

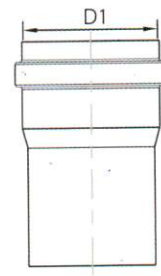
# ATLAS UPVC DRAINAGE SYSTEMS

## ABOVE GROUND UPVC DRAINAGE PIPES BS EN 1329 (Supercedes BS 5255 & BS 4514)

Atlas UPVC Drainage Pipes are manufactured as per the following dimensions:

### Above Ground Pipes : BS EN 1329-1 : 2000.

Sr.	Nominal Size DN / OD	Mean Outside Dia (D1)		Wall Thickness	
		Min	Max	Min	Max
1	32mm	32	32.2	3.0	3.5
2	36mm (1 1/4")	36.2	36.5	3.0	3.5
3	40mm	40	40.2	3.0	3.5
4	50mm	50	50.2	3.0	3.5
5	43mm (1 1/2")	42.8	43.1	3.0	3.5
6	56mm (2")	55.8	56.1	3.0	3.5
7	75mm(2 1/2")	75	75.3	3.0	3.5
8	82mm (3")	82	82.3	3.0	3.5
9	110mm (4")	110	110.3	3.2	3.8
10	160mm (6") B	160	160.4	3.2	3.8
11	160mm (6") BD	160	160.4	4.0	4.6
12	200mm (8") B	200	200.5	3.9	4.5
13	200mm (8") BD	200	200.5	4.9	5.6
14	250mm (10") B	250	250.5	4.9	5.6
15	250mm (10") BD	250	250.5	6.2	7.1





## ATLAS UPVC DRAINAGE FITTINGS

Atlas UPVC Drainage Fittings are available in two options: Push Fit Joints and Solvent Cement Joints

The fittings are available in Light Grey Colour matching the colour of the pipes. The fittings are manufactured as per UK BSI Kitemark standards.

### Push Fit Fittings

In the Push Fit Joints, the plain end of the pipes or spigot of the fittings can be joined to the push fit fittings using a suitable lubricant.

The Push Fit Joints have a unique sealing system using a retaining ring which includes a rubber ring made of EPDM rubber which offers reliable leak proof joints. This rubber ring takes care of thermal expansion and contraction in the drainage systems.

The Push Fit Fittings are easy to install and also easy to dismantle in case any adjustments are required to the system.

### Solvent Joints

These fittings are for solvent cement jointing. The plain end of the pipes or spigot end of the fittings can be easily joined with socket end of the fittings by applying a suitable solvent cement coat. The strong solvent welded bonds ensure an excellent chemical bonding, to withstand the pressure in the system.

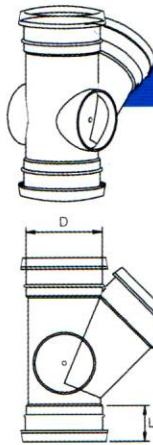
1 1/4" (36mm), 1 1/2" (43mm) & 2" (56mm) pipes and fittings are also available in mUPVC material.

### Mechanical and Physical Properties

Atlas UPVC Drainage Fittings are manufactured as per the following:

Sr.	Characteristics	Requirement	Testing Method
1	Effects of Heating	Depth of crack/delamination, blisters <50% wall thickness around injection point	EN 763 (Method A)
2	Vicat Softening Temperature (VST)	> 79°C	EN 727
3	Water Tightness	No leakage	EN 1053
4	Air Tightness	No leakage	EN 1054
5	Elevated Temperature Cycling (ETC)	No leakage	EN 1055
6	Resistance to Internal Pressure	No failure during the test period of 1000 hrs at 60°C, 6.3 Mpa	EN 921

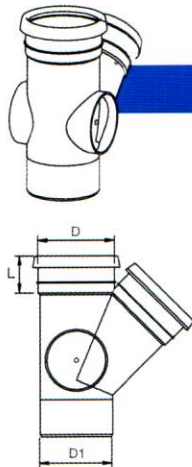
# ABOVE GROUND UPVC DRAINAGE FITTING BS EN 1329 (Supercedes BS 5255 & BS 4514)



**"Y" 45° Female / Female**

**Rubber Ring**

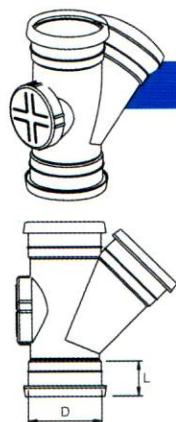
Size	D	DI	L
36mm (1 1/4")	36	-	25
40mm	40	-	27
50mm	50	-	31
43mm (1 1/2")	43	-	26
56mm (2")	56	-	28.5
75mm (2 1/2")	75	-	25
82mm (3")	82	-	26
110mm (4")	110	-	40
160mm (6")	160	-	60
200mm (8")	200	-	61



**"Y" 45° Male / Female**

**Rubber Ring**

Size	D	DI	L
36mm (1 1/4")	36	36.2	25
40mm	40	40	27
50mm	50	50	31
43mm (1 1/2")	43	43	26
56mm (2")	56	56	28.5
75mm (2 1/2")	75	75	25
82mm (3")	82	82	26
110mm (4")	110	110	40
160mm (6")	160	160	60
200mm (8")	200	200	61

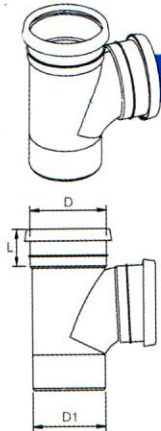


**"Y" 45° Female / Female Access Opening**

**Rubber Ring**

Size	D	DI	L
75mm (2 1/2")	75	-	25
82mm (3")	82	-	26
110mm (4")	110	-	40
160mm (6")	160	-	60
200mm (8")	200	-	61

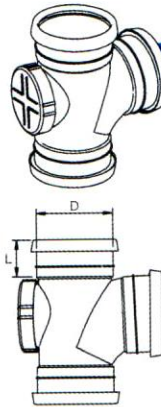
# ABOVE GROUND UPVC DRAINAGE FITTING BS EN 1329 (Supercedes BS 5255 & BS 4514)



**TEE 87.5° Male / Female**

**Rubber Ring**

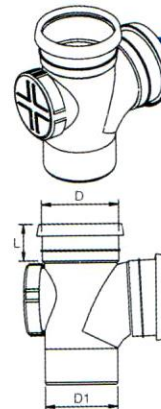
Size	D	DI	L
36mm (1 1/4")	36	36.2	25
40mm	40	40	27
50mm	50	50	31
43mm (1 1/2")	43	43	26
56mm (2")	56	56	28.5
75mm (2 1/2")	75	75	25
82mm (3")	82	82	26
110mm (4")	110	110	40
160mm (6")	160	160	60
200mm (8")	200	200	61



**TEE 87.5° Female / Female Access Opening**

**Rubber Ring**

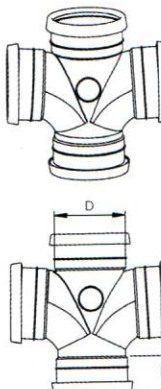
Size	D	DI	L
75mm (2 1/2")	75	-	25
82mm (3")	82	-	26
110mm (4")	110	-	40
160mm (6")	160	-	60
200mm (8")	200	-	61



**TEE 87.5° Male / Female Access Opening**

**Rubber Ring**

Size	D	DI	L
75mm (2 1/2")	75	75	25
82mm (3")	82	82	26
110mm (4")	110	110	40
160mm (6")	160	160	60
200mm (8")	200	200	61



**DOUBLE Tee 87.5° Female / Female**

**Rubber Ring**

Size	D	DI	L
82mm (3")	82	-	26
110mm (4")	110	-	40



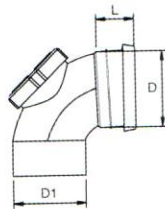
# ABOVE GROUND UPVC DRAINAGE FITTING BS EN 1329 (Supercedes BS 5255 & BS 4514)



### BEND 87.5° Male / Female Access Opening

#### Rubber Ring

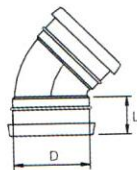
Size	D	DI	L
75mm (2 1/2")	75	75	25
82mm (3")	82	82	26
110mm (4")	110	110	40



### BEND 45° Female / Female

#### Rubber Ring

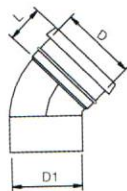
Size	D	DI	L
36mm (1 1/4")	36	-	25
40mm	40	-	27
50mm	50	-	31
43mm (1 1/2")	43	-	26
56mm (2")	56	-	28.5
75mm (2 1/2")	75	-	25
82mm (3")	82	-	26
110mm (4")	110	-	40
160mm (6")	160	-	60
200mm (8")	200	-	61



### BEND 45° Male / Female

#### Rubber Ring

Size	D	DI	L
36mm (1 1/4")	36	36.2	25
40mm	40	40	27
50mm	50	50	31
43mm (1 1/2")	43	43	26
56mm (2")	56	56	28.5
75mm (2 1/2")	75	75	25
82mm (3")	82	82	26
110mm (4")	110	110	40
160mm (6")	160	160	60
200mm (8")	200	200	61

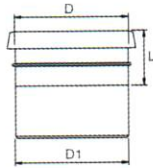


### COUPLER DOUBLE SOCKET

#### Rubber Ring

Size	D	DI	L
36mm (1 1/4")	36	-	25
40mm	40	-	28
50mm	50	-	30
43mm (1 1/2")	43	-	27
56mm (2")	56	-	30.5
75mm (2 1/2")	75	-	25
82mm (3")	82	-	26
110mm (4")	110	-	40
160mm (6")	160	-	60
200mm (8")	200	-	61

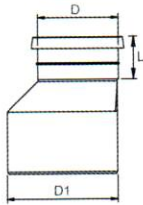




### COUPLER SINGLE SOCKET

#### Rubber Ring

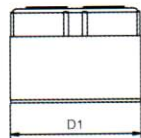
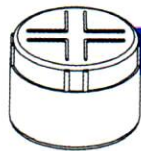
Size	D	DI	L
36mm (1 1/4")	36	-	25
40mm	40	-	28
50mm	50	-	30
43mm (1 1/2")	43	-	27
56mm (2")	56	-	30.5
75mm (2 1/2")	75	-	25
82mm (3")	82	-	26
110mm (4")	110	-	40
160mm (6")	160	-	60
200mm (8")	200	-	61



### LEVEL INVERTER TAPER

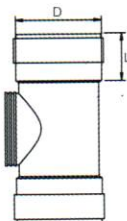
#### Rubber Ring

Size	D	DI	L
56x43mm (2 x 1 1/2")	56	43	27
75x50mm	75	50	40
82x56mm (3x2")	82	56	43
110x56mm (4x2")	110	56	43
110x75mm (4 x 2 1/2")	110	75	48
110x82mm (4x3")	110	82	48
160x110mm (6x4")	160	110	58
200x160mm (8x6")	200	160	60



### ACCESS PLUG & CAP

Size	D	DI	L
36mm (1 1/4")	-	36.2	-
40mm	-	40	-
50mm	-	50	-
43mm (1 1/2")	-	43	-
56mm (2")	-	56	-
75mm (2 1/2")	-	75	-
82mm (3")	-	82	-
110mm (4")	-	110	-
160mm (6")	-	160	-
200mm (8")	-	200	-



### ACCESS PIPE

#### Rubber Ring

Size	D	DI	L
75mm (2 1/2")	75	-	25
82mm (3")	82	-	26
110mm (4")	110	-	40
160mm (6")	160	-	42

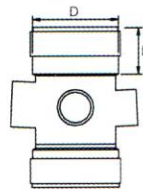
# ABOVE GROUND UPVC DRAINAGE FITTING BS EN 1329 (Supercedes BS 5255 & BS 4514)



## BOSS PIPE Female / Female

### Rubber Ring

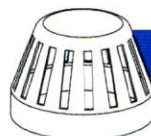
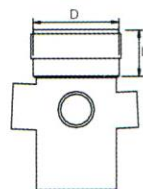
Size	D	DI	L
110mm (4")	110	-	40
160mm (6")	160	-	42



## BOSS PIPE Male / Female

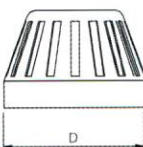
### Rubber Ring

Size	D	DI	L
110mm (4")	110	110	40
160mm (6")	160	160	42



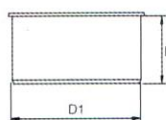
## VENT COWL

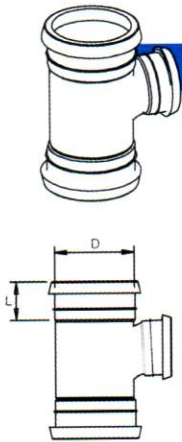
Size	D	DI	L
50mm	50	-	-
56 mm (2")	56	-	-
75mm (2 1/2")	75	-	-
82mm (3")	82	-	-
110mm (4")	110	-	-
160mm (6")	160	-	-



## REDUCER BUSH

Size	D	DI	L
50x 40	50	40	30
56x43mm ( 2 x 1 1/2")	56	43	27
56x32mm	56	32	27
75x50mm	75	50	40
75x40mm	75	40	40
82x56mm (3x2")	82	56	43
110x 56mm (4x2")	110	56	48
110x75mm (4 x 2 1/2")	110	75	48
110x 82mm (4x3")	110	82	48
160x110mm(6x4")	160	110	58
160x82mm(6x3")	160	82	58
160x75mm(6x2 1/2")	160	75	58

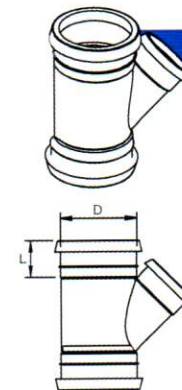




### REDUCER TEE

### Rubber Ring

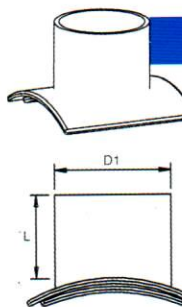
Size	D	DI	L
82x56mm (3x2")	82	-	43
110x 56mm (4x2")	110	-	48
110 x75mm ( 4 / 2 1/2")	110	-	48
110x 82mm (4x3")	110	-	48
160x82mm(6x3")	160	-	58
160x110mm(6x4")	160	-	58



### REDUCER Y

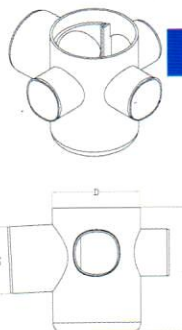
### Rubber Ring

Size	D	DI	L
110 x 75mm (4x2 1/2")	110	-	40
110 x 82mm (4x3")	110	-	43
160 x 110mm (6x4")	160	-	60



### PATCH BOSS ADAPTOR

Size	D	DI	L
110 x 56mm (4x2")	56	-	31
110 x 43mm (4x1 1/2")	43	-	21
160 x 56mm (6x2")	160	-	58



### Floor Trap

### Rubber Ring

Size	D	DI	L	Seal
110 x 82 x 56mm (4x3x2")	110	82 / 56	41	50 / 70
110 x 82 x 43mm (4x3x1 1/2")	110	82 / 43	41	50 / 70