

# AZUD PREMIER PC AS

The most sustainable solution for gardening



**DS**Technology  
Anti-clogging efficiency

## What it is.

**The most sustainable solution for gardening and landscaping:**

Dripline with integrated self-compensating and anti-suction flat emitter, suitable for subsurface drip irrigation.

H.E.X. protection system.

ELIPSIS chamber.

SILITEC membrane.

Anti-clogging **DS TECHNOLOGY** labyrinth.

Anti-roots **PIR** system.

## Application.

Landscaping projects in urban environments.

Great sport areas.

Theme parks.

Highways, roads, motorways.

Residential areas.

## Advantages.

**Drippres always protected:**

Self-cleaning H.E.X. filtration system, for a surface and in-depth solid particles retention.

**Greatest performance & lifespan in the system:**

The ELIPSIS chamber is a specific housing where the membrane is placed, in order to guarantee its maximum performance.

**Uniform flow rate guaranteed throughout its useful life:**

The elliptical-shaped injected membrane is free-of-movement and dynamic, which guarantees a precision, reliable and durable pressure-compensated operation.

**Maximum strength against clogging, certified:**

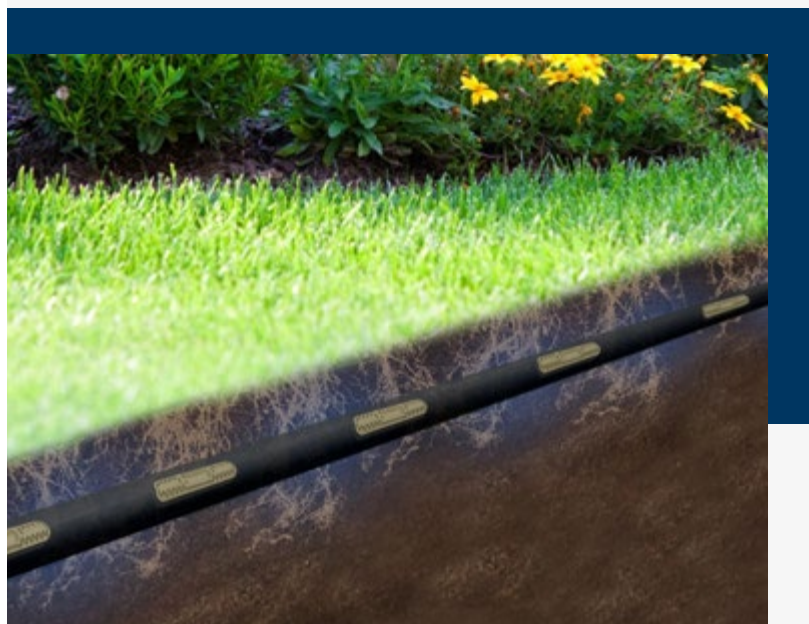
The self-cleaning labyrinth DS Technology is made up by elliptical cavities that prevent solid particles deposits.

**Higher protection against root intrusion:**

The PIR system consist on a combination of both experience physical protections that hinder the root intrusion.

**AS anti-suction mechanism for Subsurface Drip Irrigation (SDI):**

It prevents the suction of particles from the outside to the inside of the emitter when irrigation is finished.



# Technical Data

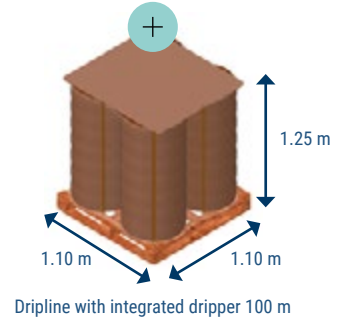
AZUD PREMIER PC AS 16		
Model		2.3L
Nominal flow	l/h   gph	2.30   0.61
Inner diameter	mm   in	13.9   0.55
Nominal thickness	mm   mil	1.2   47
Maximum pressure	bar   psi	4.0   58

ISO 9261

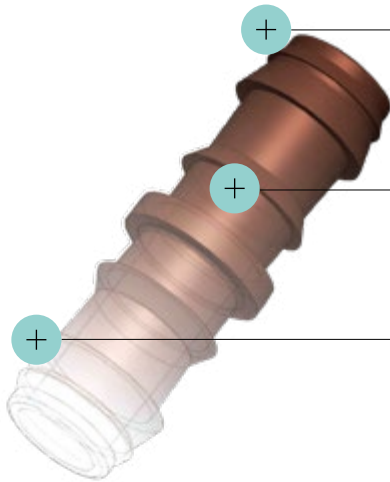
AZUD PREMIER PC AS 16								
Pressure		Dripline length*						
		Spacing between emitters*						
		0.33 m 13"		0.35 m 14"		0.50 m 20"		
(bar)	(psi)	(m)	(feet)	(m)	(feet)	(m)	(feet)	
1	14.5	65	213	67	220	93	305	
2	29	94	308	98	322	135	443	
3	43.5	111	364	117	384	160	525	
4	58	124	407	131	423	180	591	

Slope 0%

AZUD PREMIER PC AS 16		Discharge Equation AZUD PREMIER $q = K \cdot h^x$		Pressure compensated	
Model		q (l/h) - h (mca)	q (gph) - h (psi)	bar	psi
AZUD PREMIER PC AS	2.3L	$q = 2.30 \cdot h^0$	$q = 0.61 \cdot h^0$	0.5 - 4.0	7 - 58



AZUD PREMIER PC AS						
Ø16	Coil		Pallet		Coil / Pallet	
	(m)	(feet)	(m)	(feet)		
Dripline with integrated dripper	100	328	(1.10 x 1.10 x 1.25)	(3.61 x 3.61 x 4.10)	24	



### EASY INSTALLATION

The installation of pipe and fitting is fast and easy.

### SAFETY

Maximum resistance to mechanical disconnection.

### WATER - TIGHTNESS

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



We only recommend accessories officially authorised by AZUD, check our range of azud fit accesories

SAFETY FITTING



STRAIGHT CONNECTOR



PVC OFFTAKE CONNECTOR WITH GROMMET



DRIPLINE VALVE



TEE - CONNECTOR