

Keep Yourself Healthy[®]
DURA²MAX



UPVC PIPE & FITTINGS

A Product of



Group

ABOUT US

Dura Water Tanks has created ripples in the field of plastic products since 1992. The company has revolutionised the plastic industry by providing innovative products with highest quality standards followed by excellent after sale services. Subsequently, the brand has become consumers favourite choice and is widely accepted as a leading brand nationwide in water storage tanks, PPR pipe and fittings, garden hose pipe, road safety products and textile sliver cans.

With the same dedication and commitment, "Dura Max" Plastic Industries Pvt. Ltd. proudly launches "Dura Max" U-PVC (Un-Plasticised Poly Vinyl Chloride) pipe and fittings; a complete solution for pressure and non-pressure pipes for sewerage, electrical conduits and other water supply applications. Dura has always set standards in every field of its entrance; and expansion in realms of PVC would further add to its brand equity.



WHY DURA U-PVC PIPES & FITTINGS



Complete Range
Dura MAX comes up with complete fitting range and piping solution for its valuable customers from size 2" to 8" inches.

As Per Standards
Each pipe is and produced in compliance to a host of national and international standard (as per BS- 3505:1968, PS-3051:1991).

Lab Approved -
A well equipped in-house and laboratory under strict guidance, vigilance and supervision of guarantees flawless supply of goods.

Best Compounding Material - Dura UPVC Pipes are made with UPVC modified give compound to very high impact strength and tensile elasticity. Dura pipes are

Trendy Design A unique and contemporary design feature allows DuraFlow pipes & fittings to add to the aesthetic appeal of your building.

High Flow Rate - Because of its extremely smooth internal surface, it offers excellent flow properties which remain constant due to reduced build up of and

Long Life/Zero Maintenance - PVC is free from corrosion, abrasion, growth of bacteria, algae and fungi, ensuring long life and durability.

Chemical U-PVC Resistance & Non Conductivity has exceptional resistance to all concentrations from Alkalis and Acids. The a material is also

USAGES OF U-PVC PIPES

- Drainage installations for sewerage and disposal (both domestic and industrial)
- Industrial affluent disposal - can be used safely to transport various types of corrosive liquids with aggressive composition
- Casing of commercial cables and wires
- Pressure mains and potable water distribution networks
- Agriculture, horticulture and greenhouse irrigation system
- Chilled water line for refrigeration and air-conditioning system



JOINT METHOD



01

Ensure that the joining surface is clean, dry and free of dust/burrs

02

The spigot should be marked with a pencil line at a distance equivalent to the socket depth

03

Apply uniform coat of solvent cement on the external surface of the pipe and a lighter coat on the internal surface of the fitting

04

Insert the pipe end into the socket of the fitting and push it in up to the mark.

05

Remove the excess solvent cement and hold the joint firmly in position for 30 seconds to dry.

APPROVALS/CERTIFICATIONS

- | | | |
|---------|---------|----------------------------|
| ● PSQCA | ● PCSIR | ● PUBLIC HEALTH (PHED/HUD) |
| ● SNGPL | ● DHA | ● BUILDING DEPARTMENT |
| ● ISO | ● PTCL | ● BAHRIA TOWN |



TABLE OF STANDARDS

PIPE DIMENSIONS FOR BS-3505 & PSI 3051 (CLASS B,C,D,E & O)

Size	Outside Diameter		Wall Thickness									
			Class B, 6.0 bar		Class C, 9.0 bar		Class D, 12.0 bar		Class E, 15.0 bar		Class O	
	Min.	Max.	Pressure Pipe		Pressure Pipe		Pressure Pipe		Pressure Pipe		Non Pressure Pipe	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
2"	60.2	60.5	--	--	2.5	3.0	3.1	3.7	3.9	4.5	1.8	2.2
2 1/2"	75.0	75.3	--	--	3.0	3.5	3.9	4.5	4.8	5.5	1.8	2.2
3"	88.7	89.1	2.9	3.4	3.5	4.1	4.6	5.3	5.7	6.6	1.8	2.2
4"	114.1	114.5	3.4	4.0	4.5	5.2	6.0	6.9	7.3	8.4	2.3	2.8
5"	140.0	140.4	3.8	4.4	5.5	6.4	7.3	8.4	9.0	10.4	2.6	3.1
6"	168.0	168.5	4.5	5.2	6.6	7.6	8.8	10.2	10.8	12.5	3.1	3.7
7"	193.5	194.0	5.2	6.0	7.7	8.9	10.1	11.7	12.4	14.3	3.1	3.7
8"	218.8	219.4	5.3	6.1	7.8	9.0	10.3	11.9	12.6	14.5	3.1	3.7
9"	244.1	244.8	5.9	6.8	9.7	10.0	11.5	13.3	14.1	16.3	3.1	3.7
10"	272.6	273.4	6.6	7.6	9.7	11.2	12.8	14.8	15.7	18.1	3.1	3.7
12"	323.4	324.3	7.8	9.0	11.5	13.3	15.2	17.2	18.7	21.6	3.1	3.7

ASTM D 2241 (SDR Series)

Outside Diameters & Minimum Wall Thickness

Size	Nominal Dia	SDR 64	SDR 41	SDR 32.5	SDR 26	SDR 21	SDR 17	SDR 13.5
		Wall Thickness	Wall Thickness	Wall Thickness	Wall Thickness	Wall Thickness	Wall Thickness	Wall Thickness
	MM	Min.	Min.	Min.	Min.	Min.	Min.	Min.
2"	60.32	--	--	1.85	2.31	2.87	3.56	4.47
2 1/2"	73.02	--	--	2.24	2.79	3.48	4.29	5.41
3"	88.9	--	2.16	2.74	3.43	4.24	5.23	6.58
4"	114.3	1.78	2.79	3.51	4.39	5.44	6.73	8.46
5"	141.3	2.64	3.45	4.34	5.43	6.73	8.3	10.1
6"	168.28	2.64	4.11	5.18	6.48	8.03	9.91	12.47
8"	219.08	3.43	5.33	6.73	8.43	10.41	12.9	--
10"	273	--	6.65	8.41	10.5	12.98	--	--
12"	323.9	--	7.9	9.96	12.5	15.39	--	--



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