The Soul Of Plumbing

LEXFLOW™

uPVC PIPES & FITTINGS

Suitable for

Cold Water

Application

AN ISO 9001 : 2008 CERTIFIED COMPANY

WHY LEXFLOW uPVC ?

The material used in the manufacturing of LEXFLOW uPVC pipes and fittings shall consist substantially of polyvinyl chloride, to which may be added only those additives that are needed to facilitate the manufacturing of the polymer and the production of sound and durable LEXFLOW uPVC pipes and fittings of good surface, good finishing, super mechanical strength and opacity. None of these additives shall be used separately or together in quantities sufficient to constitute a toxic hazard, to impair the fabrication or welding properties of the pipes, or to impair the chemical and physical properties of the LEXFLOW uPVC Pipes and fittings.

No rework material shall be used and the dispersion of all ingredients in the material composition shall be uniform.

ADVANTAGES :

- Completely non-toxic (Lead/Heavy etal Free Systerm) suitable for portable water applications & Free from bad odour and taste
- High Strength for toughness and durability
- Corrosion Resistant even with harsh water conditions
- Smooth Surface with low friction loss and Resistant to Scaling
- Very Cost Effective
- Maintenance Free
- Suitable for Indoor and Outdoor Use
- Much Higher pressure bearing capability
- Inbuilt features to provide more value to the customer and convenience for the installer
- Easy Solvent Weld (self extinguishing)
- Fire resistant (self extinguishing)

APPLICATIONS :

- PVC Cold Water Plumbing
- Vertical Riser Lines and Ring Lines for Building
- Industrial Plumbing for DM Plants
- Mainlines for Water Distribution
- Piping for Swimming Pools
- Many other applications.

LEXFLOW™
uPVC PIPES & FITTINGS


Bathrooms


Washing Place


Kitchen


High Rise Buildings

TECHNICAL SPECIFICATIONS :

This system covers uPVC Schedule 40 & 80 Pipe in Iron Pipe size (IPS) and solvent cement fitting for pressure applications with operating temperature up to 60°c. Pipe and Fitting shall be made of non-toxic uPVC compound. Pipe and Fitting Material: Virgin PVC (Poly Vinyl Chloride) Compounds.

STANDARDS :

uPVC Pipe and Fitting Material: ASTMD 1784
uPVC Schedule 40 & 80 Pipe : : ASTMD 1785
uPVC Schedule 80 Socket Type Solvent Cement Fitting : ASTMD 2467
Solvent Cement: ASTMD 2564 (suitability in potable water applications)


Single Owned House


Hotels, Resorts


Hospitals, Laboratories


Industries Etc.

JOINTING PROCEDURE :

- » Cut pipe straight (very important). This will allow pipe to bottom into the socket.
- » Remove burr (Shaving), use clean dry cloth or knife. Do not use abrasive material.
- » Clean pipe and fitting & ensure no dirt, grease or any other foreign matter.
- » Check dry fit. Pipe should easily go into the socket 1/3 to 2/3 of the way before any resistance is felt. This is felt. This is commonly referred to as interference fit. If pipe goes to the bottom of the fitting without any resistance (interference) ensures fitting is not correct size. If it is not correct size get another fitting.
- » Apply a thin coat of cement into the fitting socket and full even coat on the pipe to the depth of socket bottom. Do not puddle cement in socket.
- » Insert pipe into the socket quickly while cement is still fluid (wet), if cement has dried, re-coat pipe and fitting. Twist pipe turn, this will allow cement to cover any dry spot. Make sure pipe goes all the way to the bottom of the fitting.
- » Hold pipe and fitting together (30 second) to make sure pipe does note push out. »Wipe off excess cement with clean dry cloth.
- » Allow cement to cure before applying water (fluid) pressure. Cure time is dependent upon temperature, humidity etc however under normal conditions, allow 24 hours cure time.

Technical Details of uPVC Threadless Pipes

Dimension and water pressure at 23°c for threadless plumbing pipes as per ASTM D-1785

Nominal Pipe Size (Inch)	Min Outside Diameter (mm)		SCHEDULE - 40				SCHEDULE - 80			
			Thickness (mm)		Max. Water Pressure at 23°C		Thickness (mm)		Max. Water Pressure at 23°C	
	Min	Max	Min	Max	psi	kg/cm²	Min	Max	psi	kg/cm²
½"	21.24	21.44	2.77	3.28	600	42.19	3.73	4.24	850	59.76
¾"	26.57	26.77	2.87	3.38	480	93.75	3.91	4.42	690	48.51
1"	33.27	33.53	3.38	3.89	450	31.64	4.55	5.08	630	44.29
1¼"	42.03	42.29	3.56	4.07	370	26.01	4.85	5.43	520	36.56
1½"	48.11	48.41	3.68	4.19	330	23.20	5.08	5.69	470	33.04
2"	60.17	60.47	3.91	4.42	280	19.69	5.54	6.20	400	28.12
2½"	75.12	75.48	5.16	5.77	300	21.09	7.01	7.85	420	29.53
3"	88.70	89.10	5.49	6.15	260	18.28	7.62	8.53	370	26.01
4"	114.07	114.53	6.02	6.73	220	15.47	8.56	9.58	320	22.50

LEXUS POLYMERS

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Eco-Friendly

हमारे पर्यावरण के अनुकूल

ASTM INTERNATIONAL Standard Worldwide D-1785 / D-2467

Autho.Dealer :