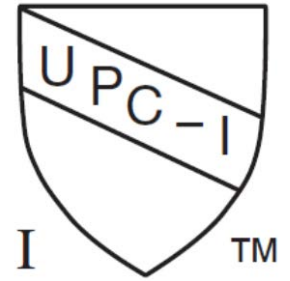


IAPMO Plumbing Codes and Standards India Pvt. Ltd.

No.43, 4th Floor, PMR Tower, Beratena Agrahara, Near Hosa Road junction, Bangalore, Karnataka 560100



CERTIFICATE OF LISTING

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Licensee: ASHIRVAD PIPES PVT. LTD, 4-B, ATTIBELE INDUSTRIAL AREA, HOSUR ROAD, BANGALORE, KARNATAKA 562107 INDIA

File No: IN-1036

Product: UPVC Sch 80 Pipe Fittings

Effective Date: April 2019

Void After: April 2020

IDENTIFICATION:

Fittings shall be marked with the manufacturer's name or trademark, material designation (UPVC I for UPVC 12454-B, UPVC 12 for UPVC 12454-C, UPVC 13 for UPVC 13354-C and 11443-B, and UPVC II for PVC 14333-D), size, "D 2467" the seal/mark of the laboratory that made evaluation for potable water applications, and the **UPC-I™ certification mark**. Markings/symbols shall be molded, hot-stamped, or applied by any other equivalent method, such as indelible printing.

Note: Where the size of the fitting does not allow complete marking, omit identification marking in the following sequence: size, material designation, manufacturer's name or trademark. Where recessed marking is used, care shall be taken to see that in no case marking causes cracks or reduces the wall thickness below the minimum specified.

CHARACTERISTICS:

UPVC Schedule 80 socket and threaded type fittings manufactured in compliance to ASTM D 2467-2015 and to NSF/ANSI 14-2016a. To be installed in accordance with the latest edition of the Uniform Illustrated Plumbing Code - India. To be used with IAPMO certified 1) UPVC water pipe and tubing, 2) UPVC primers and 3) solvent cements.

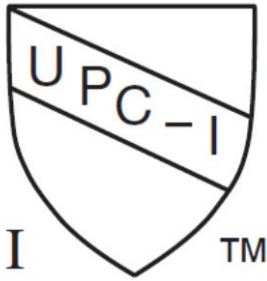
Products listed on this certificate have been tested by an IAPMO India recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Dr. K. Chandrasekhar
IAPMO India

GP Russ Chaney
CEO, The IAPMO Group

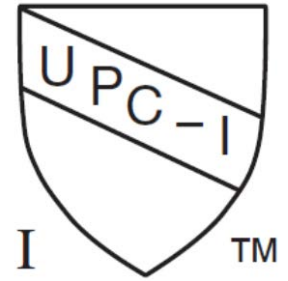


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File No: IN-1036

Product: UPVC Sch 80 Pipe Fittings

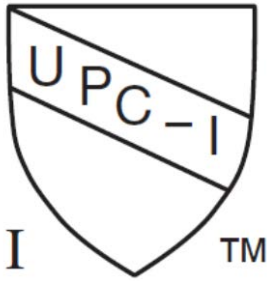
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UPVC Sch 80 Pipe Fitting Models:

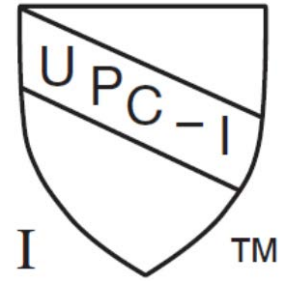
Part Code	Description	Size	Part Code	Description	Size
2233601	Tank Nipple	1/2"	2234605	Reducer coupler	11/4"X3/4"
2233602	Tank Nipple	3/4"	2234606	Reducer coupler	11/4"X1"
2233603	Tank Nipple	1"	2234607	Reducer coupler	11/2"X1/2"
2233604	Tank Nipple	11/4"	2234608	Reducer coupler	11/2"X3/4"
2233605	Tank Nipple	11/2"	2234609	Reducer coupler	11/2"X1"
2233606	Tank Nipple	2"	2234610	Reducer coupler	11/2"X11/4"
2233607	Tank Nipple Connector	3/4"	2234611	Reducer coupler	2"X1/2"
2233608	Tank Nipple Connector	1"	2234612	Reducer coupler	2"X3/4"
2233609	Tank Nipple	21/2"	2234613	Reducer coupler	2"X1"
2233610	Tank Nipple	3"	2234614	Reducer coupler	2"X11/4"
2233611	Tank Nipple	4"	2234615	Reducer coupler	2"X11/2"
2233622	Tank Nipple Connector	11/4"	2234618	Reducer coupler	21/2"X2"
2233623	Tank Nipple Connector	11/2"	2234619	Reducer coupler	3"X21/2"
2233624	Tank Nipple Connector	2"	2234701	Coupler	1/2"
2234601	Reducer coupler	3/4"X1/2"	2234702	Coupler	3/4"
2234602	Reducer coupler	1"X1/2"	2234703	Coupler	1"
2234603	Reducer coupler	1"X3/4"	2234704	Coupler	11/4"
2234604	Reducer coupler	11/4"X1/2"	2234705	Coupler	11/2"

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File No: IN-1036

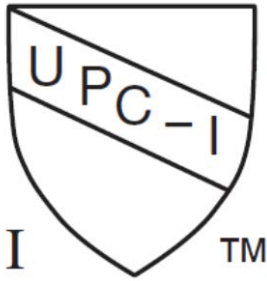
Product: UPVC Sch 80 Pipe Fittings

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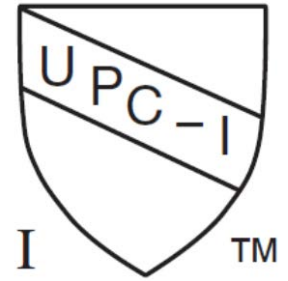
Part Code	Description	Size	Part Code	Description	Size
2234706	Coupler	2"	2234762	Reducing Bush	2"X3/4"
2234721	End Cap	1/2"	2234763	Reducing Bush	2" X 1"
2234722	End Cap	3/4"	2234764	Reducing Bush	2"X11/4"
2234723	End Cap	1"	2234765	Reducing Bush	2"X11/2"
2234724	End Cap	1 1/4"	2234904	Reducer Tee	3/4"X3/4"X1/2"
2234725	End Cap	1 1/2"	2234905	Reducer Tee	1"X1"X1/2"
2234726	End Cap	2"	2234906	Reducer Tee	1"X1"X3/4"
2234751	Reducing Bush	3/4"X1/2"	2234907	Reducer Tee	1 1/4"X1 1/4"X1/2"
2234752	Reducing Bush	1"X1/2"	2234908	Reducer Tee	1 1/4"X1 1/4"X3/4"
2234753	Reducing Bush	1"X3/4"	2234909	Reducer Tee	1 1/4"X1 1/4"X1"
2234754	Reducing Bush	1 1/4"X1/2"	2234910	Reducer Tee	1 1/2"X1 1/2"X1/2"
2234755	Reducing Bush	1 1/4"X3/4"	2234911	Reducer Tee	1 1/2"X1 1/2"X3/4"
2234756	Reducing Bush	1 1/4"X1"	2234912	Reducer Tee	1 1/2"X1 1/2"X1"
2234757	Reducing Bush	1 1/2"X1/2"	2234913	Reducer Tee	1 1/2"X1 1/2"X1 1/4"
2234758	Reducing Bush	1 1/2"X3/4"	2234914	Reducer Tee	2"X2"X1/2"
2234759	Reducing Bush	1 1/2"X1"	2234915	Reducer Tee	2"X2"X3/4"
2234760	Reducing Bush	1 1/2"X1 1/4"	2234916	Reducer Tee	2"X2"X1"
2234761	Reducing Bush	2"X1/2"	2234917	Reducer Tee	2"X2"X1 1/4"

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File No: IN-1036

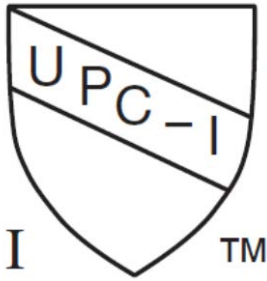
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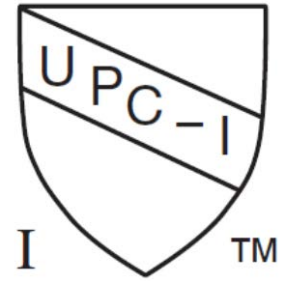
Part Code	Description	Size	Part Code	Description	Size
2234918	Reducer Tee	2"X2"X1 1/2"	2235703	Elbow	1"
2234921	Reducer Tee SCH-80	2 1/2"X2 1/2"X2"	2235704	Elbow	1 1/4"
2234922	Reducer Tee SCH-80	3"X3"X2 1/2"	2235705	Elbow	1 1/2"
2235301	MAPT	1/2"	2235706	Elbow	2"
2235302	MAPT	3/4"	2235707	Reducer Elbow	3/4"X1 1/2"
2235303	MAPT	1"	2235708	Reducer Elbow	1"X1 1/2"
2235304	MAPT	1 1/4"	2235709	Reducer Elbow	1"X3/4"
2235305	MAPT	1 1/2"	2235801	Elbow 45°	1/2"
2235306	MAPT	2"	2235802	Elbow 45°	3/4"
2235307	MAPT	3/4"x1 1/2"	2235803	Elbow 45°	1"
2235401	FAPT	1/2"	2235804	Elbow 45°	1 1/4"
2235402	FAPT	3/4"	2235805	Elbow 45°	1 1/2"
2235403	FAPT	1"	2235806	Elbow 45°	2"
2235404	FAPT	1 1/4"	2235901	Union	1/2"
2235405	FAPT	1 1/2"	2235902	Union	3/4"
2235406	FAPT	2"	2235903	Union	1"
2235701	Elbow	1/2"	2235904	Union	1 1/4"
2235702	Elbow	3/4"	2235905	Union	1 1/2"

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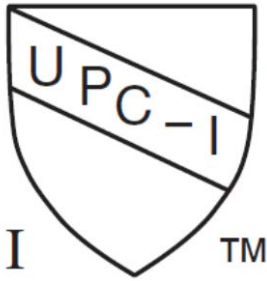
Product: UPVC Sch 80 Pipe Fittings

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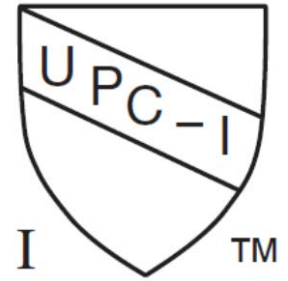
Part Code	Description	Size	Part Code	Description	Size
2235906	Union	2"	2238003	Elbow 45°	4"
2235907	Union	2 1/2"	2238101	Coupler	2 1/2"
2235908	Union	3"	2238102	Coupler	3"
2235909	Union	4"	2238103	Coupler	4"
2236001	Tee	1/2"	2238201	Elbow	2 1/2"
2236002	Tee	3/4"	2238202	Elbow	3"
2236003	Tee	1"	2238203	Elbow	4"
2236004	Tee	1 1/4"	2238301	Tee	2 1/2"
2236005	Tee	1 1/2"	2238302	Tee	3"
2236006	Tee	2"	2238303	Tee	4"
2236007	Cross Tee	1/2"	2238411	Reducing Bush	2 1/2" X 2"
2236008	Cross Tee	3/4"	2238412	Reducing Bush	3" X 2"
2236009	Cross Tee	1"	2238413	Reducing Bush	3" X 2 1/2"
2237101	Step over Bend	1/2"	2238414	Reducing Bush	4" X 2"
2237102	Step over Bend	3/4"	2238415	Reducing Bush	4" X 2 1/2"
2237103	Step over Bend	1"	2238416	Reducing Bush	4" X 3"
2238001	Elbow 45°	2 1/2"	2238417	Reducer Bushing	6" X 3"
2238002	Elbow 45°	3"	2238418	Reducer Bushing	6" X 4"

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File No: IN-1036

Product: UPVC Sch 80 Pipe Fittings

Effective Date: April 2019

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Part Code	Description	Size
2238701	End Cap	2 1/2"
2238702	End Cap	3"
2238703	End Cap	4"
2238714	End Cap	6"
2238801	MAPT	2 1/2"
2238802	MAPT	3"
2238803	MAPT	4"
2238901	FAPT	2 1/2"
2238902	FAPT	3"
2238903	FAPT	4"

Note: Above models not yet certified for potable water applications.

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