

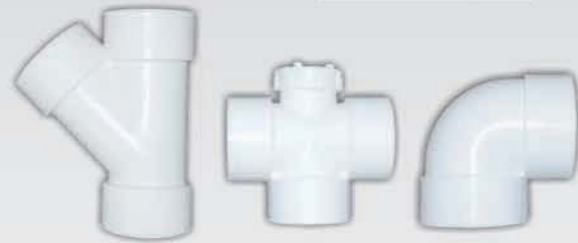


## NOBLE ENTERPRISES

BRAND NAME

# MASTER FIT

MANUFACTURER OF uPVC , PPRC , PE , CONDUIT PIPES ,  
FITTINGS & PE WATER STORAGE TANKS



## MASTER FIT UPVC PIPES

- uPVC Pipes range of production is from 1/2" dia to 8" dia in Class B for 200ft head of water, class-C for 300ft head of water, class-D for 400ft head of water and class-E for 500ft head of water pressure ratings (BS-3505).
- uPVC Pipes are used for cold potable water transportation in urban as well as in rural areas.
- uPVC Pipes are have various other fields of application such as drainage, Sanitary, chemical industry, agriculture, irrigation, air conditioning and refrigeration duct lines and fir fighting systems.
- uPVC Pipes are also used in tube wells and hand pumps as casing and strainer pipes, Master Fit PVC
- Electrical conduit are also manufactured by us from 1/2" dia to 4" diameters meeting pakistan standar (1905) and British Standard (6099).
- uPVC are manufactured Industrial & housing use medium drainage pipes from 2" dia to 8".
- uPVC Lead free Pipe are manufactured (food grade) especially for drinking water.
- uPVC Pipes and Electrical conduits are manufactured on twin screw machines using latest blending and extrusion techniques. In order to ensure quality, we have fully equipped laboratory and the quality of Master
- Fit uPVC Pipes is tested by our qualified and trained staff during all stages of its manufacture.
- We have toiled relentlessly to manufacture prime quality uPVC Pipes and Electrical Conduits and market it proudly but humbly to the entire satisfaction of users on most competitive preices.

## GENERAL PROPERTIES OF MASTER FIT UPVC PIPES

- Self extinguishing.
- Easy to bend and cut.
- Do not Rust, rot or corrode - ever
- Smooth inner surface - less friction loss.
- Light in weight - easy to transport and install.
- Does not impart colour, odour or taste to flowing water and other fluids.
- Most durable and dependable over other conventional pipes yet economical.
- Chemical resistant to various Alkalis, Acids other chemicals and aggressive soils.
- Non-toxic and non conductive.
- Corrosive fluid pipe lines-Dye houses, chrome and Zinc plating plant. etc.







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**Applications of MASTER FIT UPVC Pipes**

- Chemical Plant Installation
- Industrial use
- Mining
- Drain and waste
- Electrical Conduits
- Vent and Duct
- Irrigation and Agriculture use
- Tube well casing and strainer
- Chemical Supply
- Electrical Cable Pipe
- Telecom Pipe
- Cold water supply
- Paper Mill Installation (Alum & Pulp Carry)
- Coal Washing Plants
- Fume extraction ducts

uPVC Pressure Pipes For Cold Potable Drinking water As Per Psi Specification PS-3051/91

**MASTER FIT u-PVC PIPES DIMENSIONS FOR CLASS B ,C ,D AND E BS-3505 (PS-3051)**

Nominal Size	Mean Outside Diameter		Wall Thickness (S)							
			Class B 6 Bar (200 ft head)		Class C 9 Bar (300 ft head)		Class D 12 Bar (400 ft head)		Class E 15 Bar (500 ft head)	
Inches	min	max	min	max	min	max	min	max	min	max
1/2	21.2	21.5							1.7	2.1
3/4	26.6	26.9							1.9	2.5
1	33.4	33.7							2.2	2.7
1 1/4	42.1	42.4					2.2	2.7	2.7	3.2
1 1/2	48.1	48.4					2.5	3.0	3.1	3.7
2	60.2	60.5			2.5	3.0	3.1	3.7	3.9	4.5
2 1/2	75.0	75.3			3.0	3.5	3.9	4.5	4.8	5.5
3	88.7	89.1	2.9	3.4	3.5	4.1	4.6	5.3	5.7	6.6
4	114.1	114.5	3.4	4.0	4.5	5.2	6.0	6.9	7.3	8.4
5	140.0	140.4	3.8	4.4	5.5	6.4	7.3	8.4	9.0	10.4
6	168.0	168.5	4.5	5.2	6.6	7.6	8.8	10.2	10.8	12.5
8	218.8	219.4	5.3	6.1	7.8	9.0	10.3	11.9	12.4	14.5
10	272.6	272.4	6.6	7.6	9.7	11.2	12.8	14.8	15.7	18.1
12	323.4	324.3	7.8	9.0	11.5	13.3	15.2	17.5	18.7	21.6
14	355.0	356.0	8.5	9.8	12.6	14.5	16.7	19.2	20.5	23.6
16	405.9	406.9	9.7	11.2	14.5	16.7	19.0	21.9	23.4	27.0
18	456.7	457.7	11.0	12.7	16.3	18.8	21.4	24.6	-	-
20	507.5	508.5	12.2	14.1	18.1	20.9	-	-	-	-
24	609.1	610.1	14.6	16.8	21.7	25.0	-	-	-	-

- uPVC Pipes are available in 4 and 6 meters length.
- uPVC Pipes are available in plain ends, socketed ends and also push on Rubber Ring joints (Z-joint)
- uPVC Pipes can also be supplied in shorter or longer lengths.
- uPVC jointing solution and other accessories such as bends, sockets, tees elbows, reducers, valves,





## ASTM D 1785-94 outside diameter wall thickness & tolerances for PVC pipes Schedule 40 ,80 and 120

Nominal Size Inches	Mean Outside Diameter(mm)		Tolerances (mm)		Wall thickness (mm)					
			For Max & Min (out of the roundness)		Schedule 40.		Schedule 80.		Schedule 120.	
	Min	Max	shc. 40 size 4" and over sch. 80 size 8"and over	shc 40 sizes 3" and less sch 80 sizes 6" and less	Min	Tolerance	Min	Tolerance	Min	Tolerance
1/2"	21.4	21.44	---	+0.2	2.77	+0.51	3.73	+0.51	4.32	+0.51
3/4"	26.57	26.77	---	+0.25	2.87	+0.51	3.91	+0.51	4.32	+0.51
1"	33.27	33.53	---	+0.25	3.38	+0.51	4.55	+0.53	5.08	+0.61
1 1/4"	-	-	---	+0.25	3.56	+0.51	4.85	+0.53	5.43	+0.61
1 1/2"	48.11	48.41	---	+0.3	3.68	+0.51	5.08	+0.61	5.72	+0.68
2"	60.17	60.47	---	+0.3	3.91	+0.51	5.54	+2.066	6.35	+0.76
2 1/2"	-	-	---	+0.3	5.15	+0.51	7.00	+0.66	8.27	+0.76
3"	88.7	89.1	---	+0.38	5.49	+0.66	7.62	+0.91	8.89	+1.07
4"	114.07	114.53	+1.27	+0.38	6.02	+0.71	8.56	+1.02	11.1	+1.32
6"	168.0	168.56	+1.27	+0.89	7.11	+0.86	10.97	+1.32	14.27	+1.70
8"	218.7	219.46	+1.9	+1.14	8.18	+0.99	12.70	+1.52	18.24	+2.18
10"	272.67	273.43	+1.9	+1.27	9.27	+1.12	15.06	+1.8	21.41	+2.56
12"	323.47	324.23	+1.9	+1.52	10.31	+1.24	17.45	+2.08	25.40	+3.05

### uPVC PIPE ASTM D-2241 SDR SERIES

Nominal Size	Outside Diameter mm		SDR-13.5 PR 315 P.S.I	SDR-17 PR 250 P.S.I	SDR-21 PR 200 P.S.I	SDR-26 PR 160 P.S.I	SDR-32.5 PR 125 P.S.I	SDR-41 PR 100 P.S.I
			Wall Thickness mm	Wall Thickness mm	Wall Thickness mm	Wall Thickness mm	Wall Thickness mm	Wall Thickness mm
Inches	Min	Max	Min	Min	Min	Min	Min	Min
2	60.18	60.47	4.48	3.56	2.87	2.28	-	-
3	88.70	89.10	6.58	5.23	4.24	3.43	2.74	-
4	114.08	114.52	8.46	6.73	5.43	4.39	3.51	2.78
5	141.05	141.55	10.47	8.30	6.74	5.44	4.35	3.46
6	168.00	168.55	12.47	9.90	8.0	6.48	5.18	4.12
8	218.70	219.45	-	12.90	10.41	8.44	6.73	5.33