT)4 x 3"
RLN702X-363	DRUM TRAP W/CLEANOUT3 x 6 x 1 1/2
RLN900-015	TRAY PLUG ADAPTER1 ½
RLN103-020	TRAP ADAPTER(SPGXSJ)2"
RLN126-030	UNION(HUB×HUB)3"
RLN126-040	UNION(HUB×HUB)4"
RLN330X-422	90 deg. REDUCING CLOSET STREET ELBOW W/ TEST CAP(HUB×SPG)4 x 3"
RLN330-422	90 deg. REDUCING CLOSET STREET ELBOW (HUB×SPG)4x3"
RLN445-015	TEST TEE(HUBxHUBxFIPT)1 -1/2"
RLN445-015L	TEST TEE(HUBxHUBxFIPT)1 -1/2"
RLN445-020	TEST TEE(HUBxHUBxFIPT)2"
RLN445-020L	TEST TEE(HUBxHUBxFIPT)2"
RLN445-030	TEST TEE(HUBxHUBxFIPT)3"
RLN445-030L	TEST TEE(HUBxHUBxFIPT)3"
RLN445-040	TEST TEE(HUBxHUBxFIPT)4"
RLN445-040L	TEST TEE(HUBxHUBxFIPT)4"
RLN445-427	TEST TEE(HUBxHUBxFIPT)4x3x4"

IAPMO RESEARCH AND TESTING, INC.

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INDUSTRIAL CO LTD

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Product: ABS-DWV Pipe and Fittings

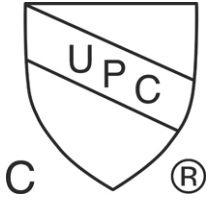
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Model Number	Description
RLN603-251	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)2x2x1-1/2"
RLN603-420	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)4 x 4 x 2"
RLN800R-040	CLOSET FLANGE W/RING-PULL TEST PLUG(HUB 4x4"
RLN800R-422L	CLOSET FLANGE W/RING-PULL TEST PLUG(HUB)4 x 3"
RLN800R-422	CLOSET FLANGE W/ RING-PULL TEST PLUG(HUB)4 x 3"
RLN800T-040C	CLOSET FLANGE W/THREADED TEST PLUG(HUB)4 x 4"
RLN800T-422CL	CLOSET FLANGE W/THREADED TEST PLUG(HUB)4 x 3"
RLN800T-422C	ABS CLOSET FLANGE W/THREADED TEST PLUG(HUB4x3"
CPRLN100-012	COUPLING(HUB×HUB) 1-1/4"
CPRLN100-015	COUPLING(HUB×HUB) 1-1/2"
CPRLN100-020	COUPLING(HUB×HUB) 2"
CPRLN100-030	COUPLING(HUB×HUB) 3"
CPRLN100-040	COUPLING(HUB×HUB) 4"
CPRLN100-060	COUPLING(HUB×HUB) 6"
CPRLN101-012	FEMALE ADAPTER(HUB×FIPT) 1-1/4"
CPRLN101-015	FEMALE ADAPTER(HUB×FIPT) 1-1/2"
CPRLN101-020	FEMALE ADAPTER(HUB×FIPT) 2"
CPRLN101-030	FEMALE ADAPTER(HUB×FIPT) 3"
CPRLN101-040	FEMALE ADAPTER(HUB×FIPT) 4"
CPRLN101-060	FEMALE ADAPTER(HUB×FIPT) 6"
CPRLN102-212	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)1-1/2×1-1/4"
CPRLN102-251	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB) 2×1-1/2"
CPRLN102-337	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)3×1-1/2"
CPRLN102-338	PIPE INCREASER-REDUCER(HUBxHUB)REDUCING COUPLING (HUBxHUB) 3×2" REDUCING COUPLING (HUBxHUB)
CPRLN102-419	PIPE INCREASER-REDUCER (HUBxHUB)REDUCING COUPLING (HUBxHUB)4×1-1/2"
CPRLN102-420L	PIPE INCREASER-REDUCER (HUBxHUB)4×2"
CPRLN102-420	REDUCING COUPLING (HUBxHUB)
CPRLN102-422L	PIPE INCREASER-REDUCER (HUBxHUB)4×3"
CPRLN102-422	REDUCING COUPLING (HUBxHUB)

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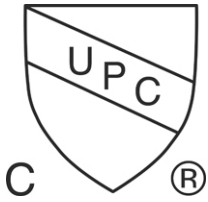
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Model Number	Description
CPRLN103-012	TRAP ADAPTER(SPGXSJ) 1-1/4"
CPRLN103-015	TRAP ADAPTER(SPGXSJ) 1-1/2"
CPRLN103-212	TRAP ADAPTER(SPGXSJ) 1-1/2" X 1-1/4"
CPRLN103W-015	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ) 1-1/2"
CPRLN103W-020	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ)2"
CPRLN103W-212	TRAP ADAPTER W/CHROME NUT & WASHER (SPG×SJ)1-1/2×1-1/4"
CPRLN103P-012	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) TRAP ADAPTER (SPG×SJ) 1-1/4"
CPRLN103P-015	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) TRAP ADAPTER (SPG×SJ)-1/2"
CPRLN103P-212	TRAP ADAPTER W/PLASTIC NUT(SPG×SJ) 1-1/2×1-1/4" TRAP ADAPTER (SPG×SJ)
CPRLN103X-012	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/4"
CPRLN103X-015	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/2"
CPRLN103X-020	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)2"
CPRLN103X-212	TRAP ADAPTER W/ PLASTIC NUT & WASHER (SPG×SJ)1-1/2×1-1/4"
CPRLN104-012	TRAP ADAPTER (HUB x SJ) 1-1/4"
CPRLN104-015	TRAP ADAPTER (HUB x SJ) 1-1/2"
CPRLN104-020	TRAP ADAPTER (HUB x SJ) 2"
CPRLN104-212	TRAP ADAPTER (HUB x SJ) 1-1/2" X 1-1/4"
CPRLN104W-020	TRAP ADAPTER W/CHROME NUT & WASHER (HUB×SJ)2"
CPRLN104W-212	TRAP ADAPTER W/CHROME NUT & WASHER (HUB×SJ)1-1/2×1-1/4"
CPRLN104P-012	TRAP ADAPTER W/PLASTIC NUT(HUB×SJ) 1-1/4" TRAP ADAPTER (HUB×SJ)
CPRLN104P-015	TRAP ADAPTER W/PLASTIC NUT(HUB×SJ) 1-1/2" TRAP ADAPTER (HUB×SJ)
CPRLN104P-212	TRAP ADAPTER W/PLASTIC NUT(HUB×SJ) TRAP ADAPTER (HUB×SJ)1-1/2×1-1/4"
CPRLN104X-012	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUB×SJ)1-1/4"
CPRLN104X-015	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUB×SJ)1-1/2"
CPRLN104X-020	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUB×SJ)2"
CPRLN104X-212	TRAP ADAPTER W/ PLASTIC NUT & WASHER (HUB×SJ)1-1/2×1-1/4"
CPRLN105-012	CLEANOUT ADAPTER (SPG×FIPT)1-1/4"
CPRLN105-015	CLEANOUT ADAPTER (SPG×FIPT)1-1/2" FEMALE ADAPTER (SPG×FIPT)
CPRLN105-020	CLEANOUT ADAPTER (SPG×FIPT)2" FEMALE ADAPTER (SPG×FIPT)

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CPRLN105-030	CLEANOUT ADAPTER (SPG×FIPT)3" FEMALE ADAPTER (SPG×FIPT)
CPRLN105-040	CLEANOUT ADAPTER (SPG×FIPT)4" FEMALE ADAPTER (SPG×FIPT)
CPRLN105-060	CLEANOUT ADAPTER (SPG×FIPT)6"
CPRLN105X-012	CLEANOUT ADAPTER W/PLUG (SPG×CLEANOUT W/PLUG)1-1/4"
CPRLN105X-015	CLEANOUT ADAPTER W/PLUG (SPG×CLEANOUT W/PLUG)1-1/2" CLEANOUT ADAPTER (SPG×CLEANOUT)
CPRLN105X-020	CLEANOUT ADAPTER W/PLUG(SPG×CLEANOUT W/PLUG)2"CLEANOUT ADAPTER (SPG×CLEANOUT)
CPRLN105X-030	CLEANOUT ADAPTER W/PLUG(SPG×CLEANOUT W/PLUG)3"CLEANOUT ADAPTER (SPG×CLEANOUT)
CPRLN105X-040	CLEANOUT ADAPTER W/PLUG(SPG×CLEANOUT W/PLUG)4"CLEANOUT ADAPTER (SPG×CLEANOUT)
CPRLN105X-060	CLEANOUT ADAPTER W/PLUG(SPG×CLEANOUT W/PLUG)6"
CPRLN106-015	CLEANOUT PLUG(MIPT) 1-1/2"
CPRLN106-020	CLEANOUT PLUG(MIPT) 2"
CPRLN106-025	CLEANOUT PLUG(MIPT) 2-1/2"
CPRLN106-030	CLEANOUT PLUG(MIPT) 3"
CPRLN106-035	CLEANOUT PLUG(MIPT) 3-1/2"
CPRLN106-040	CLEANOUT PLUG(MIPT) 4"
CPRLN106R-012	PLUG WITH GASKET(MIPT)1-1/4"
CPRLN106R-015	PLUG WITH GASKET(MIPT)1-1/2"
CPRLN106R-020	PLUG WITH GASKET(MIPT)2"
CPRLN106R-025	PLUG WITH GASKET(MIPT)2-1/2"
CPRLN106R-030	PLUG WITH GASKET(MIPT)3"
CPRLN106R-035	PLUG WITH GASKET(MIPT)2-1/2"
CPRLN106R-040	PLUG WITH GASKET(MIPT)4"
CPRLN106R-060	PLUG WITH GASKET(MIPT)6"
CPRLN107-212	FLUSH BUSHING(SPG×HUB)1-1/2×1-1/4"
CPRLN107-251	FLUSH BUSHING(SPG×HUB)2×1-1/2"
CPRLN107-337	FLUSH BUSHING(SPG×HUB)3×1-1/2"
CPRLN107-338	FLUSH BUSHING(SPG×HUB)3×2"
CPRLN107-419	FLUSH BUSHING(SPG×HUB)4×1-1/2"
CPRLN107-420	FLUSH BUSHING(SPG×HUB)4×2"

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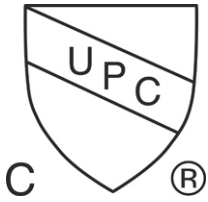
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Model Number	Description
CPRLN107-422	FLUSH BUSHING(SPG×HUB)4×3"
CPRLN107-532	FLUSH BUSHING(SPG×HUB)6×4"
CPRLN108-209	FLUSH ADAPTER (SPG×FIPT)1-1/2×1/2"
CPRLN108-210	FLUSH ADAPTER (SPG×FIPT)1-1/2×3/4"
CPRLN108-212	FLUSH ADAPTER (SPG×FIPT)1-1/2 x 1-1/4"
CPRLN108-251	FLUSH ADAPTER (SPG×FIPT)2 x 1-1/2"
CPRLN108-337	FLUSH ADAPTER (SPG×FIPT)3×1-1/2"
CPRLN108-338	FLUSH ADAPTER (SPG×FIPT)3x 2"
CPRLN108-422	FLUSH ADAPTER (SPG×FIPT)4x 3"
CPRLN109-012	MALE ADAPTER(HUB×MIPT) 1-1/4"
CPRLN109-015	MALE ADAPTER(HUB×MIPT) 1-1/2"
CPRLN109-020	MALE ADAPTER(HUB×MIPT) 2"
CPRLN109-030	MALE ADAPTER(HUB×MIPT) 3"
CPRLN109-040	MALE ADAPTER(HUB×MIPT) 4"
CPRLN109-212	MALE ADAPTER(HUB×MIPT) 1-1/2×1-1/4"
CPRLN110S-015	SLIP PLUG (SPG) 1-1/2"
CPRLN110S-020	SLIP PLUG(SPG) 2"
CPRLN110S-025	SLIP PLUG 2-1/2"
CPRLN110S-030	SLIP PLUG(SPG) 3"
CPRLN110S-035	SLIP PLUG(SPG) 3-1/2"
CPRLN110S-040	SLIP PLUG(SPG) 4"
CPRLN111-012	MALE ADAPTER(SPG×MIPT) 1-1/4"
CPRLN111-015	MALE ADAPTER(SPG×MIPT) 1-1/2"
CPRLN111-020	MALE ADAPTER(SPG×MIPT) 2"
CPRLN111-030	MALE ADAPTER(SPG×MIPT) 3"
CPRLN111-040	MALE ADAPTER(SPG×MIPT)4"
CPRLN111-212	MALE ADAPTER(SPG×MIPT)1-1/2×1-1/4"
CPRLN116-012	CAP(HUB)1-1/4"
CPRLN116-015	CAP(HUB)1-1/2"

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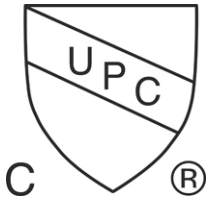
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Model Number	Description
CPRLN116-020	CAP(HUB)2"
CPRLN116-030	CAP(HUB)3"
CPRLN116-040	CAP(HUB)4"
CPRLN116-060	CAP(HUB)6"
CPRLN117-342	SEWER & DRAIN ADAPTER(HUBxHUB) 3 x 4"
CPRLN117-422	SEWER & DRAIN ADAPTER (HUBxHUB)4x3" SEWER DRAIN ADAPTER (HUBxHUB)
CPRLN119-020	NO-HUB ADAPTER(SPGxHUB)2"
CPRLN119-030	NO-HUB ADAPTER(SPGxHUB)3"
CPRLN119-040	NO-HUB ADAPTER(SPGxHUB)4"
CPRLN119-251	NO-HUB ADAPTER(SPGxHUB)2 x 1-1/2"
CPRLN119-422	NO-HUB ADAPTER(SPGxHUB)4 x 3"
CPRLN120-015	ABS-COPPER ADAPTER (HUBxSJ)1-1/2"
CPRLN120-212	ABS-COPPER ADAPTER (HUBxSJ) 1-1/2x1-1/4"
CPRLN123-020	HUB ADAPTER CAST IRON (HUBxSJ)2"
CPRLN123-030	HUB ADAPTER CAST IRON (HUBxSJ)3"
CPRLN123-040	HUB ADAPTER CAST IRON (HUBxSJ)4"
CPRLN123R-213	HUB ADAPTER CAST IRON INCREASER(HUBxSJ) 1-1/2 x 2"
CPRLN123R-342	HUB ADAPTER CAST IRON INCREASER(HUBxSJ) 3 x 4"
CPRLN126-015	UNION(HUBxHUB)1-1/2"
CPRLN126-020	UNION(HUBxHUB)2"
CPRLN130-015	REPAIR COUPLING(HUBxHUB)1-1/2"
CPRLN130-020	REPAIR COUPLING(HUBxHUB)2"
CPRLN130-030	REPAIR COUPLING(HUBxHUB)3"
CPRLN130-040	REPAIR COUPLING(HUBxHUB)4"
CPRLN130X-015	TRAY PLUG ADAPTER - SPIGOT 1-1/2"
CPRLN135-015	THREADED CAP (FIPT) 1-1/2"
CPRLN135-020	THREADED CAP (FIPT) 2"
CPRLN135-030	THREADED CAP (FIPT) 3"
CPRLN300-012	90 deg.ELBOW (HUBxHUB) 1-1/4" 90 deg.ELBOW LONG-TURN (HUBxHUB)

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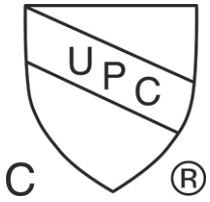
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Model Number	Description
CPRLN300-015	90 deg.ELBOW (HUB×HUB) 1-1/2" 90 deg.ELBOW LONG-TURN (HUB×HUB)
CPRLN300-020	90 deg.ELBOW (HUB×HUB) 2" 90 deg.ELBOW LONG-TURN (HUB×HUB)
CPRLN300-030	90 deg.ELBOW (HUB×HUB) 3" 90 deg.ELBOW LONG-TURN (HUB×HUB)
CPRLN300-040	90 deg.ELBOW (HUB×HUB) 4" 90 deg.ELBOW LONG-TURN (HUB×HUB)
CPRLN300-060	90 deg.ELBOW (HUB×HUB) 6" 90 deg.ELBOW LONG-TURN (HUB×HUB)
CPRLN300-012S	90 deg.ELBOW-SHORT TURN (HUB×HUB)1-1/4"
CPRLN300-015S	90 deg.ELBOW-SHORT TURN (HUB×HUB)1-1/2" 90 deg.ELBOW (HUB×HUB)
CPRLN300-020S	90 deg.ELBOW-SHORT TURN (HUB×HUB)2" 90 deg.ELBOW (HUB×HUB)
CPRLN300-030S	90 deg.ELBOW-SHORT TURN (HUB×HUB)3" 90 deg.ELBOW (HUB×HUB)
CPRLN300-040S	90 deg.ELBOW-SHORT TURN (HUB×HUB)4" 90 deg.ELBOW (HUB×HUB)
CPRLN300-060S	90 deg.ELBOW-SHORT TURN (HUB×HUB)6"
*CPRLN300S-337	90 deg.ELBOW WITH SIDE INLET (HUB×HUB×HUB) 3 x 3 x 1-1/2"
*CPRLN300S-338	90 deg.ELBOW WITH SIDE INLET (HUB×HUB×HUB) 3 x 3 x 2"
CPRLN302-012	90 deg.STREET ELBOW (HUB×SPG)1-1/4" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)1-1/4"
CPRLN302-015	90 deg. STREET ELBOW (HUB×SPG)1-1/2" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)1-1/2"
CPRLN302-020	90 deg.STREET ELBOW (HUB×SPG)2" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)2"
CPRLN302-030	90 deg.STREET ELBOW (HUB×SPG)3" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)3"
CPRLN302-040	90 deg. STREET ELBOW (HUB×SPG)4" 90 deg. STREET ELBOW LONG-TURN(HUBxSPG)4"
CPRLN302-060	90 deg. STREET ELBOW (HUB×SPG)6"
CPRLN302-015S	90 deg. STREET ELBOW-SHORT TURN(HUB×SPG)1-1/2" 90 deg. STREET ELBOW (HUB×SPG)1-1/2"
CPRLN302-020S	90 deg. STREET ELBOW-SHORT TURN(HUB×SPG)2" 90 deg. STREET ELBOW(HUB×SPG)2"
CPRLN302-030S	90 deg.STREET ELBOW-SHORT TURN(HUB×SPG)3" 90 deg. STREET ELBOW(HUB×SPG)3"
CPRLN302-040S	90 deg.STREET ELBOW-SHORT TURN(HUB×SPG)4" 90 deg. STREET ELBOW(HUB×SPG)4"
CPRLN303-337	90 ELBOW W/ LOW HEEL INLET (HUB×HUB×HUB) 3 x 3 x 1-1/2"
CPRLN303-338	90 deg.ELBOW W/ LOW HEEL INLET(HUB×HUB×HUB) 3 x 3 x 2"
CPRLN303-420	90 deg.ELBOW W/ LOW HEEL INLET(HUB×HUB×HUB) 4 x 4 x 2"
CPRLN304-012	90 deg.LONG SWEEP ELBOW (HUB×HUB)1-1/4"
CPRLN304-015	90 deg.LONG SWEEP ELBOW (HUB×HUB)1-1/2"
CPRLN304-020	90 deg.LONG SWEEP ELBOW (HUB×HUB)2"

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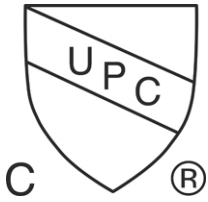
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Model Number	Description
CPRLN304-030	90 deg.LONG SWEEP ELBOW (HUB×HUB)3"
CPRLN304-040	90 deg.LONG SWEEP ELBOW (HUB×HUB)4"
CPRLN310-338	90 deg.STREET ELBOW W/ LOW HEEL INLET (HUB×SPG×HUB) 3 x 3 x 2"
CPRLN319-015	60 deg. ELBOW(HUB×HUB)1-1/2"
CPRLN319-020	60 deg. ELBOW(HUB×HUB)2"
CPRLN319-030	60 deg. ELBOW(HUB×HUB)3"
CPRLN319-040	60 deg. ELBOW(HUB×HUB)4"
CPRLN320-015	60 deg. STREET ELBOW (HUB×SPG)1-1/2"
CPRLN320-020	60 deg. STREET ELBOW (HUB×SPG)2"
CPRLN320-030	60 deg. STREET ELBOW (HUB×SPG)3"
CPRLN320-040	60 deg. STREET ELBOW (HUB×SPG)4"
CPRLN321-012	45 deg. ELBOW (HUB×HUB)1-1/4" 45 deg. ELBOW LONG-TURN HUBxHUB)1-1/4"
CPRLN321-015	45 deg. ELBOW (HUB×HUB)1-1/2" 45 deg. ELBOW LONG-TURN HUBxHUB)1-1/2"
CPRLN321-020L	45 deg. ELBOW (HUB×HUB)2"
CPRLN321-030L	45 deg. ELBOW (HUB×HUB)3"
CPRLN321-040	45 deg. ELBOW (HUB×HUB)4" 45 deg. ELBOW LONG-TURN HUBxHUB)4"
CPRLN321-060	45 deg. ELBOW (HUB×HUB)6" 45 deg. ELBOW LONG-TURN HUBxHUB)6"
CPRLN321-015S	45 deg. ELBOW-SHORT TURN (HUB×HUB)1-1/2" 45 deg. ELBOW (HUB×HUB)1-1/2"
CPRLN321-020S	45 deg. ELBOW-SHORT TURN (HUB×HUB)2" 45 deg. ELBOW (HUB×HUB)2"
CPRLN321-030S	45 deg. ELBOW-SHORT TURN (HUB×HUB)3" 45 deg. ELBOW (HUB×HUB)3"
CPRLN321-040S	45 deg. ELBOW-SHORT TURN (HUB×HUB)4" 45 deg. ELBOW (HUB×HUB)4"
CPRLN323-012	45 deg. STREET ELBOW (HUB×SPG)1-1/4" 45 deg. STREET ELBOW LONG-TURN(HUBxSPG)1-1/4"
CPRLN323-015	45 deg. STREET ELBOW (HUB×SPG)1-1/2" 45 deg. STREET ELBOW LONG-TURN(HUBxSPG)1-1/2"
CPRLN323-020L	45 deg. STREET ELBOW (HUB×SPG)2"
CPRLN323-030L	45 deg. STREET ELBOW (HUB×SPG)3"
CPRLN323-040	45 deg. STREET ELBOW (HUB×SPG)4" 45 deg. STREET ELBOW LONG-TURN HUBxSPG)
CPRLN323-060	45 deg. STREET ELBOW (HUB×SPG)6
CPRLN323-015S	45 deg. STREET ELBOW-SHORT TURN (HUB×SPG) 1-1/2" 45 deg. STREET ELBOW (HUB×SPG)
CPRLN323-020S	45 deg. STREET ELBOW-SHORT TURN (HUB×SPG) 2" 45 deg. STREET ELBOW (HUB×SPG)

IAPMO RESEARCH AND TESTING, INC.

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INDUSTRIAL CO LTD

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Product: ABS-DWV Pipe and Fittings

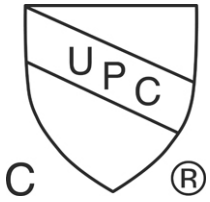
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Model Number	Description
CPRLN323-030S	45 deg. STREET ELBOW-SHORT TURN(HUB×SPG) 3" 45 deg. STREET ELBOW (HUB×SPG)
CPRLN323-040S	45 deg. STREET ELBOW-SHORT TURN(HUB×SPG) 4" 45 deg. STREET ELBOW(HUB×SPG)
CPRLN324-015	22½ deg. ELBOW(HUB×HUB)1-1/2"
CPRLN324-020	22½ deg. ELBOW(HUB×HUB)2"
CPRLN324-030	22½ deg. ELBOW(HUB×HUB)3"
CPRLN324-040	22½ deg. ELBOW(HUB×HUB)4"
CPRLN324-060	22½ deg. ELBOW(HUB×HUB)6"
CPRLN326-015	22½ deg. STREET ELBOW(HUB×SPG)1-1/2"
CPRLN326-020	22½ deg. STREET ELBOW(HUB×SPG)2"
CPRLN326-030	22½ deg. STREET ELBOW(HUB×SPG)3"
CPRLN326-040	22½ deg. STREET ELBOW(HUB×SPG)4"
CPRLN327-015	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)1-1/2"
CPRLN327-020	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)2"
CPRLN327-030	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)3"
CPRLN327-040	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)4"
CPRLN327-241	90 deg. DOUBLE ELBOW(HUB×HUB×HUB)2 x 1-1/2 x 1-1/2"
CPRLN329-422	90 deg. REDUCING CLOSET ELBOW(HUB×HUB) 4×3 " 90 deg. CLOSET ELBOW (HUB×HUB)4×3"
CPRLN330X-342	90 deg. REDUCING CLOSET STREET ELBOW W/TEST CAP (HUB×SPG)3 x 4"
CPRLN330-342	90 deg. REDUCING CLOSET STREET ELBOW (HUB×SPG)3 x 4"
CPRLN331-012	90 deg. VENT ELBOW(HUB×HUB)1-1/4"
CPRLN331-015	90 deg. VENT ELBOW(HUB×HUB)1-1/2"
CPRLN331-020	90 deg. VENT ELBOW(HUB×HUB)2"
CPRLN331-030	90 deg. VENT ELBOW(HUB×HUB)3"
CPRLN331-040	90 deg. VENT ELBOW(HUB×HUB)4"
CPRLN400-012L	SANITARY TEE(HUB×HUB×HUB)1-1/4"
CPRLN400-012	SANITARY TEE(HUB×HUB×HUB)1-1/4"
CPRLN400-015L	SANITARY TEE(HUB×HUB×HUB)1-1/2"
CPRLN400-015	SANITARY TEE(HUB×HUB×HUB)1-1/2"
CPRLN400-020L	SANITARY TEE(HUB×HUB×HUB)2"

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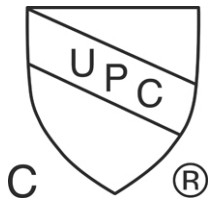
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Model Number	Description
CPRLN400-020	SANITARY TEE(HUB×HUB×HUB)2"
CPRLN400-030	SANITARY TEE(HUB×HUB×HUB)3"
CPRLN400-040L	SANITARY TEE(HUB×HUB×HUB)4"
CPRLN400-040	SANITARY TEE(HUB×HUB×HUB)4"
CPRLN400-060	SANITARY TEE(HUB×HUB×HUB)6"
CPRLN401-222	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/4 x 1-1/4"
CPRLN401-212	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/2 x 1-1/4"
CPRLN401-225	REDUCING SANITARY TEE(HUB×HUB×HUB) 1-1/2 x 1-1/4 x 1-1/2"
CPRLN401-241L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×1-1/2"
CPRLN401-241	SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×1-1/2"
CPRLN401-251L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×2×1-1/2"
CPRLN401-251	SANITARY TEE(HUB×HUB×HUB) 2×2×1-1/2"
CPRLN401-257L	REDUCING SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×2"
CPRLN401-257	SANITARY TEE(HUB×HUB×HUB) 2×1-1/2×2"
CPRLN401-337	REDUCING SANITARY TEE(HUB×HUB×HUB) 3×3×1-1/2" SANITARY TEE(HUB×HUB×HUB)3×3×1-1/2"
CPRLN401-338L	REDUCING SANITARY TEE(HUB×HUB×HUB) 3×3×2"
CPRLN401-338	SANITARY TEE(HUB×HUB×HUB) 3×3×2"
CPRLN401-419	REDUCING SANITARY TEE(HUB×HUB×HUB) 4 x 4 x 1-1/2"
CPRLN401-420	REDUCING SANITARY TEE(HUB×HUB×HUB) 4×4×2" SANITARY TEE(HUB×HUB×HUB) 4×4×2"
CPRLN401-422	REDUCING SANITARY TEE(HUB×HUB×HUB) 4×4×3" SANITARY TEE(HUB×HUB×HUB) 4×4×3"
CPRLN401-532	REDUCING SANITARY TEE(HUB×HUB×HUB) 6 x 6 x 4"
CPRLN403-015	STREET SANITARY TEE(SPG×HUB×HUB) 1-1/2"
CPRLN403-020	STREET SANITARY TEE(SPG×HUB×HUB) 2"
CPRLN403-030	STREET SANITARY TEE(SPG×HUB×HUB) 3"
CPRLN403-040	STREET SANITARY TEE(SPG×HUB×HUB) 4"
CPRLN404-241	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×1-1/2×1-1/2"
CPRLN404-251	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×2×1-1/2"
CPRLN404-257	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 2×1-1/2×2"
CPRLN404-337	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 3×3×1-1/2" STREET SANITARY TEE (SPG×HUB×HUB) 3×3×1-1/2"

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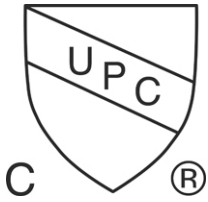
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Model Number	Description
*CPRLN404-338	REDUCING STREET SANITARY TEE(SPG×HUB×HUB) 3 x 3 x 2"
*CPRLN416-337	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2"
*CPRLN416-338	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x3 x 2"
*CPRLN416-329	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 3 x 3 x 2 x 2"
*CPRLN416-420	SANITARY TEE W /LEFT SIDE INLET(ALL HUB) 4 x 4 x 4 x 2"
*CPRLN417-337	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2"
*CPRLN417-338	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x3x 2"
*CPRLN417-329	SANITARY TEE W/RIGHT SIDE INLET(ALL HUB) 3 x 3 x 2 x 2"
*CPRLN417-420	SANITARY TEE W /RIGHT SIDE INLET(ALL HUB) 4 x 4 x 4 x 2"
*CPRLN418-337	SANITARY TEE W/R& L SIDE INLET(ALL HUB) 3 x 3 x 3 x 1-1/2 x 1-1/2"
*CPRLN418-338	SANITARY TEE W/R& L SIDE INLET(ALL HUB) 3 x 3 x 3 x 2 x 2"
*CPRLN418-420	SANITARY TEE W/R& L SIDE INLET(ALL HUB) 4"x4"x4"x2"x2"
CPRLN428-015	DOUBLE SANITARY TEE(ALL HUB)1-1/2"
CPRLN428-020	DOUBLE SANITARY TEE(ALL HUB)2"
CPRLN428-030	DOUBLE SANITARY TEE(ALL HUB)3"
CPRLN428-040	DOUBLE SANITARY TEE(ALL HUB)4"
CPRLN429-251	REDUCING DOUBLE SANITARY TEE(ALL HUB) 2×2×1-1/2×1-1/2"DOUBLE SANITARY TEE (ALL HUB)2×2×1-1/2×1-1/2"
CPRLN429-337	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3×3×1-1/2×1-1/2" DOUBLE SANITARY TEE (ALL HUB)3×3×1-1/2×1-1/2"
CPRLN429-338	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3 x 3 x 2 x 2"
CPRLN429-420	REDUCING DOUBLE SANITARY TEE(ALL HUB) 4 x 4 x 2 x 2"
CPRLN429-422	REDUCING DOUBLE SANITARY TEE(ALL HUB) 4 x 4 x 3 x 3"
CPRLN429-323	REDUCING DOUBLE SANITARY TEE(ALL HUB) 3 x 3 x 2 x 1-1/2"
*CPRLN438-337	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)3 x 3 x 3 x 3 x1-1/ 2"
*CPRLN438-338	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)3 x 3 x 3 x 3 x 2"
*CPRLN438-420	DOUBLE SANITARY TEE W /SIDE INLET(ALL HUB)4 x 4x 4 x 4 x 2"
*CPRLN439-338	DOUBLE SANITARY TEE W / R & L SIDE INLET(ALL HUB3 x 3 x 3 x 3 x 2 x 2"
CPRLN441-015	VENT TEE(HUB×HUB×HUB)1-1/2"
CPRLN441-020	VENT TEE(HUB×HUB×HUB)2"
CPRLN441-030	VENT TEE(HUB×HUB×HUB)3"

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Model Number	Description
CPRLN441-040	VENT TEE(HUB×HUB×HUB)4
CPRLN441-337	VENT TEE(HUB×HUB×HUB)3"×3"×1-1/2"
CPRLN441-338	VENT TEE(HUB×HUB×HUB)3"×3"×2"
CPRLN444X-427	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 4×3×4" TEST TEE (HUB×HUB×CLEANOUT)4×3×4"
CPRLN444X-015L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 1-1/2"
CPRLN444X-015	TEST TEE (HUB×HUB×CLEANOUT)1-1/2"
CPRLN444X-020L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 2"
CPRLN444X-020	TEST TEE (HUB×HUB×CLEANOUT)2"
CPRLN444X-030L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 3"
CPRLN444X-030	TEST TEE (HUB×HUB×CLEANOUT)3"
CPRLN444X-040L	TEST TEE(HUB×HUB×CLEANOUT W/PLUG) 4"
CPRLN444X-040	TEST TEE (HUB×HUB×CLEANOUT)4"
CPRLN448-030	TWO-WAY CLEANOUT(HUB×HUB×HUB)3"
CPRLN448-040	TWO-WAY CLEANOUT(HUB×HUB×HUB)4"
CPRLN500-020	DOUBLE FIXTURE FITTING(ALL HUB)2"
CPRLN500-030	DOUBLE FIXTURE FITTING(ALL HUB)3"
CPRLN500-241	DOUBLE FIXTURE FITTING(ALL HUB)2 x 1-1/2 x 1-1/2 x 1-1/2"
CPRLN500-257	DOUBLE FIXTURE FITTING(ALL HUB)2 x 1-1/2 x 2 x 2"
CPRLN500-338	DOUBLE FIXTURE FITTING(ALL HUB)3 x 2 x 3 x 3"
CPRLN501-015	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 1-1/2"
CPRLN501-020	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 2"
CPRLN501-030	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 3"
CPRLN501-040	COMBINATION WYE & 1/8 BEND (ONE PC)(HUB×HUB×HUB) 4"
CPRLN502-241	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 1-1/2 x 1-1/2"
CPRLN502-251	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 2 x 1-1/2"
CPRLN502-257	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)2 x 1-1/2 x 2"
CPRLN502-337	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)3 x 3 x 1-1/2"
CPRLN502-338	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)3 x 3 x 2"
CPRLN502-420	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)4 x 4 x 2"

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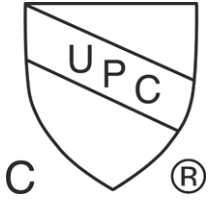
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Model Number	Description
CPRLN502-422	REDUCING COMBINATION WYE & 1/8 BEND(ONE PC)(HUB×HUB×HUB)4 x 4 x 3"
CPRLN503-020	COMBINATION WYE & 1/8 BEND (TWO PC)(HUB×HUB×HUB) 2"
CPRLN600-012	45 deg. WYE (HUB×HUB×HUB) 1-1/4"
CPRLN600-015L	45 deg. WYE(HUB×HUB×HUB) 1-1/2"
CPRLN600-015	45 deg. WYE(HUB×HUB×HUB) 1-1/2"
CPRLN600-020L	45 deg. WYE(HUB×HUB×HUB) 2"
CPRLN600-020	45 deg.WYE(HUB×HUB×HUB) 2"
CPRLN600-030L	45 deg. WYE(HUB×HUB×HUB) 3"
CPRLN600-030	45 deg. WYE(HUB×HUB×HUB) 3"
CPRLN600-040L	45 deg. WYE(HUB×HUB×HUB) 4"
CPRLN600-040	45 deg. WYE(HUB×HUB×HUB) 4"
CPRLN600-060	45 deg. WYE(HUB×HUB×HUB) 6"
CPRLN601-241	45 deg. REDUCING WYE (HUB×HUB×HUB)2×1-1/2×1-1/2" 45 deg. WYE(HUB×HUB×HUB)
CPRLN601-251L	45 deg. REDUCING WYE(HUB×HUB×HUB) 2×2×1-1/2"
CPRLN601-251	45 deg. WYE (HUB×HUB×HUB) 2×2×1-1/2"
CPRLN601-337L	45 deg. REDUCING WYE(HUB×HUB×HUB) 3×3×1-1/2"
CPRLN601-337	45 deg. WYE (HUB×HUB×HUB) 3×3×1-1/2"
CPRLN601-338L	45 deg. REDUCING WYE(HUB×HUB×HUB)3×3×2"
CPRLN601-338	45 deg. WYE (HUB×HUB×HUB) 3×3×2"
CPRLN601-419	45 deg. REDUCING WYE (HUB×HUB×HUB) 4 x 4 x 1-1/2"
CPRLN601-420L	45 deg. REDUCING WYE(HUB×HUB×HUB) 4×4×2"
CPRLN601-420	45 deg. WYE (HUB×HUB×HUB) 4×4×2"
CPRLN601-422L	45 deg. REDUCING WYE(HUB×HUB×HUB) 4×4×3"
CPRLN601-422	45 deg. WYE (HUB×HUB×HUB) 4×4×3"
CPRLN601-530	45 deg. REDUCING WYE (HUB×HUB×HUB) 6 x 6 x 3"
CPRLN601-532	45 deg. REDUCING WYE (HUB×HUB×HUB) 6×6×4" 45 deg. WYE (HUB×HUB×HUB)
CPRLN601-209	
CPRLN601-210	
CPRLN610-015	

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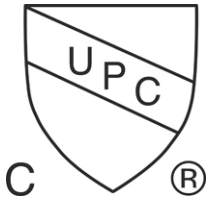
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Model Number	Description
CPRLN602-015	45 deg. STREET WYE (SPG×HUB×HUB)1 1/2"
CPRLN602-020	45 deg. STREET WYE (SPG×HUB×HUB)2"
CPRLN602-030	45 deg. STREET WYE(SPG×HUB×HUB)3"
CPRLN602-040	45 deg. STREET WYE (SPG×HUB×HUB)4"
CPRLN603-337	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)3 x 3 x 1-1/2"
CPRLN603-338	45 deg. REDUCING STREET WYE(SPG×HUB×HUB)3 x 3 x 2"
CPRLN603-422	45 deg. REDUCING STREET WYE(SPG×HUB×HUB) 4 x 4 x 3"
CPRLN611-015	45 deg. DOUBLE WYE(ALL HUB)1-1/2"
CPRLN611-020	45 deg. DOUBLE WYE(ALL HUB)2"
CPRLN611-030L	45 deg. DOUBLE WYE(ALL HUB)3"
CPRLN611-030	45 deg. DOUBLE WYE(ALL HUB)3"
CPRLN611-040	45 deg. DOUBLE WYE(ALL HUB)4"
CPRLN612-251	45 deg. REDUCING DOUBLE WYE(ALL HUB)2 x 2 x 1-1/2 x 1-1/2"
CPRLN612-337	45 deg. REDUCING DOUBLE WYE(ALL HUB)3 x 3 x 1-1/2 x 1-1/2"
CPRLN612-338	45 deg. REDUCING DOUBLE WYE(ALL HUB)3×3×2×2"
CPRLN612-420	45 deg. REDUCING DOUBLE WYE(ALL HUB)4 x 4 x 2 x 2"
CPRLN612-422	45 deg. REDUCING DOUBLE WYE(ALL HUB)4 x 4 x 3 x 3"
CPRLN612-532	45 deg. REDUCING DOUBLE WYE(ALL HUB)6 x 6 x 4 x 4"
CPRLN604-015	CLEANOUT WYE (HUB×HUB×FIPT)1-1/2"
CPRLN700-015	RETURN BEND(HUB×HUB) 1-1/2"
CPRLN700-020	RETURN BEND(HUB×HUB) 2"
CPRLN700-030	RETURN BEND(HUB×HUB) 3"
CPRLN700-040	RETURN BEND(HUB×HUB) 4"
CPRLN701-015	RETURN BEND(HUB×HUB×CLEANOUT W/PLUG) 1-1/2"
CPRLN701-020	RETURN BEND(HUB×HUB×CLEANOUT W/PLUG) 2"
CPRLN706X-015	P-TRAP(HUB×HUB)1-1/2"
CPRLN706X-020	P-TRAP(HUB×HUB)2"
CPRLN706X-030	P-TRAP(HUB×HUB)3"
CPRLN706X-040	P-TRAP(HUB×HUB)4"

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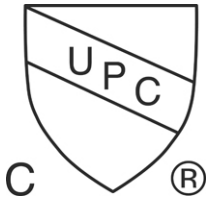
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Model Number	Description
CPRLN707X-015	P-TRAP W/PLUG(HUB×HUB×CLEANOUT W/PLUG) 1-1/2" P-TRAP (HUB×HUB×CLEANOUT)
CPRLN707X-020	P-TRAP W/PLUG(HUB×HUB×CLEANOUT W/PLUG)2" P-TRAP (HUB×HUB×CLEANOUT)
CPRLN708P-012	P-TRAP W/UNION JOINT(HUB×HUB)1-1/4"
CPRLN708P-015	P-TRAP W/UNION JOINT(HUB×HUB)1-1/2"
CPRLN708P-020	P-TRAP W/UNION JOINT(HUB×HUB)2"
CPRLN711M-015	LA PATTERN P-TRAP W/UNION&PLASTIC NUT(HUB×SJ)1-1/2"
CPRLN711M-212	LA PATTERN P-TRAP W/UNION&PLASTIC NUT(HUB×SJ) 1-1/2 x 1-1/4"
CPRLN712-015	P-TRAP W/UNION &C/O(HUB×HUB×C/O)1-1/2"
CPRLN800-040	CLOSET FLANGE (HUB) 4×4"
CPRLN800-422L	CLOSET FLANGE (HUB) 4×3"
CPRLN800-422	CLOSET FLANGE (HUB) 4×3"
CPRLN800T-040	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB)4 x 4"
CPRLN800T-422L	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB) 4 x 3"
CPRLN800T-422	CLOSET FLANGE W/KNOCKOUT TEST PLUG (HUB) 4 x 3"
CPRLN801-422	REDUCING CLOSET FLANGE (SPG) 4 x 3"
CPRLN810P-040	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(HUB)4 x 4"
CPRLN812P-040	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(SPG)4 x 4"
CPRLN812P-422	CLOSET FLANGE W/ADJUSTABLE PLASTIC RING(SPG)4 x 3"
CPRLN815-040	FLUSH CLOSET FLANGE (INSIDE 4",OUTSIDE 3") 4 x 4 / 4 x 3
CPRLN815K-040	CLOSET FLANGE W/KONCKOUT & PIPE STOP(HUB) 4 x 4 / 4 x 3
CPRLN815PS-040	CLOSET FLANGE W/ PIPE STOP(HUB)4 x 4/4 x 3
CPRLNH119-015	EXPANSION JOINT(HUB×HUB)1-1/2"
CPRLNH119-020	EXPANSION JOINT(HUB×HUB)2"
CPRLNH119-030	EXPANSION JOINT(HUB×HUB)3"
CPRLNH119-040	EXPANSION JOINT(HUB×HUB)4"
CPRLNH119S-030	EXPANSION JOINT(HUB×SPG)3"
CPRLN830-422	CLOSET FLANGE(FIPT)4 x 3
CPRLN831-422	CLOSET FLANGE(MIPT)4 x 3"
CPRLN702X-363	DRUM TRAP W/CLEANOUT3 x 6 x 1 1/2

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: GUANGDONG LIANSU TECHNOLOGY
INDUSTRIAL CO LTD

Effective Date: July 2024

File Number: 9266

Product: ABS-DWV Pipe and Fittings

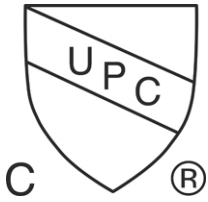
Void After: July 2029

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

Model Number	Description
CPRLN900-015	TRAY PLUG ADAPTER 1 1/2"
CPRLN103-020	TRAP ADAPTER (SPGX SJ) 2"
CPRLN126-030	UNION (HUB x HUB) 3"
CPRLN126-040	UNION (HUB x HUB) 4"
CPRLN330X-422	90 deg. REDUCING CLOSET STREET ELBOW W/ TEST CAP (HUB x SPG) 4 x 3"
CPRLN330-422	90 deg. REDUCING CLOSET STREET ELBOW (HUB x SPG) 4 x 3"
CPRLN445-015	TEST TEE (HUB x HUB x FIPT) 1 - 1/2"
CPRLN445-015L	TEST TEE (HUB x HUB x FIPT) 1 - 1/2"
CPRLN445-020	TEST TEE (HUB x HUB x FIPT) 2"
CPRLN445-020L	TEST TEE (HUB x HUB x FIPT) 2"
CPRLN445-030	TEST TEE (HUB x HUB x FIPT) 3"
CPRLN445-030L	TEST TEE (HUB x HUB x FIPT) 3"
CPRLN445-040	TEST TEE (HUB x HUB x FIPT) 4"
CPRLN445-040L	TEST TEE (HUB x HUB x FIPT) 4"
CPRLN445-427	TEST TEE (HUB x HUB x FIPT) 4 x 3 x 4"
CPRLN603-251	45 deg. REDUCING STREET WYE (SPG x HUB x HUB) 2 x 2 x 1 - 1/2"
CPRLN603-420	45 deg. REDUCING STREET WYE (SPG x HUB x HUB) 4 x 4 x 2"
CPRLN800R-040	CLOSET FLANGE W/ RING-PULL TEST PLUG (HUB) 4 x 4"
CPRLN800R-422L	CLOSET FLANGE W/ RING-PULL TEST PLUG (HUB) 4 x 3"
CPRLN800R-422	CLOSET FLANGE W/ RING-PULL TEST PLUG (HUB) 4 x 3"
CPRLN800T-040C	CLOSET FLANGE W/ THREADED TEST PLUG (HUB) 4 x 4"
CPRLN800T-422CL	CLOSET FLANGE W/ THREADED TEST PLUG (HUB) 4 x 3"
CPRLN800T-422C	ABS CLOSET FLANGE W/ THREADED TEST PLUG (HUB) 4 x 3"
CPRLN110-020	FLUSH C.O. LUG (MPT) 2"
CPRLN110-030	FLUSH C.O. LUG (MPT) 3"
CPRLN110-040	FLUSH C.O. LUG (MPT) 4"
CPRLN309-015	90° LONG SWEEP ELBOW, STREET (HUB x SPG) 1 - 1/2"
CPRLN309-020	90° LONG SWEEP ELBOW, STREET (HUB x SPG) 2"
CPRLN309-030	90° LONG SWEEP ELBOW, STREET (HUB x SPG) 3"

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Model Number	Description
CPRLN309-040	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 4"
RLN110-020	FLUSH C.O. LUG(MPT) 2"
RLN110-030	FLUSH C.O. LUG(MPT) 3"
RLN110-040	FLUSH C.O. LUG(MPT) 4"
RLN309-015	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 1-1/2"
RLN309-020	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 2"
RLN309-030	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 3"
RLN309-040	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 4"
LN110-020	FLUSH C.O. LUG(MPT) 2"
LN110-030	FLUSH C.O. LUG(MPT) 3"
LN110-040	FLUSH C.O. LUG(MPT) 4"
LN309-015	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 1-1/2"
LN309-020	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 2"
LN309-030	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 3"
LN309-040	90° LONG SWEEP ELBOW, STREET(HUB×SPG) 4"