

eco



Quality  
Guaranteed

## The Complete PVC-U SWV Pipe System

*For efficient drainage of waste water and  
foul discharge in single or multi-storeyed buildings*

- ✓ Cost effective
- ✓ Highest quality imported fittings
- ✓ Unwavering commitment to quality and reliability
- ✓ Providing customers with outstanding pre and post sales support

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**DADEX**  
Over 50 years of excellence

# PVC-U SWV Pipe System

## Introduction

Eco is a complete soil, waste and vent (SWV) system made of unplasticised Polyvinyl Chloride (PVC-U) compound. It is a highly efficient and economical effluent discharge system for houses and buildings due to its excellent physical and chemical properties and ease of installation.

## Material

Unplasticised Polyvinyl Chloride (PVC-U)  
Eco pipes and fittings are white in color.

## Standards & Specifications

Eco pipes and fittings with solvent cement socket joints conform to the International Standard BS EN 1329, BS 4514.

## Features & Benefits

### **Low Flow Loss**

Smooth inside surface of Eco pipe system minimizes the build up of deposits resulting in exceptionally low friction. Eco pipe system ensures uninterrupted flow even after continuous use.

### **Non-Corrosiveness and Chemical Resistant**

Eco pipe system is non-corrosive and it is highly resistant to mineral acids, alkalis and aqueous salt solutions.

### **Light Weight**

Eco pipes are lightweight and easy to install.

### **Non-Conductor and Self - Extinguishing**

PVC -U is a non-conductor of electricity, is self-extinguishing and does not support combustion, so it is safe to use in houses, buildings, etc.

## Available Range

Eco pipes are available in nominal outside diameters of 2" (56mm), 3" (82mm), 4" (110mm), and 6" (160mm) in standard lengths of 3 & 4 meters.

There are two types of Eco pipes manufactured by Dadex:

- 1. Plain end with both ends plain.**
- 2. Bell end with one end socketed.**



Nominal Outside Diameter	Minimum Wall Thickness (mm)
2" (56mm)	3
3" (82mm)	3
4" (110mm)	3.2
6" (160 mm)	3.2

## Applications

Eco piping system is highly recommended for Soil, Waste and Vent (SWV) in the following:

- ✓ Bungalows
- ✓ Residential apartments
- ✓ Office buildings
- ✓ Schools
- ✓ Commercial buildings and plazas



### Maximum Spacing of Clamps for Eco Pipes

Nominal Outside Diameter	Distance Between Clamps for Horizontal Pipes (meters)	Distance Between Clamps for Vertical Pipes (meters)
2" (56mm)	0.5	1.2
3" (82mm)	1.0	1.8
4" (110mm)	1.0	1.8
6" (160mm)	1.2	1.8

## Joining Method

### Solvent Cement Jointing

For jointing pipe to pipe or pipe to fitting with solvent cement, both the parts that are to be joined must be dry and clean. Chamfer the pipe end and remove any dust or grease from both sides. Apply solvent cement using a paint brush on both the outside of spigot end and the inside of the socket, then insert the spigot end fully into the socket.

- Prior to insertion, mark the position of the socket edge with a pencil or felt tip pen on the pipe.
- Remove excess solvent cement with dry cloth. The joint may be handled after few minutes and can be tested/ commissioned after 24 hours.



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