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GENERAL ADVANTAGES OF UPVC PIPES

Non-Corrosion:

uPVC pipes are highly resistant to corrosion caused by acids, alkalis, oils, salts, moisture, and the media inside or outside the pipe. This makes them particularly reliable for extreme climatic and soil conditions, such as those found in Saudi Arabia. Their durability ensures long-term performance in challenging environments.

Sanitary:

uPVC pipes are entirely non-toxic and safe for use with drinking water and other liquids. They do not affect the taste, smell, or color of water and do not react with any liquid to create a precipitant. This makes them an ideal choice for sanitary and potable water applications.

Low Flow Loss:

uPVC pipes feature a mirror-smooth interior surface that minimizes resistance and reduces the buildup of deposits or corrosive scales. This smooth surface ensures efficient flow rates, making them highly effective for water distribution systems.

Mechanical Strength:

uPVC pipes combine excellent tensile strength with flexibility, allowing them to withstand displacement or stress in piping systems. They do not dent, deform, or flatten under pressure, ensuring their structural integrity in a variety of applications.

Light Weight:

uPVC pipes are incredibly lightweight, with a specific weight that is only one-fifth that of steel pipes. This significantly reduces transportation costs and makes the installation process easier and more economical. Their lightweight nature also facilitates handling and reduces overall project costs.

Ease of Installation:

uPVC pipes are designed for quick and easy installation, featuring a comprehensive range of fittings that use solvent cement or rubber joints. The joints are leakproof, and the pipes can be cut effortlessly, making them an excellent choice for efficient and hassle-free installation processes.

Ease of Maintenance:

uPVC pipes are easy to maintain and can be quickly repaired with minimal complications or costs. Their durability and straightforward repair methods ensure reduced downtime in the event of damage.

Fire Resistance:

uPVC pipes are non-combustible and do not support combustion. In the event of a fire, flames cannot travel along the pipe, as the material is self-extinguishing. This makes them a safer option for applications requiring fire resistance.

Insulator:

uPVC pipes are ideal for electrical conduits. As an integral insulator, uPVC eliminates the risk of electrolytic corrosion, which commonly destroys underground piping systems. This property ensures long-term reliability and safety for electrical installations.

APPLICATIONS OF MMP UPVC PIPES

Water Supplies:

Non-toxic uPVC pipes do not affect the taste, color, or smell of drinking water. They are resistant to corrosion and ensure excellent sanitation. Unlike conventional steel pipes, deposits and scales do not accumulate inside uPVC pipes. Their strength also surpasses that of asbestos pipes, making them a reliable choice for water supply systems.

Irrigation Systems:

uPVC pipes are ideal for agricultural irrigation and sprinkler systems. Their non-corrosive properties make them perfect for carrying water containing chemical fertilizers and insect inhibitors. With thick walls and large diameters, uPVC pipes can transport liquids under high pressure, making them convenient for managing large-scale farms.

Industry:

uPVC pipes are resistant to most chemicals, making them vital in industrial plants. Their lightweight design and ease of assembly enable complex piping configurations that would otherwise require steel or cast-iron pipes. This versatility ensures seamless integration into various industrial applications.

Solid Waste & Drainage Systems:

uPVC pipes are well-suited for waste lines carrying corrosive gases, ventilation systems in office buildings, and drainage systems in private homes or elevated highways. Their non-corrosive and easy-to-install nature makes them an excellent choice for ensuring effective drainage solutions. A full range of uPVC fittings is also available to simplify installation.

Mining:

uPVC pipes are particularly effective for draining corrosive liquids found in mining operations. They are ideal for vent lines in pits, especially in hard-to-reach areas. Their durability and resistance to harsh conditions make them indispensable in mining applications.

Electrical & Telecommunications Cables:

As integral insulators, uPVC pipes are increasingly in demand as electrical conduits. They facilitate wiring and provide excellent protection against corrosion. A comprehensive range of fittings is available, fabricated from the same durable material as the pipes.

MMP uPVC Pipes for Casing and Screen:

Overcoming engineering difficulties and preventing adverse chemical reactions often make corrosion-resistant materials necessary. uPVC pipes eliminate these challenges through protective coatings, chemical treatments, or cathodic protection. These pipes are approved by ministry consultants and engineers for use in water well casing and screen applications, ensuring long-lasting reliability.

MANUFACTURING STANDARDS

SASO:

The uPVC pipes conform to SASO 14, meeting the high standards set by the Saudi Standards, Metrology, and Quality Organization to ensure product quality and reliability.

DIN:

These pipes comply with the DIN standards 8062, 19531, 19532, and 19534, ensuring adherence to German industry norms for pipe design, durability, and performance.

ASTM:

The pipes meet ASTM standards 1785, D-2241, and F-512, which outline specifications for the dimensions, materials, and quality of plastic piping systems.

BS:

Complying with British Standards, the pipes align with BS 3505, 3506, 5481, 4660, 4514, 5255, 2665, and 6099, ensuring their reliability and usability in international markets.

EN:

These pipes meet EN 1452 standards, which specify performance requirements for piping systems used for water supply and other applications.

NEMA:

uPVC pipes are designed according to NEMA standards TC-2, TC-6, and TC-8V, ensuring they are suitable for electrical conduit and other demanding installations.

Range of Production

- Pipes from MMP are manufactured according to SASO and or DIN Standards from 20mm, up to 800mm outside diameter in various pressure classes.
- uPVC pipes are available with solvent weld Socket joints for diameters less than 63mm. Sizes of outside diameter 63mm and larger are available with both mechanical rubber ring joints or solvent weld Socket joints.
- Pipes manufactured in accordance with ASTM are ranging from 1/2 inch up to 8 inches in various pressure (SCH 40, SCH 80) with white and gray colour.
- ASTM Pipes are available with plain spigot and Solvent Cement joints only.
- MMP pipes are produced in 6 meters standard length (other lengths are available on request), standard colours are grey, white and black (other colours are available on request).

UPVC PRESSURE PIPES

UPVC pipes according to (SASO 14, DIN 8062, DIN 19532, ISO 161)

Class		Class 1		Class 2		Class 3		Class 4		Class 5	
Nominal Pressure in Bars		2 BAR		4 BAR		6 BAR		10 BAR		16 BAR	
Nom-OD mm	Tolerance on Nom-OD mm	Nom-thick of wall mm	Nom-wt. kg/m	Nom-thick of wall mm	Nom-wt. kg/m	Nom-thick of wall mm	Nom-wt. kg/m	Nom-thick wall mm	Nom-wt. kg/m	Nom-thick of wall mm	Nom-wt. kg/m
20	+0.2									1.5	0.137
25	+0.2							1.5	0.174	1.9	0.212
32	+0.2							1.8	0.264	2.4	0.342
40	+0.2					1.8	0.334	1.9	0.350	3.0	0.525
50	+0.2					1.8	0.422	2.4	0.552	3.7	0.809
63	+0.2					1.9	0.562	3.0	0.854	4.7	1.29
75	+0.3			1.8	0.642	2.2	0.782	3.6	1.22	5.6	1.82
90	+0.3			1.8	0.774	2.7	1.13	4.3	1.75	6.7	2.61
110	+0.3	1.8	0.950	2.2	1.16	3.2	1.64	5.3	2.61	8.2	3.90
125	+0.3	1.8	1.08	2.5	1.48	3.7	2.13	6.0	3.64	9.3	5.01
140	+0.4	1.8	1.21	2.8	1.84	4.1	2.65	6.7	4.18	10.4	6.27
160	+0.4	1.8	1.39	3.2	2.41	4.7	3.44	7.7	5.47	11.9	8.17
180	+0.4	1.8	1.57	3.6	3.02	5.3	4.37	8.6	6.88	13.4	10.4
200	+0.4	1.8	1.74	4.0	3.70	5.9	5.37	9.6	8.51	14.9	12.8
225	+0.5	1.8	1.96	4.5	4.70	6.6	6.76	10.8	10.8	16.7	16.1
250	+0.5	2.0	2.40	4.9	5.65	7.3	8.31	11.9	13.2	18.6	19.9
280	+0.6	2.3	3.11	5.5	7.11	8.2	10.4	13.4	16.6	20.8	24.9
315	+0.6	2.5	3.78	6.2	9.02	9.2	13.2	15.0	20.9	23.4	31.5
355	+0.7	2.9	4.88	7.0	11.4	10.4	16.7	16.9	26.5	26.3	39.9
400	+0.7	3.2	6.10	7.9	14.5	11.7	21.1	19.1	33.7	29.7	50.8
450	+0.8	3.6	7.65	8.9	18.3	13.2	26.8	21.5	42.7	33.1	
500	+0.9	4.0	9.38	9.8	22.4	14.6	32.9	23.9	52.6	36.8	
560	+1.0	4.2	11.8	11.0	28.1	16.4	41.4	26.7	65.8		
630	+1.1	2.5	14.7	12.4	35.7	18.4	52.2	30.0	83.2		
710	+1.2	5.7	18.9	14.0	45.3	20.7	66.1				
800	+1.3	6.4	23.9	15.7	57.2	23.3	83.9				

Length : 6 meters (Other lengths are available on request.)

Colour : Grey.

Socket Type : Rubber joint (R/J) type supplied from sizes 63mm up to 800mm.

Solvent Cement (SC/J) type supplied from sizes 20mm up to 800mm.

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UPVC Pipes According to ASTM D - 1785, Schedule 40 & Schedule 80

Nominal Size Inch.	O.D. (mm)		Schedule 40				Schedule 80			
	min	max	Wall Thickness (mm)		Nominal Weight (kg/m)	PSI	Wall Thickness (mm)		Nominal Weight (kg/m)	PSI
			min	max			min	max		
1/2	21.24	21.44	2.77	3.28	0.24	600	3.73	4.24	0.3	850
3/4	26.57	26.77	2.87	3.38	0.33	480	3.91	4.42	0.43	690
1	33.27	33.53	3.38	3.89	0.48	450	4.55	5.08	0.61	630
1 1/4	42.03	42.29	3.56	4.07	0.65	370	4.85	5.44	0.87	520
1 1/2	48.11	48.41	3.68	4.19	0.77	330	5.08	5.69	1.03	470
2	60.17	60.47	3.91	4.42	1.04	280	5.54	6.2	1.43	400
2 1/2	72.84	73.2	5.16	5.77	1.57	300	7.01	7.85	2.2	420
3	88.7	89.1	5.49	6.15	2.14	260	7.62	8.53	2.91	370
4	114.1	114.5	6.02	6.73	3.05	220	8.56	9.58	4.26	320
5	141.05	141.55	6.22	7.347	4.18	190	9.52	10.67	6.42	290
6	168	168.56	7.11	7.98	5.37	180	10.97	12.29	8.13	280
8	218.7	219.46	8.18	9.17	8.11	160	12.7	14.22	12.4	250

Length : 6 meters (Other lengths are available on request.)
Colour : Schedule 40- White, Schedule 80 - Grey
Socket Type : Plain, solvent cement (SC/J)

UPVC Pressure-rated Pipes According to ASTM D 2241

Nominal Size Inch.	O.D. (mm)		Wall Thickness (mm)											
	min	max	Standard Diameter Ratio (SDR)											
			41		32.5		26		21		17		13.5	
			W.P: 6.9 Bar		W.P: 8.6 Bar		W.P: 11 Bar		W.P: 13.8 Bar		W.P: 17.2 Bar		W.P: 21.7 Bar	
			min	max	min	max	min	max	min	max	min	max	min	max
1/2	21.24	21.44											1.57	2.08
3/4	26.57	26.77							1.52	2.03	1.57	2.08	1.98	2.49
1	33.27	33.53					1.52	2.03	1.60	2.11	1.96	2.46	2.46	2.97
1 1/4	42.03	42.29			1.52	2.03	1.63	2.13	2.01	2.52	2.49	3.00	3.12	3.63
1 1/2	48.11	48.41			1.52	2.03	1.85	2.36	2.29	2.80	2.84	3.35	3.58	4.09
2	60.17	60.47			1.85	2.36	2.31	2.82	2.87	3.38	3.56	4.06	4.47	4.98
3	88.70	89.10	2.16	2.67	2.74	3.25	3.43	3.94	4.24	4.75	5.23	5.87	6.58	7.37
4	114.07	114.53	2.80	3.30	3.51	4.01	4.39	4.90	5.44	6.10	6.73	7.54	8.46	9.47
6	168.00	168.56	4.11	4.62	5.18	5.79	6.48	7.26	8.03	9.00	9.91	11.10	12.47	13.97
8	218.70	219.46	5.33	5.97	6.73	7.54	8.43	9.45	10.41	11.66	12.90	14.45		

Note: The maximum pressure rating given above is based on water at 73 °F/23 °C and for unthreaded pipes.

Length : 6 meters (Other lengths are available on request.)
Colour : White
Socket Type : Plain, solvent cement (SC/J).

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UPVC Pipes According to BS 3505 / 3506

Applications: Water supply, irrigation systems, industrial use

Nominal Size Inch.	O.D. (mm)		Wall Thickness (mm)													
	min	max	Class B		Class C		Class D		Class E		Class O		Class 6		Class 7	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max
3/8	17.0	17.3							1.5	1.9			2.3	2.8	3.2	3.8
1/2	21.2	21.5							1.7	2.1			2.8	3.3	3.7	4.3
3/4	26.6	26.9							1.9	2.5			2.9	3.4	3.9	4.5
1	33.4	33.7							2.2	2.7			3.4	4.0	4.5	5.2
1 1/4	42.1	42.4					2.2	2.7	2.7	3.2			3.6	4.2	4.8	5.5
1 1/2	48.1	48.4					2.5	3.0	3.1	3.7	1.8	2.2	3.7	4.3	5.1	5.9
2	60.2	60.5			2.5	3.0	3.1	3.7	3.9	4.5	1.8	2.2			5.5	6.3
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				
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				

Note: Classes B,C,D and E are to BS 3505/3506. Classes O, 6 and 7 are to BS 3506 / 1969. Classes 6 and 7 equivalent to ASTM D-1785, SCH 40 and SCH 80 respectively.

Length : 6 meters (Other lengths are available on request.)
Colour : Dark Grey except class O which is grey.
Socket Type : Plain, solvent cement (SC/J)
Pressure ratings for working pressure at 20 °C

Class	
B	6.0 bar
C	9.0 bar
D	12.0 bar
E	15.0 bar

For higher working temperatures, the pressure rating should be reduced.

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UPVC Pressure Pipes according to EN 1452

Dimensions in millimeters

Nominal Outside diameter	Nominal (minimum) Wall Thickness							
	Pipe Series S							
	S 20 (SDR 41)	(S 16,7) (SDR 34,4)	S 16 (SDR 33)	S 12,5 (SDR 26)	S 10 (SDR 21)	S 8 (SDR 17)	S 6,3 (SDR 13,6)	S 5 (SDR 11)
	Nominal pressure PN based on service (design) coefficient C=2,5							
	PN 6	PN 6	PN 6	PN 8	PN 10	PN 12,5	PN 16	PN 20
20	-	-	-	-	-	-	1,5	1,9
25	-	-	-	-	-	1,5	1,9	2,3
32	-	-	1,5	1,6	1,9	2,4	2,9	3,7
40	-	1,5	1,6	2,0	2,4	3,0	3,7	4,6
50	1,5	1,6	2,0	2,4	3,0	3,7	4,6	5,8
63	1,9	2,0	2,5	3,0	3,8	4,7	5,8	6,8
75	2,2	2,3	2,9	3,6	4,5	5,6	6,8	8,2
90	2,7	2,8	3,5	4,3	5,4	6,7	8,2	-
Nominal pressure PN based on service (design) coefficient C=2,0								
	PN 6	PN 7,5	PN 8	PN 10	PN 12,5	PN 16	PN 20	PN 25
110	2,7	3,2	3,4	4,2	5,3	6,6	8,1	10,0
125	3,1	3,7	3,9	4,8	6,0	7,4	9,2	11,4
140	3,5	4,1	4,3	5,4	6,7	8,3	10,3	12,7
160	4,0	4,7	4,9	6,2	7,7	9,5	11,8	14,6
180	4,4	5,3	5,5	6,9	8,6	10,7	13,3	16,4
200	4,9	5,9	6,2	7,7	9,6	11,9	14,7	18,2
225	5,5	6,6	6,9	8,6	10,8	13,4	16,6	-
250	6,2	7,3	7,7	9,6	11,9	14,8	18,4	-
280	6,9	8,2	8,6	10,7	13,4	16,6	20,6	-
315	7,7	9,2	9,7	12,1	15,0	18,7	23,2	-
355	8,7	10,4	10,9	13,6	16,9	21,1	26,1	-
400	9,8	11,7	12,3	15,3	19,1	23,7	29,4	-
450	11,0	13,2	13,8	17,2	21,5	26,7	33,1	-
500	12,3	14,6	15,3	19,1	23,9	29,7	36,8	-
560	13,7	16,4	17,2	21,4	26,7	-	-	-
630	15,4	18,4	19,3	24,1	30,0	-	-	-
710	17,4	20,7	21,8	27,2	-	-	-	-
800	19,6	23,3	24,5	30,6	-	-	-	-

Note: To apply an overall service (design) coefficient of 2.5 (instead of 2.0) for pipes with nominal diameter above 90mm, the next higher pressure rating, PN, shall be chosen.

Length : 6 meters (Other lengths are available on request).
Colour : Grey.
Socket Type : Rubber joint (R/J) type supplied from sizes 63mm up to 800mm.
Solvent Cement (SC/J) type supplied from sizes 20mm up to 800mm.

UPVC DRAINAGE AND SEWERAGE PIPES

UPVC pipe according to DIN 8062, ISO 161-1

Class:		Class 1		Class 2		Class 3		Class 4	
Nominal Pressure in Bars		2 BAR		4 BAR		6 BAR		10 BAR	
Nom-OD (mm)	Tolerance on Nom- OD (mm)	Nom-wall thickness (mm)	Nom- wt. kg/m	Nom-wall thickness (mm)	Nom- wt. kg/m	Nom-wall thickness (mm)	Nom- wt. kg/m	Nom-wall thickness (mm)	Nom- wt. kg/m
25	+0.2							1.5	0.174
32	+0.2							1.8	0.264
40	+0.2					1.8	0.334	1.9	0.350
50	+0.2					1.8	0.422	2.4	0.552
63	+0.2					1.9	0.563	3.0	0.854
75	+0.3			1.8	0.642	2.2	0.782	3.6	1.22
90	+0.3			1.8	0.774	2.7	1.13	4.3	1.75
110	+0.3	1.8	0.950	2.2	1.16	3.2	1.64	5.3	2.61
125	+0.3	1.8	1.08	2.5	1.48	3.7	2.13	6.0	3.64
140	+0.4	1.8	1.21	2.8	1.84	4.1	2.65	6.7	4.18
160	+0.4	1.8	1.39	3.2	2.41	4.7	3.44	7.7	5.47
180	+0.4	1.8	1.57	3.6	3.02	5.3	4.37	8.6	6.88
200	+0.4	1.8	1.74	4.0	3.70	5.9	5.37	9.6	8.51
225	+0.5	1.8	1.96	4.5	4.70	6.6	6.76	10.8	10.8
250	+0.5	2.0	2.40	4.9	5.65	7.3	8.31	11.9	13.2
280	+0.6	2.3	3.11	5.5	7.11	8.2	10.4	13.4	16.6
315	+0.6	2.5	3.78	6.2	9.02	9.2	13.2	15.0	20.9
355	+0.7	2.9	4.88	7.0	11.4	10.4	16.7	16.9	26.5
400	+0.7	3.2	6.10	7.9	14.5	11.7	21.1	19.1	33.7
450	+0.8	3.6	7.65	8.9	18.3	13.2	26.8	21.5	42.7
500	+0.9	4.0	9.38	9.8	22.4	14.6	32.9	23.9	52.6
560	+1.0	4.2	11.8	11.0	28.1	16.4	41.4	26.7	65.8
630	+1.1	2.0	14.7	12.4	35.7	18.4	52.2	30.0	83.2
710	+1.2	5.7	18.9	14.0	45.3	20.7	66.1		
800	+1.3	6.4	23.9	15.7	57.2	23.3	83.9		

Length : 6 meters (Other lengths are available on request).

Colour : Grey.

Socket Type : Rubber joint (R/J) type supplied from sizes 63mm up to 800mm.

Solvent Cement (SC/J) type supplied from sizes 20mm up to 800mm.

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UPVC Sewer Pipes (Gravity) According to DIN 19534.

Applications: Sewerage Pipe Underground

Nominal Size (mm)	Outside Diameter (mm)		Wall Thickness (mm)		Insertion Depth (mm)	Weight kg/m
	(D)	Tolerance	(S)	Tolerance		
110	110	0.3	3.0	0.5 +	115	1.63
125	125	0.3	3.0	0.5 +	120	1.870
160	160	0.4	3.6	0.6 +	132	2.650
200	200	0.4	4.5	0.7 +	145	4.120
250	250	0.5	6.1	0.9 +	160	7.00
315	315	0.6	7.7	1.0 +	180	11.110
400	400	0.7	9.8	1.2 +	200	17.800
500	500	0.9	12.2	1.5 +	250	27.649
600	630	1.1	15.4	1.8 +	300	43.944

Length :6 meters (Other lengths are available on request.)

Colour : Golden Brown.

Socket type : Solvent cement (SC/J) type, Rubber Joint (R/J) type.

UPVC Drain Pipes According to DIN 19531.

Applications: Waste & Soil discharge systems inside buildings

Nominal Size (mm)	Outside Diameter (mm)		Wall Thickness (mm)		Weight kg/m
	Min	Max	Min	Max	
40	40.0	40.2	1.8	2.2	0.381
50	50.0	50.2	1.8	2.2	0.481
75	75.0	75.3	1.8	2.2	0.642
110	110.0	110.3	2.2	2.7	1.160
125	125.0	125.3	2.5	3.0	1.480
160	160.0	160.4	3.2	3.8	2.410

Length :6 meters (Other lengths are available on request).

Colour :Grey.

Socket type : Solvent cement (SC/J) type, Rubber Joint (R/J) type

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UPVC Underground Sewer Pipe (Gravity) According to BS 5481

Applications: Gravity Sewerage Underground

Nominal Size	Outside Diameter (mm)		Wall Thickness (mm)		Weight kg/m
	Min	Max	Min	Max	
200 (8")	200.0	200.6	4.9	5.6	4.50
250 (10")	250.0	250.7	6.1	7.0	7.01
315 (12")	315.0	315.9	7.7	8.7	11.07
400 (16")	400.0	401.0	9.8	11.0	17.83

UPVC Underground Drainage & Sewerage Pipes according to BS 4660

Applications: Drainage Under Gardens, Fields, Driveways & Roads

Nominal Size	Outside Diameter (mm)		Wall Thickness (mm)		Weight kg/m
	Min	Max	Min	Max	
110 (4")	110.0	110.4	3.2	3.8	1.64
160 (6")	160.0	160.6	4.1	4.8	3.04

LENGTH : 5.8 & 6 meters (Other lengths are available on request).

COLOUR : Golden Brown.

SOCKET TYPE : Solvent cement (SC/J) type, Rubber Joint (R/J) type

UPVC Aboveground Soil & Ventilating Pipes according to BS 4514

Applications: Soil & Ventilating Pipes Aboveground

Nominal Size	Outside Diameter (mm)		Wall Thickness (mm)		Weight kg/m
	Min	Max	Min	Max	
82 (3")	82.4	82.8	3.2	3.8	1.21
110 (4")	110.0	110.4	3.2	3.8	1.64
160 (6")	160.0	160.6	3.3	3.9	2.47

LENGTH : 5.8 & 6 meters (Other lengths are available on request).

COLOUR : Golden Brown.

SOCKET TYPE : Solvent cement (SC/J) type, Rubber Joint (R/J) type

Non standard lengths & colours available on request.

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UPVC Aboveground Waste Pipes according to BS 5255

Applications: Waste Aboveground

Nominal Size	Outside Diameter mm		Wall Thickness (mm)		Weight kg/m
	Min	Max	Min	Max	
32 (1 1/4")	36.15	36.45	1.8	2.2	0.301
40 (1 1/2")	42.75	43.05	1.9	2.3	0.376
50 (2")	55.75	56.05	2.0	2.4	0.519

Nominal Size	Outside Diameter mm		Wall Thickness mm		Weight kg/m
	Min	Max	Min	Max	
(1 1/4") 32	36.15	36.45	1.8	2.2	0.301
(1 1/2") 40	42.75	43.05	2.3	2.8	0.452
(2") 50	55.75	56.05	2.4	2.9	0.620

Note: Table (b) for waste pipes - Cold water

LENGTH : 4, 5.8 & 6 meters (Other lengths are available on request).

COLOUR : Grey.

SOCKET TYPE : Solvent cement (SC/J) type, Rubber Joint (R/J) type
Non standard lengths & colours available on request.

UPVC Drain, Waste, Vent Pipes According to ASTM D 2665.

Applications: Drain, Waste, Vent (DWV)

Nominal Size (inch)	Outside Diameter (mm)		Wall Thickness (mm)		Weight kg/m
	Min	Max	Min	Max	
1 1/4	42.03	42.29	3.56	4.07	0.65
1 1/2	48.11	48.41	3.68	4.19	0.77
2	60.18	60.48	3.91	4.42	1.04
3	88.7	89.1	5.49	6.15	2.14
4	114.07	114.53	6.02	6.73	3.05
6	168.0	168.56	7.11	7.97	5.37
8	218.7	219.46	8.18	9.17	8.11

LENGTH : 5.8 & 6 meters (Other lengths are available on request).

COLOUR : White.

SOCKET TYPE : Plain, Solvent cement (SC/J)
Non standard lengths & colours available on request.

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