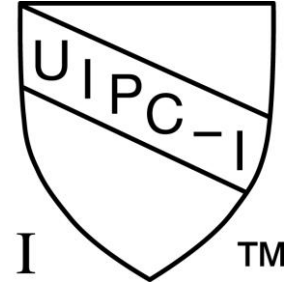




IAPMO India

No. 22, 12th "B" Main, HAL 2nd Stage, Indiranagar, Bengaluru, Karnataka, India 560008 +91 80 30714500



CERTIFICATE OF LISTING

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Licensee: ASTRAL POLY TECHNIK LIMITED, 207/1, ASTRAL HOUSE, B/H RAJPATH CLUB, OFF. S.G. HIGHWAY, AHMEDABAD, GUJARAT -380059 INDIA

File No: IN-1009

Product: CPVC Hot & Cold Water Pipe & Fittings

Effective Date: July 2016

Void After: July 2017

IDENTIFICATION:

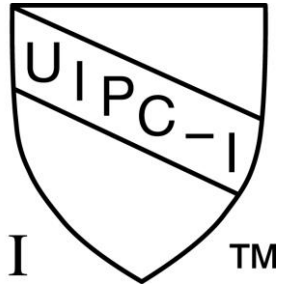
Pipe and tubing shall be permanently and legibly marked at length intervals of not more than 5 ft (1.5m) with manufacturer's name or trademark, production code, "ASTM D2846", material designation, pressure rating at 180°F (82°C), nominal size, Standard Dimensional Ratio (SDR 11), a code number identifying the compound, the date of manufacture, and the seal or mark of the laboratory making the evaluation for use in potable water applications, spaced at intervals specified by the laboratory.

Socket-type fittings shall be permanently and legibly marked with manufacturer's name or trademark, production code, "ASTM D2846", material designation, and the seal or mark of the laboratory making the evaluation for use in potable water applications, spaced at intervals specified by the laboratory.

Plastic-to-metal transition fittings shall be permanently and legibly marked with manufacturer's name or trademark, production code, "ASTM D2846", "CPVC", and the seal or mark of the laboratory making the evaluation for use in potable water applications, spaced at intervals specified by the laboratory.

All products shall bear the UIPC-I™ certification mark.

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File No: IN-1009

Product: CPVC Hot & Cold Water Pipe & Fittings

Effective Date: July 2016

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CHARACTERISTICS: Chlorinated polyvinyl chloride plastic hot and cold potable water distribution system components made in one standard dimension ratio and intended for water service up to and including 180°F (82°C). This system comprises pipe and fittings, and only listed tubing, socket-type fittings, street fittings, plastic-to-metal transition fittings, solvent cements, and adhesives. Products are manufactured in compliance with ASTM D2846-2014 and are to be installed in accordance with the manufacturer's instruction and the requirements of the latest edition of the Uniform Illustrated Plumbing Code - India.

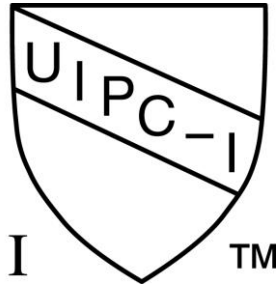
Products listed on this certificate have been tested by an IAPMO India recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Neeta Sharma
Managing Director

GP Russ Chaney
CEO, The IAPMO Group



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File No: IN-1009

Product: CPVC Hot & Cold Water Pipe & Fittings

Effective Date: July 2016

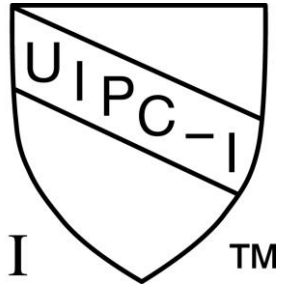
Void After: July 2017

MODELS:

PART NO.	DESCRIPTION
M51111XX03	(1") CPVC PRO PIPE CTS SDR 11
M51111XX05	(1-1/2") CPVC PRO PIPE CTS SDR 11
M51111XX04	(1-1/4") CPVC PRO PIPE CTS SDR 11
M51111XX01	(1/2") CPVC PRO PIPE CTS SDR 11
M51111XX06	(2") CPVC PRO PIPE CTS SDR 11
M51111XX02	(3/4") CPVC PRO PIPE CTS SDR 11
M512111914	(3/4"x1/2") CPVC PRO BUSH SDR 11
M512111915	(1"x1/2") CPVC PRO BUSH SDR 11
M512111916	(1"x3/4") CPVC PRO BUSH SDR 11
M512111917	(1-1/4"x1/2") CPVC PRO BUSH SDR 11
M512111918	(1-1/4"x3/4") CPVC PRO BUSH SDR 11
M512111919	(1-1/4"x1") CPVC PRO BUSH SDR 11
M512111920	(1-1/2"x1/2") CPVC PRO BUSH SDR 11
M512111921	(1-1/2"x3/4") CPVC PRO BUSH SDR 11
M512111922	(1-1/2"x1") CPVC PRO BUSH SDR 11
M512111923	(1-1/2"x1-1/4") CPVC PRO BUSH SDR 11
M512111924	(2"x1/2") CPVC PRO BUSH SDR 11
M512111925	(2"x3/4") CPVC PRO BUSH SDR 11
M512111926	(2"x1") CPVC PRO BUSH SDR 11
M512111927	(2"x1-1/4") CPVC PRO BUSH SDR 11
M512111928	(2"x1-1/2") CPVC PRO BUSH SDR 11
M512112601	1/2" CPVC PRO UNION

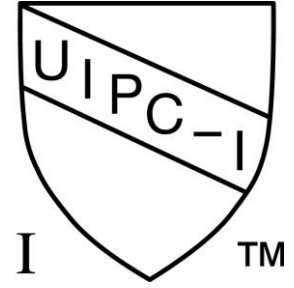
PART NO.	DESCRIPTION
M512112602	3/4" CPVC PRO UNION SDR 11
M512112603	1" CPVC PRO UNION SDR 11
M512112604	1-1/4" CPVC PRO UNION SDR 11
M512112605	1-1/2" CPVC PRO UNION SDR 11
M512112606	(2") CPVC PRO UNION SDR 11
M512114103	(1") CPVC PRO CAP SDR 11
M512114104	(1-1/4") CPVC PRO CAP SDR 11
M512114105	(1-1/2") CPVC PRO CAP SDR 11
M512114101	(1/2") CPVC PRO CAP SDR 11
M512114106	(2") CPVC PRO CAP SDR 11
M512114102	(3/4") CPVC PRO CAP SDR 11
M512111003	(1") CPVC PRO COUPLER SDR 11
M512111004	(1-1/4") CPVC PRO COUPLER SDR 11
M512111005	(1-1/2") CPVC PRO COUPLER SDR 11
M512111001	(1/2") CPVC PRO COUPLER SDR 11
M512111116	(1"x3/4") CPVC PRO COUPLER SDR 11
M512111006	(2") CPVC PRO COUPLER SDR 11
M512111002	(3/4") CPVC PRO COUPLER SDR 11
M512111114	(3/4"x1/2") CPVC PRO COUPLER SDR 11
M512111115	1" X 1/2" CPVC PRO COUPLER SDR11
M512111121	(1-1/2"x3/4") CPVC PRO COUPLER SDR 11
M512111122	(1-1/2"x1") CPVC PRO COUPLER SDR 11

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File No: IN-1009

Product: CPVC Hot & Cold Water Pipe & Fittings

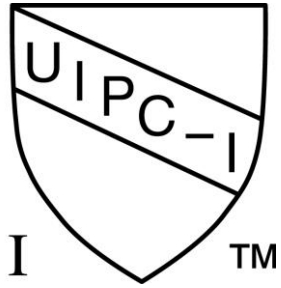
Effective Date: July 2016

Void After: July 2017

<u>PART NO.</u>	<u>DESCRIPTION</u>
M512111123	(1-1/2"x1-1/4") CPVC PRO COUPLER SDR 11
M512111124	(2"x1/2") CPVC PRO COUPLER SDR 11
M512111126	(2"x1") CPVC PRO COUPLER SDR 11
M512111127	(2"x1-1/4") CPVC PRO COUPLER SDR 11
M512110503	(1") CPVC PRO 90 DEG ELBOW
M512112303	(1") CPVC PRO 45 DEG ELBOW
M512110504	(1-1/4") CPVC PRO 90 DEG ELBOW
M512110505	(1-1/2") CPVC PRO 90 DEG ELBOW
M512110501	(1/2") CPVC PRO 90 DEG ELBOW
M512112301	(1/2") CPVC PRO 45 DEG ELBOW
M512112304	(1-1/4") CPVC PRO 45 DEG ELBOW
M512112305	(1-1/2") CPVC PRO 45 DEG ELBOW
M512110506	(2") CPVC PRO 90 DEG ELBOW
M512112306	(2") CPVC PRO 45 DEG ELBOW
M512110502	(3/4") CPVC PRO 90 DEG ELBOW
M512112302	(3/4") CPVC PRO 45 DEG ELBOW
M512110701	(1/2")CPVC PRO BRS FPT 90 ELBOW
M512110702	(3/4") CPVC PRO BRS FPT 90 ELBOW
M512110703	(1") CPVC PRO BRS FPT 90 ELBOW
M512110704	1-1/4" CPVC PRO BRASS FPT 90 DEG. ELBOW
M512110714	(3/4"x1/2") CPVC PRO BRS FPT 90 ELB
M512110715	(1"x1/2") CPVC PRO BRS FPT 90 ELB

<u>PART NO.</u>	<u>DESCRIPTION</u>
M512111401	(1/2") CPVC PRO M.A.B.T SDR 11
M512111402	(3/4") CPVC PRO M.A.B.T SDR 11
M512111403	(1") CPVC PRO M.A.B.T SDR 11
M512111404	(1-1/4") CPVC PRO M.A.B.T SDR 11
M512111405	(1-1/2") CPVC PRO M.A.B.T SDR 11
M512111406	(2") CPVC PRO M.A.B.T SDR 11
M512111303	(1") CPVC PRO M.A.P.T SDR 11
M512111603	(1") CPVC PRO F.A.P.T SDR 11
M512111703	(1") CPVC PRO F.A.B.T SDR 11
M512111304	(1-1/4") CPVC PRO M.A.P.T
M512111305	(1-1/2") CPVC PRO M.A.P.T.
M512111704	(1-1/4") CPVC PRO F.A.B.T SDR 11
M512111301	(1/2") CPVC PRO M.A.P.T SDR 11
M512111601	(1/2") CPVC PRO F.A.P.T SDR 11
M512111701	(1/2") CPVC PRO F.A.B.T SDR 11
M512111705	(1-1/2") CPVC PRO F.A.B.T SDR 11
M512111306	(2") CPVC PRO M.A.P.T
M512111606	(2") CPVC PRO F.A.P.T SDR 11
M512111706	(2") CPVC PRO F.A.B.T SDR 11
M512111604	(1-1/4") CPVC PRO F.A.P.T SDR 11
M512111605	(1-1/2") CPVC PRO F.A.P.T SDR 11
M512119901	1/2" CPVC PRO BRASS UNION FEMALE

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File No: IN-1009

Product: CPVC Hot & Cold Water Pipe & Fittings

Effective Date: July 2016

Void After: July 2017

<u>PART NO.</u>	<u>DESCRIPTION</u>
M512119801	1/2" CPVC PRO BRASS UNION MALE
M512111314	(3/4"x1/2") CPVC PRO M.A.P.T SDR 11
M512111514	(3/4"x1/2") CPVC PRO M.A.B.T SDR 11
M512111302	(3/4") CPVC PRO M.A.P.T SDR 11
M512111602	(3/4") CPVC PRO F.A.P.T SDR 11
M512111702	(3/4") CPVC PRO F.A.B.T SDR 11
M512110103	(1") CPVC PRO TEE SDR 11
M512110104	(1-1/4") CPVC PRO TEE SDR 11
M512110105	(1-1/2") CPVC PRO TEE SDR 11
M512110101	(1/2") CPVC PRO TEE SDR 11
M512110216	(1"x3/4") CPVC PRO TEE SDR 11
M512110222	(1-1/2"x1") CPVC PRO TEE SDR 11
M512110106	(2") CPVC PRO TEE SDR 11
M512110226	(2"x1") CPVC PRO TEE SDR 11

<u>PART NO.</u>	<u>DESCRIPTION</u>
M512110102	(3/4") CPVC PRO TEE SDR 11
M512110214	(3/4"x1/2") CPVC PRO TEE SDR 11
M512110215	(1"x1/2") CPVC PRO TEE SDR 11
M512110217	(1-1/4"x1/2") CPVC PRO TEE SDR 11
M512110219	(1-1/4"x1") CPVC PRO TEE SDR 11
M512110301	(1/2") CPVC PRO BRS FPT TEE SDR 11
M512110314	(3/4"x1/2") CPVC PRO BRS FPT TEE SDR 11
M512110302	(3/4") CPVC PRO BRS FPT TEE SDR 11
M512110315	(1"x1/2") CPVC PRO BRS FPT TEE SDR 11
M512110317	1-1/4" X 1/2" CPVC PRO BRASS FPT TEE
M512110304	1-1/4" CPVC PRO BRASS FPT TEE
M512110224	(2"x1/2") CPVC PRO TEE SDR 11
M512112401	(1/2") CPVC PRO CROSS SDR 11
M512112402	(3/4") CPVC PRO CROSS

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