

The world class plumbing system

ashirvad

since 1975

FLOWGUARD™

PIPE & FITTINGS

licensee of Lubrizol Inc. - USA

Ideal for Hot & Cold Water Supply

- Suitable for use upto 93° C.
- Operational Life of 50 years
- No Scaling, Pitting, Corrosion or Leakage
- Cost Saver
- Easy and Aesthetic Installation
- Proven across the World for over Five Decades
- Retards Bacterial Growth
- Tough and Reliable
- Fire Resistant
- No Electric Source Required for Installation
- Made from NSF listed CPVC compound (TempRite 88628 Tan 309 and Tan 311)

WARRANTY APPLICABLE ONLY IF ASHIRVAD FLOWGUARD CPVC CEMENT IS USED



Satisfaction For A Lifetime



National Award Winner



www.ashirvad.com

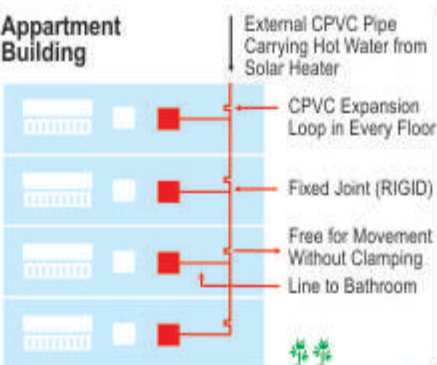
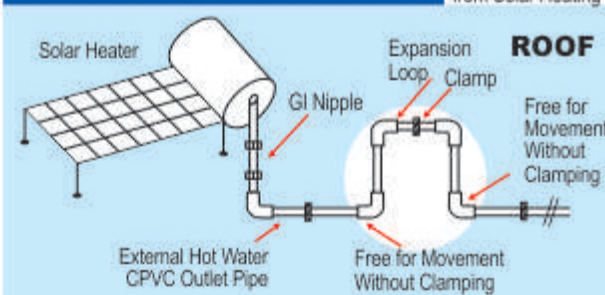
Ashirvad Pipes Pvt. Ltd. – Bangalore is the licensee of Lubrizol – USA, to manufacture and market Flowguard CPVC (chlorinated Polyvinyl Chloride) plumbing systems in India.

Ashirvad Pipes an ISO 9001-2008 enterprise with its manufacturing base in Bangalore, uses CPVC compound from Lubrizol and state of the art machinery and advanced technology to process the compound. Ashirvad Flowguard CPVC Pipes & Fittings assures the highest international quality standards.

Class of Pipe/Fitting	Standard	Sizes available
SDR 11 Pipe	IS 15778 ASTM D 2846	½" - 2"
SDR 13.5 Pipe	IS 15778 ASTM D 2846	½" - 2"
Sch. 40 Pipe	ASTM F 441	2½" - 4"
Sch. 80 Pipe	ASTM F 441	2½" - 4"
SDR 11 Fittings	ASTM D 2846	½" - 2"
Sch. 40 Fittings	ASTM F 438	2½" - 4"
Sch. 80 Fittings	ASTM F 439	2½" - 4"

	Operating Temperature	Operating Pressure
SDR 11	27°C	27.6 kg/cm ²
	82°C	6.8 kg/cm ²
SDR 13.5	27°C	21.8 kg/cm ²
	82°C	5.5 kg/cm ²

Correct Installation in Solar Water lines Carrying Hot Water from Solar Heating



Correct Installation in Solar Water Heater Lines
 Not recommended to directly connect CPVC pipes to the water heater outlet. One meter long metal nipple should be connected directly to the heater so that the CPVC pipe is not damaged by the buildup of excessive radiant heat from the flue.

Expansion Loop For CPVC pipes which are not embedded inside the wall but are carrying Hot Water from Boiler/Solar water heater, etc it is most important to use readymade expansion loop supplied by Ashirvad Pipes Pvt. Ltd. Use one Ashirvad expansion loop for every 12ft run of the pipe, between two fixed joints



National Sanitation Foundation
 Ashirvad Flowguard is made from NSF listed CPVC compound (TempRite 88628 Tan 309 and Tan 311). National Sanitation Foundation is an independent non-government body in USA for water purity standards and certifies the piping system to be used for potable drinking water application.

For 100% Pure & Safe Drinking Water

Approvals of CPVC Pipes & Fittings Across The Globe By Several Health And Standards Associations

NSF National Sanitation Foundation	USA	
DVGW Deutscher Verein des Gas- und Wasserfaches	Germany	
WRAS Water Regulations Advisory Scheme	United Kingdom	
CSTB Centre scientifique et technique du batiment	France	
Kiwa	Netherland	
TSE Turkish Standard Institution	Turkey	
CSA Canadian Standard Association	Canada	
BIS Bureau of Indian Standards	India	



ASHIRVAD FLOWGUARD™ CPVC Pipes are joined to fittings with the help of Ashirvad CPVC solvent cement which is one step fast setting solvent cement. The bonding takes place due to chemical fusion of the mating surfaces.

Ashirvad Solvent Cement eliminates the use of primer unlike other conventional plastic piping systems. This solvent cement also eliminates the need of electric / heat source for joining.

Ashirvad CPVC Pipes and Fittings have excellent chemical resistance and can withstand salty and aggressive water condition with variations in PH value of water flowing through it. This eliminates both electrolytic and galvanic corrosion, leading to water purity over entire life span of the CPVC Piping Systems.

WARRANTY ON ASHIRVAD PRODUCTS NOT APPLICABLE IN CASE OF USE IN COMBINATION WITH ANY OTHER BRAND / MAKE OF PIPES & FITTINGS

Installation

Water Purity

FlowGuard™
 PIPE & FITTINGS
 licensee of Lubrizol Inc. - USA

ashirvad
 since 1975

Lubrizol

www.ashirvad.com

For your suggestions / Inputs : customer@ashirvad.com

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