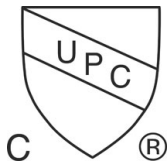


IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761 • Phone (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



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:

GENOVA USA

1760 W. ASSOCIATED AVE. SALT LAKE CITY, UT 84104 , United States

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
NSF/ANSI 14-2023**

File Number: 1909

Effective Date: January 2024

Void After: January 2029*


Chairman, Product Certification Committee



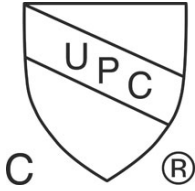

Chief Technical Service Officer

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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.

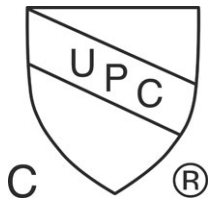
Characteristics:

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

ABS-DWV Pipe

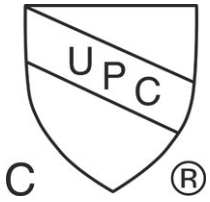
Model Number
1-1/2"
2"
3"
4"
6"

Fittings

Model Number	Description	Part Number
1 1/2"	Cap Tool	29770
1 1/2"	Coupling	29330
1-1/2"	1/4 Bend	28760
1-1/2"	1/4 Bend Street Ell	28800
1-1/2"	Long Sweep 1/4 Bend	28710
1-1/2"	Long Sweep 1/4 Bend Street Ell	30600
1-1/2"	1/8 Bend	28850
1-1/2"	1/8 Bend Street Ell	28900
1-1/2"	1/16 Bend	28990
1-1/2"	1/16 Bend Street Ell	29840
2"	Cap Tool	29780
2"	Coupling	29340
2"	1/4 Bend	28770
2"	1/4 Bend Street Ell	28810
2"	Long Sweep 1/4 Bend	28720
2"	Long Sweep 1/4 Bend Street Ell	30610
2"	1/8 Bend	28860

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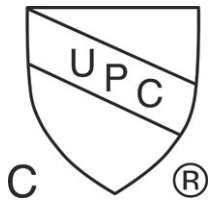
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Model Number	Description	Part Number
2"	1/8 Bend Street Ell	28910
2"	1/16 Bend	29000
2"	1/16 Bend Street Ell	29850
2" x 1 1/2"	Flush Bushing	29130
3"	Clean out Plug	29410
3"	Coupling	29350
3"	Socket Cap	29790
3"	WYE	28240
3"	WYE Street Ell	33690
3"	1/4 Bend	28780
3"	1/4 Bend Street Ell	28820
3"	Long Sweep 1/4 Bend	28730
3"	Long Sweep 1/4 Bend Street Ell	30630
3"	1/8 Bend	28870
3"	1/8 Bend Street Ell	28920
3"	1/16 Bend	29010
3"	1/16 Bend Street Ell	29860
3" x 2"	Flush Bushing	29080
3" X 3" X 3"	WYE	28240
3" X 3" X 3"	WYE Street Ell	33690
4"	Cap Tool	
4"	Coupling	
4"	22-1/2 Degree Elbow	
4"	22-1/2 Degree Elbow St Elbow	
4"	45 Degree Elbow	
4"	45 Degree Elbow Street Ell	
4"	90 Degree	
4"	90 Degree Ell	
4"	90 Degree Long Sweep 90	

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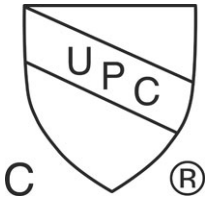
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Model Number	Description	Part Number
4"	90 Degree Long Sweep Street Ell	
4"	Closet Bend (Short) Street Reducing	
4"	Closet Bend (Long) Street Reducing	
4"	Comby WYE 1/8 Bend	
4"	Sanitary Tee	
4"	Sanitary Tee Street Ell	
4"	WYE	
4"	WYE Street Ell	
4"	Toilet Flange	
4"x2"	Pipe Increaser	
4"x3"	Pipe Increaser	
4" X 3"	Closet Flange	22540
4" X 3"	Closet Flange Hub End	29030
4" X 3"	Closet Flange Spigot End	29190
4" X 3"	Closet Flange W/knockout-Hub End	22530
4" x 3"	Flush Bushing	29090
6"	Coupling	31430

Model Number	Description
2877	2" ABS 1/4 BEND
2871	1-1/2" ABS LONG SWEEP 1/4 BEND
2872	2" ABS LONG SWEEP 1/4 BEND
2886	2" ABS 1/8 BEND
2899	1-1/2" ABS 1/16 BEND
2891	2" ABS 1/16 BEND
2983	4" ABS 1/16 BEND
2753	2" ABS SANITARY TEE
2822	1-1/2" ABS WYE
2823	2" ABS WYE

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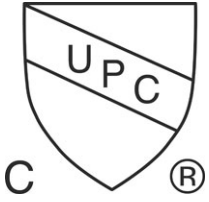
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Model Number	Description
2824	3" ABS WYE
2825	4" ABS WYE
2858	2" ABS COMBINATION WYE & 1/8 BEND; 1 PIECE
2758	2" x 2" x 1-1/2" ABS SANITARY TEE
2826	2" x 2" x 1-1/2" ABS WYE, REDUCING
2827	3" x 3" x 1-1/2" ABS WYE, REDUCING
2828	3" x 3" x 2" ABS WYE, REDUCING
2829	4" x 4" x 2" ABS WYE, REDUCING
3414	2" CLEANOUT TEE
3084	1-1/2" ABS VENT ELL
3085	2" ABS VENT ELL
2906	2" x 1-1/2" ABS FLUSH BUSHING STYLE 3
2907	3" x 1-1/2" ABS FLUSH BUSHING STYLE 3
2908	3" x 2" ABS FLUSH BUSHING STYLE 3
2910	4" x 2" ABS FLUSH BUSHING STYLE 3
2909	4" x 3" ABS FLUSH BUSHING STYLE 3
2933	1-1/2" ABS COUPLING
2934	2" ABS COUPLING
2935	3" ABS COUPLING
2936	4" ABS COUPLING
3143	6" ABS COUPLING
2927	1-1/2" MALE ADAPTER, SOCKET X MPT
2928	2" MALE ADAPTER, SOCKET X MPT
2929	3" MALE ADAPTER, SOCKET X MPT
2930	4" MALE ADAPTER, SOCKET X MPT

Model Number	Description
2948	2" x 1-1/2" ABS PIPE INCREASER/REDUCER
2949	3" x 1-1/2" ABS PIPE INCREASER/REDUCER

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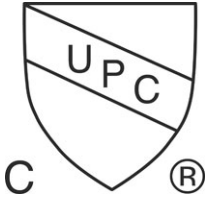
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Model Number	Description
2950	3" x 2" ABS PIPE INCREASER/REDUCER
2951	4" x 2" ABS PIPE INCREASER/REDUCER
2952	4" x 3" ABS PIPE INCREASER/REDUCER
2866	1-1/2" FEMALE TRAP AFTER, SOCKET X PMT
2938	1-1/2" ABS CLEANOUT PLUG
2939	2" ABS CLEANOUT PLUG
2940	2-1/2" ABS CLEANOUT PLUG
2941	3" ABS CLEANOUT PLUG
2943	3-1/2" ABS CLEANOUT PLUG
2942	4" ABS CLEANOUT PLUG
3093	3" x 4" ABS CLOSET BEND REDUCING
2891	2" ABS 1/8 BEND, SOCKET X SPIGOT
2977	1-1/2" ABS SOCKET CAP
2978	2" ABS SOCKET CAP
2979	3" ABS SOCKET CAP
2980	4" ABS SOCKET CAP
3051C	1-1/2" COUNTERSUNK PLUG
3052C	2" COUNTERSUNK PLUG
3055C	2-1/2" COUNTERSUNK PLUG
3053C	3" COUNTERSUNK PLUG
3056C	3-1/2" COUNTERSUNK PLUG
3054C	4" COUNTERSUNK PLUG
2876	1-1/2" ABS 1/4 BEND
2878	3" ABS 1/4 BEND
2873	3" ABS LONG SWEEP 1/4 BEND
2885	1-1/2" ABS 1/8 BEND
2887	3" ABS 1/8 BEND
2888	4" ABS 1/8 BEND
3132	6" ABS 1/8 BEND

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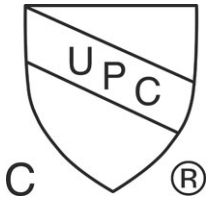
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Model Number	Description
2901	3" ABS 1/16 BEND
2988	6" ABS 1/16 BEND
2752	1-1/2" ABS SANITARY TEE
2755	4" ABS SANITARY TEE
3135	6" ABS WYE
2761	2" x 1-1/2" x 1-1/2" ABS SANITARY TEE, REDUCING

Model Number	Description
2760	2" x 1-1/2" x 2" ABS SANITARY TEE, REDUCING
2763	3" x 3" x 2" ABS SANITARY TEE, REDUCING
2866	1-1/2" ABS FEMALE ADAPTER; H X FPT
2864	2" ABS FEMALE ADAPTER; H X FPT
2869	3" ABS FEMALE ADAPTER; H X FPT
3396	4" ABS FEMALE ADAPTER; H X FPT
2214	1-1/2" ABS P-TRAP w/SOLVENT WELD JOINT
2215	1-1/2" ABS P-TRAP w/UNION
2880	1-1/2" ABS 1/4 BEND, SOCKET X SPIGOT
2881	2" ABS 1/4 BEND, SOCKET X SPIGOT
2890	1-1/2" ABS 1/8 BEND, SOCKET X SPIGOT
2892	3" ABS 1/8 BEND, SOCKET X SPIGOT
2893	4" ABS 1/8 BEND, SOCKET X SPIGOT
2985	2" ABS 1/16 BEND, SOCKET X SPIGOT
2986	3" ABS 1/16 BEND, SOCKET X SPIGOT
2987	4" ABS 1/16 BEND, SOCKET X SPIGOT
2879	4" ABS 1/4 BEND
2882	3" ABS 1/4 BEND, STREET; SP X H
2883	4" ABS 1/4 BEND, STREET; SP X H
2874	4" ABS LONG SWEEP 1/4 BEND
2987	4" ABS 1/16 BEND STREET; SP X H

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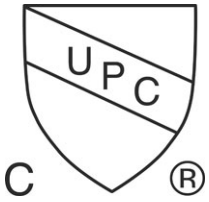
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Model Number	Description
2754	3" ABS SANITARY TEE
2830	4" x 4" x 3" ABS WYE, 1/8 BEND, REDUCING
2228	4" x 3" ABS CLOSET FLANGE, SPIGOT
2227	4" x 3" ABS CLOSET FLANGE, HUB
2226	4" x 4" ABS CLOSET FLANGE, SPIGOT
2229	4" x 4" ABS CLOSET FLANGE, HUB
3086	3" ABS VENT ELL
2819	3" x 3" x 2" x 1-1/2" ABS DOUBLE SANITARY TEE, REDUCING
3045	1-1/2" ABS DOUBLE 1/4 BEND
2847	2" x 2" x 1-1/2" x 1/2" ABS DOUBLE WYE, REDUCING
3060	1-1/2" ABS LONG SWEEP 1/4 BEND, STREET; SPXH
3047	3" ABS DOUBLE 1/4 BEND
3087	4" ABS VENT ELL
3046	2" ABS DOUBLE 1/4 BEND
3089	2" ABS VENT ELL, STREET; HXSP
3020	1-1/2" ABS 1/6 BEND; SPXH
3061	2" ABS LONG SWEEP 1/4 BEND, STREET; SPXH
2838	1-1/2" ABS DOUBLE WYE
3063	3" ABS LONG SWEEP 1/4 BEND, STREET; SPXH
2817	2" x 2" x 1-1/2" x 1-1/2" ABS DOUBLE SANITARY TEE, REDUCING
2818	3" x 3" x 1 1/2" x 1-1/2" ABS DOUBLE SANITARY TEE, REDUCING
3115	2" x 1-1/2" x 1-1/2" ABS SANITARY TEE, STREET, REDUCING; SPXHXH
3113	2" ABS SANITARY TEE, STREET; SPXHXH
3112	1-1/2" SANITARY TEE, STREET; SPXHXH
2965	1-1/2" ABS REPAIR COUPLING
3021	2" ABS 1/6 BEND, STREET; SPXH
3116	2" x 1-1/2" x 2" ABS SANITARY TEE, STREET, REDUCING; SPXHXH
2768	6" x 6" x 4" ABS SANITARY TEE, REDUCING
2889	6" ABS 1/4 BEND, STREET; SPXH

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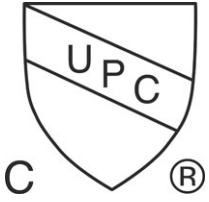
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Model Number	Description
3130	6" ABS 1/4 BEND
2841	4" ABS DOUBLE WYE
2230	3" ABS P-TRAP WI SOLVENT WELD JOINT
2984	1-1/2" ABS 1/16 BEND, STREET; SPXH
3022	3" ABS 1/6 BEND, STREET; SPXH
3042	3" x 3" x 2" ABS 1/4 BEND, WI LOW HEEL INLET
2897	3" ABS 1/6 BEND
3368	2" ABS WYE, STREET
3370	4" ABS WYE, STREET
3372	3" x 3" x 1-1/2" ABS WYE STREET RED
3374	4" x 4" x 2" ABS WYE STREET RED
3375	4" x 4" x 3" ABS WYE STREET RED
3403	1-1/2" ABS VENT TEE
3404	2" ABS VENT TEE
3405	3" ABS VENT TEE
3406	4" ABS VENT TEE
3413	1-1/2" FLUSH CLEANOUT TEE
3415	3" FLUSH CLEANOUT TEE
2831	2" x 1-1/2" x 1-1/2" ABS WYE RED
3137	6" x 6" x 4" ABS WYE RED
2840	3" ABS DOUBLE WYE
2843	3" x 3" x 1-1/2" x 1-1/2" ABS DOUBLE WYE RED
2844	3" x 3" x 2" x 2" ABS DOUBLE WYE RED
2846	4" x 4" x 3" x 3" ABS DOUBLE WYE RED
2853	3" ABS COMB WYE AND 1/8 BEND ONE PIECE
3367	1-1/2" ABS WYE, STREET
3384	1-1/2" x 1-1/4" ABS TRAP ADAPTER, MALE, W/ PLASTIC NUTWASHER; SPXSJ
2867	2" ABS FEMALE ADAPTER; HXFPT
2967	3" ABS REPAIR COUPLING

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Model Number	Description
2764	3" x 3" x 1-1/2" ABS SANITARY TEE, REDUCING
2968	4" ABS REPAIR COUPLING
3114	3" ABS SANITARY TEE, STREET; SPXHXH
3118	3" x 3" x 1-1/2" ABS SANITARY TEE, STREET, REDUCING; SPCHXH
2820	3" x 3" x 2 x 2" ABS DOUBLE SANITARY TEE, REDUCING
2839	2" ABS DOUBLE WYE
2821	4" x 4" x 3" x 3" ABS DOUBLE SANITARY TEE, REDUCING
2896	2" ABS 1/6 BEND
2895	1-1/2" ABS 1/6 BEND
3119	3" x 3" x 2" ABS SANITARY TEE, STREET, REDUCING; SPXHXH
2765	4" x 4" x 2" ABS SANITARY TEE, REDUCING
2766	4" x 4" x 3" ABS SANITARY TEE, REDUCING
3373	3" x 3" x 2" ABS WYE, STREET REDUCING; SPXHXH
2982	4" ABS 1/6 BEND
2900	2" ABS A324; 1/16 BEND; HXH
3133	6" ABS A323; 1/8 BEND, STREET; SPXH
3023	4" ABS 1/6 BEND, STREET; SPXH
3416	4" ABS FLUSH CLEANOUT TEE
2231	4" ABS P- TRAP WI SOLVENT WELD JOINT