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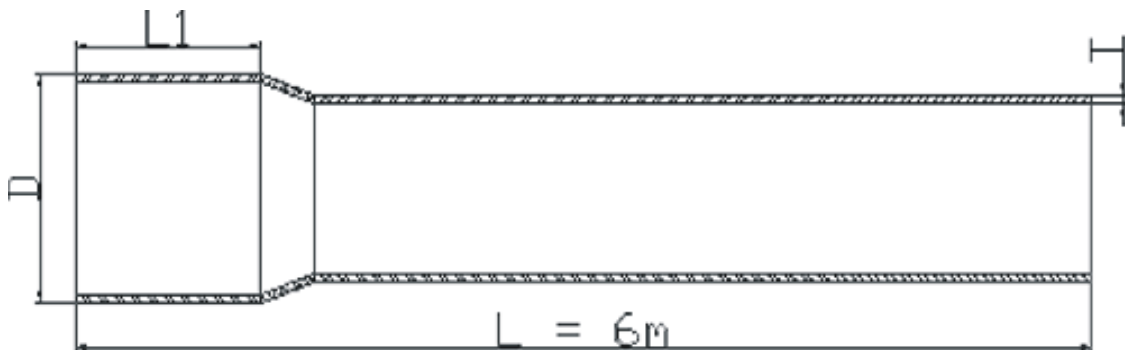
Plastics Piping System for Soil and Waste Discharge Within The Building Structure

1- UPVC Pipes:

This range of rigid Unplasticized Polyvinyl Chloride Pipe is intended for soil and waste discharge (both low and high temperature) and to be used above the ground, inside the building, or for components outside the buildings fixed to the wall (this is for B code).

As for D code, it is intended for use within 1m from the building where the pipes and fittings are buried in the ground and are connected to the underground drainage and sewerage system.

They are also perfect for ventilation pipe works and rainwater networks within the building structure under normal conditions and according to the latest European Standard EN 1329-1(2014).



i- Physical Characteristics:

Characteristic	Requirement	Test Method
Vicat Softening Temperature(VST)	$\geq 79^{\circ}\text{C}$	ISO 2507-1
Longitudinal Reversion	$\leq 5\% @ 150^{\circ}\text{C}$	EN ISO 2505: air
Resistance to Dichloromethane	No attack at any part	ISO 9852

Table 1

ii- Mechanical Characteristics:

Characteristic	Requirement	Test Method
Impact Resistance (Round the clock Method)	TIR $\leq 10\%$	ISO 3127
Internal Pressure	No failure during 1000Hrs testing period	EN ISO 1167-1 & EN ISO 1167-2

Table 2

iii- Dimensions:

Outside Diameter D (mm)	Wall Thickness T (mm)	Socket Length L1 (mm)	Socket Type
50	3,0	45	Solvent Cement
60	3,0	70	Solvent Cement
60	4,0	NA	NA
75	3,0	75	Solvent Cement
75	4,0	NA	NA
100	3,0	80	Solvent Cement
100	4,0	NA	NA
110	3,2	90	Solvent Cement
125	3,2	90	Solvent Cement
125	4,0	NA	NA
160	3,2	100	Solvent Cement
160	4,0	NA	NA
200	3,2	120	Solvent Cement
200	4,9	120	Solvent Cement
250	4,9	150	Solvent Cement
250	6,2	150	Solvent Cement

Our pipes are manufactured in full compliance with EN 1329-1 and they surpass the requirements of the standard. UPVC pipes have full immunity to all types of corrosion as well as excellent fluid flow characteristics. They are light and easily installed and maintained.

As for the dimensions and thicknesses available in our stock, they are provided in our product catalogue. Other sizes and thicknesses are also available upon request.

Colour: GREY RAL7037

Socket: Solvent Cement

UPVC Fittings:

The application area of our fittings is both within the building structure as well as underground having cement sockets.

The physical and mechanical properties are as follows:

Characteristic	Value
Vicat softening point	80°C±2
Specific Gravity	1.4±0.02
Shore-D-Hardness	79±2
Tensile Strength	59±5%(N/mm ²)
Elongation at Break	120±5%

Table 3

As for the various models and sizes, they are also provided in our full range product catalogue.