

NileDrip Company

The Lifeline of Modern Agriculture

◆ Features of Global Pipes:

- 1** Global pipes are manufactured under an integrated quality system using the latest technologies according to standard specifications.
- 2** They are capable of withstanding various operating conditions when properly installed using suitable bedding and backfill. They possess sufficient flexibility, enabling them to resist bends caused by the movement of unstable soil types. This also makes them easy to install and eliminates the need for concrete foundations to prevent breakage.
- 3** Lighter in weight than traditional pipes used in the past, making them economical in transportation and requiring less labor for storage and installation.
- 4** They have a high capacity to withstand external static loads from soil layers and mechanical loads.
- 5** They have a high resistance to shocks and the likelihood of breakage during transportation and installation.
- 6** Produced from non-toxic raw materials, they do not affect the taste, color, or odor of water and do not allow the growth of bacteria or parasites, allowing them to be used in drinking water applications.
- 7** Being non-flammable, flames cannot spread along the pipe in case of fires due to their inherent flame resistance.
- 8** They have high resistance to almost all types of corrosion, whether chemical or electrochemical, such as acids, alkalis, oils, salt, moisture, etc.
- 9** They also serve as comprehensive insulation, making them ideal for passing electrical wires through.
- 10** They act as good heat insulation compared to other pipe systems. Therefore, they are ideal for transporting hot and cold fluids with low heat loss rates, thereby saving energy used in the heating process and reducing the costs of using thermal insulation.
- 11** Ease of installation, fixing, and maintenance due to their flexibility and lightweight nature.



■ Dimensions of Global UPVC Pipes according to German Standard DIN 8062 ■

The outer diameter (mm)	Socket Depth (mm)	The primary category 1 Bar		The second category 4 Bar		The third category 6 Bar		The fourth category 10 Bar		The fifth category 16 Bar	
		Wall thickness (mm)	Weight per meter (Kg)	Wall thickness (mm)	Weight per meter (Kg)	Wall thickness (mm)	Weight per meter (Kg)	Wall thickness (mm)	Weight per meter (Kg)	Wall thickness (mm)	Weight per meter (Kg)
25								1.5	0.174	1.9	0.212
32								1.8	0.264	2.4	0.342
40						1.8	0.334	1.9	0.35	3.0	0.525
50	75					1.8	0.422	2.4	0.552	3.7	0.809
63	100					1.9	0.562	3.0	0.854	4.7	1.29
75	110			1.8	0.642	2.2	0.782	3.6	1.22	5.6	1.82
90	110			1.8	0.774	2.7	1.13	4.3	1.75	6.7	2.61
110	115	1.8	0.95	2.2	1.16	3.2	1.64	5.3	2.61	8.2	3.90
125	120	1.8	1.08	2.5	1.48	3.7	2.13	6.0	3.34	9.3	5.01
140	125	1.8	1.21	2.8	1.84	4.1	2.65	6.7	4.18	10.4	6.27
160	132	1.8	1.39	3.2	2.41	4.7	3.44	7.7	5.47	11.9	8.17
180	145	1.8	1.57	3.6	3.02	5.3	4.37	8.6	6.88	13.4	10.40
200	145	1.8	1.74	4.0	3.70	5.9	5.37	9.6	8.51	14.9	12.80
225	152	1.8	1.96	4.5	4.70	6.6	7.76	10.8	10.80	16.7	16.10
250	160	2.0	2.40	4.9	5.65	7.3	8.31	11.9	13.20	18.6	19.90
280	170	2.3	3.11	5.5	7.11	8.2	10.40	13.4	16.60	20.8	24.90
315	180	2.5	3.78	6.2	9.02	9.2	13.20	15.0	20.90	23.4	31.50
355	180	2.9	4.88	7.0	11.40	10.4	16.70	16.9	26.50	26.3	39.90
400	200	3.2	6.10	7.9	14.50	11.7	21.10	19.1	33.70	29.7	50.80
450	200	3.6	7.65	8.9	18.30	13.2	26.80	21.5	42.70		
500	250	4.0	9.38	9.8	22.40	14.6	32.90	23.9	52.60		
560	260	4.5	11.80	11.0	28.10	16.4	41.40	26.7	65.80		
630	300	5.0	14.70	12.4	35.70	18.4	52.20	30.0	83.20		
710	320	5.7	18.90	14.0	45.30	20.7	66.10				
800	360	6.4	23.90	15.7	57.20	23.3	83.90				

◆ Global UPVC pipes vary according to the connection method



1 UPVC Pipes R-Type

This type of pipes is equipped from both ends, where one end is fitted with a rubber gasket to prevent water leakage under various operating pressures.



3 U-PVC Pipes U-Type

This method is suitable for pipes up to 63mm in size. For sizes larger than 63mm up to 200mm, they are customized according to the customer's preference. However, larger sizes often require special skills and typically require at least two people to efficiently complete the connection process.



2 UPVC Pipes Plan-Type

This type does not include any fittings and is produced according to customer requirements.

- **Length:**
6 meters or as per customer request.
- **Color:**
Gray or as per customer request.
- Larger sizes are manufactured according to customer requirements.

