

U-PVC-Drainage-System



Description of PVC-U drain Pipe

Donsen PVC-U drain pipe and fittings are manufactured in strict accordance with GB/T5836.1-2006 and GB/T5836.2-2006. We supply complete sets of PVC-U drain pipe and fittings which adopt solvent cement jointing. Base on the high quality and with our many years experience of supplying Donsen PVC-U drain pipe and fittings, our products are widely sold all over the world.

Feature

- Good aging resistance with normal lifetime up to 50 years.
- Good chemical resistance to acids, alkalis and salts, suitable for sewage and industrial effluent disposal.
- Low coefficient of friction of PVC-U pipe results in efficient flow and less needs for maintenance.
- A combustion-proof material at grade B2 with high oxygen value, self extinguishing.
- The Coefficient of linear expansion is 0.007mm/m. Thermal expansion of PVC-U pipe is less than polyolefin by 100%-130%, low thermal conductivity and elastic modulus, better cold-resistance than cast iron sewage pipe.
- Solvent cement jointing of pipe and fittings are easy to handle and install.

Application

- Internal and external discharge piping are widely used for industrial and civil high building.
- The continuous sewerage discharge temperature should not exceed 40°C, and the instantaneous sewerage discharge temperature should not exceed 80°C.



PVC-U Sewage Fitting



Specifications

| Nominal Diameter dn | Average Diameter (mm) | | Wall Thickness (mm) | |
|---------------------|-----------------------|---------|---------------------|--------|
| | dem_min | dem_max | em_min | em_max |
| 50 | 50.0 | 50.1 | 2.3 | 2.4 |
| 75 | 75.0 | 75.3 | 2.3 | 2.7 |
| 90 | 90.0 | 90.3 | 3.0 | 3.5 |
| 110 | 110.0 | 110.3 | 2.7 | 2.8 |
| 125 | 125.0 | 125.3 | 3.2 | 3.8 |
| 160 | 160.0 | 160.4 | 4.0 | 4.8 |
| 200 | 200.0 | 200.8 | 4.8 | 5.8 |



Spiral tee
Specification
Ø110
Ø110x50
Ø75

Spiral four-way
Specification
Ø110
Ø75

H Pipe
Specification
Ø110x75

45° Elbow
Specification
Ø160
Ø110
Ø75
Ø50



Coupling
Specification
Ø160
Ø110
Ø75
Ø50

90° Elbow
Specification
Ø110
Ø75
Ø50

90° Elbow with Door
Specification
Ø110
Ø75
Ø50

45° Elbow with Door
Specification
Ø110
Ø75
Ø50

PVC-U Sewage Fitting



Equal Tee coupling
Specification
Ø160
Ø110
Ø75
Ø50

45° Reduced Tee
Specification
Ø160x110
Ø110x75
Ø110x50
Ø75x50

Reduced Tee
Specification
Ø160x110
Ø110x75
Ø110x50
Ø75x50

Extension joint
Specification
Ø160
Ø110
Ø75
Ø50



Coupling with Door
Specification
Ø160
Ø110
Ø75
Ø50

Trap
Specification
Ø160
Ø110
Ø75
Ø50

Trap (S type) with door
Specification
Ø110
Ø75
Ø50

Eccentric Reducing Coupling
Specification
Ø160x110
Ø160x110
Ø110x75
Ø110x75
Ø110x50
Ø110x50



Trap (P type)
Specification
Ø110
Ø75
Ø50

Trap (P type) with door
Specification
Ø110
Ø75
Ø50

Floor leak (deodorization)
Specification
Ø110
Ø75
Ø50

Floor leak (balcony)
Specification
Ø110
Ø75
Ø50



Reducing Coupling
Specification
Ø160x110
Ø110x75
Ø110x50
Ø75x50

Pervious Cap
Specification
Ø160
Ø110
Ø75
Ø50

Pipe Clamp
Specification
Ø160
Ø110
Ø75
Ø50

Lift Clamp
Specification
Ø160
Ø110
Ø75
Ø50



45° Degree Y Junction
Specification
Ø160x160
Ø160x110
Ø160x110
Ø110x75
Ø110x75

Oblique cross
Specification
Ø110x110
Ø110x75

Stereo Double
Specification
Ø160
Ø110
Ø75
Ø50

Reducing cross
Specification
Ø110x75
Ø110x50
Ø75x50
Ø50x50



Pool joint
Specification
Ø50x50
Ø20x40

Bottle Shape Tee
Specification
Ø110x50

Clear door
Specification
Ø160
Ø110
Ø75
Ø50

Square Roof Drain
Specification
Ø160
Ø110x75
Ø110
Ø75