

# AZUD PREMIER<sup>PC AS</sup>

Better technology, better uniformity, anti-siphon ability, also for gardening.

**DS** Technology  
Anti-clogging efficiency



## What it is

Multi-seasonal dripline with pressure-compensating anti-siphon bond-on emitter suitable for surface and subsurface drip irrigation in landscaping and professional gardening.

- Anti-siphon system.
- **DS Technology** applied to the labyrinth.
- **SILITEC** membrane.
- **ELIPSIS** chamber
- **H.E.X.** protection system.

## Application

- Professional surface and subsurface microirrigation for gardening.
- Landscaping projects in urban environments.
- Great sport areas.
- Theme parks.
- Highways, roads, motorways.
- Residential areas.

## Advantages

- Anti-siphon system (AS): It prevents the introduction of contaminants inside the emitter.
- Maximum resistance to clogging. The design of the labyrinth, with **DS Technology** and **H.E.X.** protection system, guarantees a high resistance to clogging.
- Higher pressure-compensating range. **SILITEC** membrane, manufactured in LSR, provides high dimensional, physical, chemical and mechanical accuracy, obtaining a uniform flow rate, high performance of the dripper and higher pressure-compensating range.
- A long life of high performance. **ELIPSIS** is a pressure-compensating chamber designed to the perfect combination together with the membrane, obtaining an optimum performance for a higher work interval not only in the compensation pressures but also in the remaining of its useful life.
- Guaranteed quality. AZUD applies to each dripper a technologically advanced quality control system that guarantees to 100% its performance.



# AZUD PREMIER<sub>PC AS</sub>

## AZUD PREMIER PC AS 16

Model	2.3L
Nominal flow	l/h gph
Inner diameter	mm "
Nominal thickness	mm mil
Maximum pressure	bar psi

ISO 9261

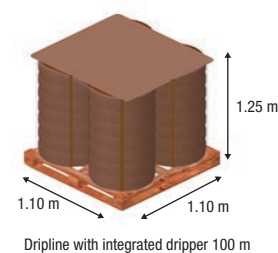
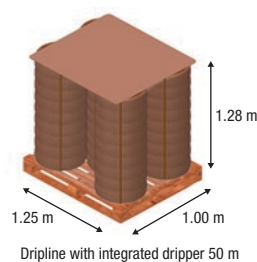
## AZUD PREMIER PC AS 16

Pressure		Dripline length					
		Spacing between emitters					
		0.33 m 13"		0.35 m 14"		0.50 m 20"	
(bar)	(psi)	(m)	(feet)	(m)	(feet)	(m)	(feet)
1	14.5	65	213	68	223	93	305
2	29	94	308	99	325	135	443
3	43.5	115	377	118	387	158	518
4	58	125	410	132	433	180	591

Slope 0%

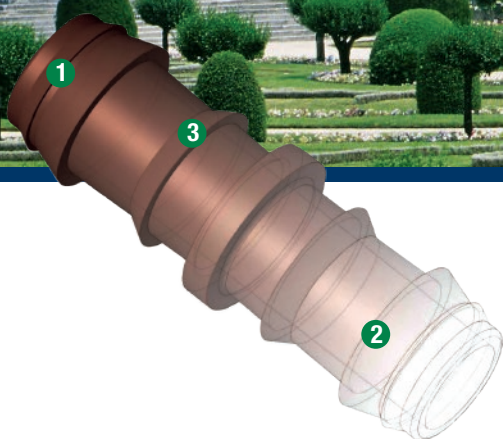
## AZUD PREMIER PC AS 16

Discharge Equation $q = K \cdot h^x$			Pressure
Model	q (l/h) - h (mca)	q (gph) - h (psi)	bar   psi
2.3L	$q = 2.2 \cdot h^0$	$q = 0.58 \cdot h^0$	0.5 - 4.0   7 - 58



## AZUD PREMIER PC AS 16

Ø16	Coil (m) (feet)	Pallet (m) (feet)	Coil / Pallet
Dripline with integrated dripper	50 164	(1.25 x 1.00 x 1.28) (4.10 x 3.28 x 4.20)	45
	100 328	(1.10 x 1.10 x 1.25) (3.61 x 3.61 x 4.10)	24



### 1 EASY INSTALLATION

The installation of pipe and fitting is fast and easy.

### 2 SAFETY

Maximum resistance to mechanical disconnection.

### 3 WATER - TIGHTNESS

Total guarantee of water-tightness independently of pressure working levels.

SAFETY FITTING



STRAIGHT CONNECTOR

PVC OFFTAKE CONNECTOR  
WITH GROMMET

DRIPLINE VALVE



TEE - CONNECTOR

WE ONLY RECOMMEND ACCESSORIES OFFICIALLY AUTHORISED BY AZUD, CHECK OUR RANGE OF AZUD FIT ACCESSORIES

# AZUD

The Culture of Water



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