

# AZUD PREMIER PC AS

The most sustainable solution for gardening regenerated water usage.



## What it is

Multi-seasonal dripline with integrated pressure-compensating and anti-siphon emitter, suitable for reclaimed water irrigation in landscaping and gardening. The purple colour allows to:

- Identify the origin and quality of the water.
- Warn about the risks of the reclaimed water.
- Complete opacity, which avoids the algae growth.

## Application

- Use of reclaimed water in subsurface drip irrigation.
- Landscape projects in urban areas, employing recycled water.
- Theme parks, sport and residential areas irrigation, using recycled water.
- Highways and roadsides irrigation, using recycled water.

## 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 PC AS

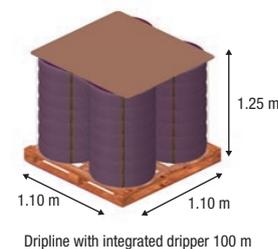
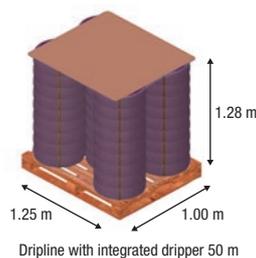
AZUD PREMIER PC AS 16		
Model		2.3L
Nominal flow	l/h	2.20
	gph	0.58
Inner diameter	mm	13.9
	"	0.55
Nominal thickness	mm	1.2
	mil	47
Maximum pressure	bar	4.0
	psi	58

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	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 compensated
Model	q (l/h) - h (mca)	q (gph) - h (psi)	bar   psi
2.3L	$q = 2.20 \cdot h^0$	$q = 0.58 \cdot h^0$	0.5 - 4.0   7 - 58



AZUD PREMIER PC AS 16						
Ø16	Coil		(m)	Pallet		Coil / Pallet
	(m)	(feet)		(feet)	(feet)	
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