

**BETA<sup>®</sup>**  
PIPES

Our Commitment  
"Service & Quality"

*Your Home Veins*

Beta PVC-U  
**Soil, Waste &  
Vent Piping System**



[www.betapipes.com.pk](http://www.betapipes.com.pk)



# Beta PVC-U Soil, Waste & Vent Piping System

Beta SWV (Soil, Waste & Vent) is a complete piping system made of Unplasticized Polyvinyl chloride (PVC-U) compound. Beta SWV piping system is manufactured in conformity with BS 4514 and BS 5255.

Beta SWV innovative system has emerged as the most valuable piping system, especially in comparison to traditional and bulky Cast-Iron piping system. Its unrivalled quality and ultimate customer experience has made it popular amongst architects, consultants, engineers, installers and plumbing contractors.

## Fields of Applications

The Beta SWV system is used for all soil, waste and vent applications in residential and industrial buildings, such as sanitary systems, wastewater and rainwater.

## Range

Beta PVC-U Soil, Waste & Vent (SWV) pipes and fittings are available in diameter range from 32mm to 160mm. The pipes are available in standard length of 13 feet.

Nominal Size (mm)	Mean Outside Diameter (mm)		Minimum Wall Thickness (mm)
	Min.	Max.	
32	36.15	36.45	1.8
40	42.75	43.05	1.9
50	55.75	56.05	2.0
82	82.4	82.8	3.2
110	110.0	110.4	3.2
160	160.0	160.6	3.2

Note: Beta SWV piping system is available in white colour only.

## Features and Benefits:

High quality of finish with smooth internal (preventing the build up of deposits) and external surface.

Excellent resistance to chemicals found in domestic effluent.

Light weight of the system makes it easy to install.

A complete plastic system resistant to organic growth and corrosion, allowing high flow speeds of transported liquids.



It provides a reliable, efficient and durable connection.

Self-extinguishing

Remain stable under elevated temperature.

Extensive utilisation- wide range of fittings offers multiple solutions

## Quality Management:

Beta PVC-U pipes are inspected and tested by qualified Quality Control professionals in our state of the art laboratory for conformance to the specifications to ensure standardization of the supplied products as per national and international standards. The



scope of quality control tests ensures that the dimensional, mechanical, physical and chemical characteristics of the products conform to the relevant standard. In addition, we reinforce our quality control and quality assurance by having our products tested by reliable third party authorities.

## Installation

Being light weight, Beta PVC-U SWV piping system can be easily handled and installed without the use of sophisticated tools and techniques. Installation work can be done with efficient usage of labour in the least amount of time. It is very important to ensure that pipes and fittings are stored in shade and stacked as per the manufacturer's guidelines.

For jointing with solvent cement, both parts that are to be jointed must be initially cleaned using a priming fluid which not only cleanses the surface but also prepares for a reliable and durable joint. Follow it up by applying an even coating of solvent cement, using a brush provided with 'BETA solvent cement' to the inside of socket and on the spigot, then insert the pipe or fitting spigot fully into the socket. Remove excess of solvent cement with a dry clean cloth. It is important to note that this is not a gluing process; instead an adhesion mechanism achieved through the molecular bonding of resin solidification as and when the solvent evaporates.

The joint may be handled after 10 minutes and can be commissioned after 24 hours.

## Shafisons Engineering (Pvt.) Ltd.

Head office, 37-P Block, Model Town Extension, Lahore-Pakistan.

Ph: +92-42-35172409-11 Fax: +92-42-35172408

email: enquiries@betapipes.com.pk URL: www.betapipes.com.pk

Regional office, Islamabad: Ph: +92-51-2562496

Fax: +92-51-2802395, Email: islamabad@betapipes.com.pk