AZUD PREMIER PC AS

The most sustainable solution for gardening

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.

www.azud.com

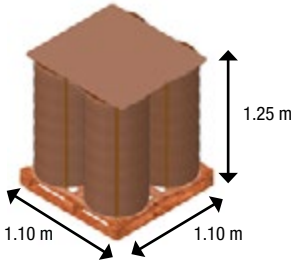
AZUD PREMIER PC AS 16		
Model		2.3L
Nominal flow	l/h | gph	2.30 | 0.61
Inner diameter	mm | in	13.9 | 0.55
Nominal thickness	mm | mil	1.2 | 47
Maximum pressure	bar | psi	4.0 | 58

ISO 9261

AZUD PREMIER PC AS 16		Dripline length*					
Pressure		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



Dripline with integrated dripper 100 m

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

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 ACESSORIES OFFICIALLY AUTHORISED BY AZUD, CHECK OUR RANGE OF AZUD FIT ACCESORIES

AZUD
The Culture of Water

SISTEMA AZUD, S.A.
Avda. de las Américas P. 6/6 - Pol. Ind. Oeste
30820 ALCANTARILLA - MURCIA - SPAIN

Apdo. 147 • 30169 SAN GINÉS - MURCIA - SPAIN
Tel.: +34 968 808402 • Fax: +34 968 808302
For further information visit our website azud.com