



Suitable for

**Hot & Cold**

Water Application



**LEXGUARD™**

CPVC PIPE & FITTINGS

AN ISO 9001 : 2008 CERTIFIED COMPANY

**The Soul Of Plumbing**

## Why Lexguard CPVC ?

Laxguard CPVC plumbing system is an attractive alternative to conventional plumbing system made of G.I. and copper pipes. These pipes and fittings are produced from a specialty blend of chlorinated polyvinyl chloride (CPVC) material with unique physical properties desirable for hot and cold water applications. Laxguard CPVC pipes and fittings are manufactured in size ½" to 2" copper tube size.

Laxguard expertise in PVC processing helps produce highest quality CPVC pipes and fittings with latest technology and equipments for CPVC processing. Always, Laxguard provides unmatched combination of trust & quality to its customers.

Laxguard CPVC pipes & fittings are manufactured under strict quality surveillance.

Laxguard system is reliable, cost - effective and long lasting it is indeed, for the next generation.

## Products Specification

Pipe Standards	: As per ASTM D 2846 SDR-11, SDR-13.5
Fittings Standards	: As per ASTM D 2846 SDR-11
Material	: As per ASTM D 1784 CPVC Compound
Standard Length	: 3 Meters Pipes
Solvent Cement	: As per ASTM F 493 Heavy Duty
Colour	: Ivory
Pressure Class	: Pipes SDR-11 & SDR-13.5, Fittings SDR-11
Range	: Pipes & Fittings From 1/2" to 2"

## Applications

- Hot and cold potable water distribution in buildings of all types - residential (low rise & high rise), commercial complexes & institutes
- Corrosive fluid handling in industries
- Industrial Plating

Strong  
Light Weight  
Durable  
Economical







Cutting



Remove Burrs



Check the Pipe-Fitting



Apply Solvent Cement  
On Pipe



Apply Solvent Cement  
in Fitting

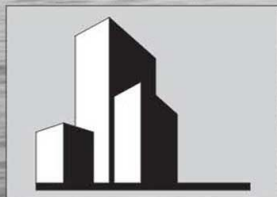


Set & Cure

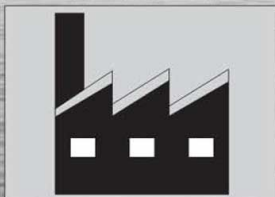
## The Complete Range of CPVC Pipes & Fittings



Residential



Industries



Hotels



Schools



Hospital



## Advantages

- Hot and Cold water distribution systems made from Laxguard CPVC pipes and fittings can withstand high temperatures
- Laxguard CPVC piping materials provide long, maintenance free service life due to corrosion resistance
- Laxguard CPVC pipes are available in two pressure classes SDR 11 and SDR 13.5
- Laxguard CPVC piping Systems can handle most of the temperature / pressure requirements of today's typical process plants
- CPVC materials do not support combustion, therefore they cannot burn without external fuel source
- Low Thermal expansion
- Laxguard CPVC pipes and fittings are easy to install using solvent cement
- Laxguard CPVC piping system is economical and long lasting
- Laxguard CPVC Pipes and fittings are produced using clean, energy efficient processes, they are light weight and having low friction. thus, such systems save energy in manufacturing, transportation, installation & during usage

## Technical Specification

### Outer Diameters, Wall Thicknesses and Pressure Ratings For cPVC Pipes SDR-11 and SDR-13.5

Nominal Bore (Inch)	Nominal Size (mm)	Nominal Outside Diameter (mm)	SDR - 11 Wall Thickness		Working Pressure at		SDR 13.5 Wall Thickness		Working Pressure at	
			Minimum	Maximum	23 °C	82 °C	Minimum	Maximum	23 °C	82 °C
			(mm)	(mm)	kg/Cm <sup>2</sup>		(mm)	(mm)	kg/Cm <sup>2</sup>	
½	15	15.9	1.7	2.2	28.10	7.0	1.2	1.91	22.50	5.6
¾	20	22.2	2.0	2.5	28.10	7.0	1.7	2.2	22.50	5.6
1.0	25	28.6	2.6	3.1	28.10	7.0	2.1	2.6	22.50	5.6
1 ¼	32	34.9	3.2	3.7	28.10	7.0	2.6	3.1	22.50	5.6
1 ½	40	41.3	3.8	4.3	28.10	7.0	3.1	3.6	22.50	5.6
2.0	50	54.4	4.9	5.5	28.10	7.0	4.0	4.6	22.50	5.6



Survey No. 86/2, Anmol Industrial Park, Nr. Atul Auto Ltd.,  
Shapar (Veraval), Dist. Rajkot (Guj.) INDIA - 360 024.  
Ph.: (02827) 294444 | Mo.: +91 953738 4444, 5555.  
E-mail : [lexuspolymers@gmail.com](mailto:lexuspolymers@gmail.com)  
Website : [www.lexuspolymers.com](http://www.lexuspolymers.com)



Autho.Dealer :