

AZUD PREMIER

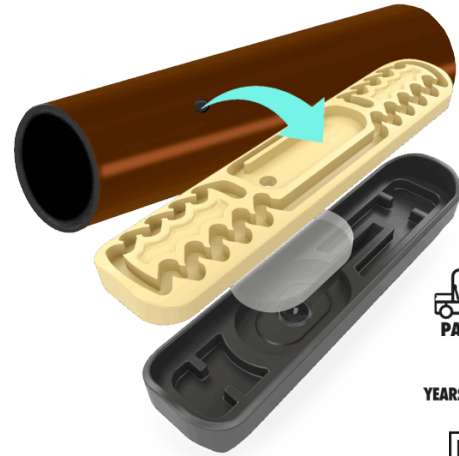
— Garden —

Heavywall thickness dripline with integrated pressure-compensating and anti-siphon (PC AS) and/or anti-drain (CNL/HCNL) flat dripper

Ideal for poor water quality and/or reclaimed water.

Technical characteristics

- **Expected useful life:** More than 10 years
- **Dripper type:** Integrated self-compensating
- **Functionality:** PC AS, CNL/HCNL
- **Topography:** Uneven terrain, flat terrain
- **Type of installation:** Sub-surface and on subface
- **Colores:** Black, brown, brown purple stripe and purple
- **Formato bobina:** 50 m, 100 m y 400 m



Unique selling points



Anti-clogging

Patented self-cleaning DS TECHNOLOGY labyrinth with wide flow passages
Large particle retention area in the HEX three-dimensional filter



Uniformity

Constant flow and very low CV thanks to the injected floating SILITEC membrane
Stable and precise self-compensation with the ELIPSIS chamber, minimizing mechanical stress on the membrane



Anti-roots

Root-intrusion delaying effect through the PIR physical barrier
Root repellent effect with the copper oxide chemical barrier (AZUD PREMIER CU version)



Reliability

Only manufacturer certified in accordance with ISO 9261. Guaranteed performance and quality, backed by a 6-year warranty
High impact resistance, UV protection, and resistance to irrigation chemicals

Features

Model	Functionality	Benefit	Ideal for
PC	Pressure-compensating	It ensures uniform distribution of flow and nutrients throughout the entire system across a wide range of pressures	Irrigation on uneven terrain
PC AS	Pressure-compensating and anti-siphon	Ensures uniform flow and nutrient distribution throughout the system and prevents particles from entering the emitter in subsurface drip irrigation applications	Sub-surface drip irrigation
CU	Pressure-compensating and anti-siphon or anti-drain	It contains copper oxide integrated into the dripper, a technology that remains active throughout the product's lifespan without being washed away, worn down, or leached out, acting as a root-repellent barrier	Sub-surface drip irrigation with extra root protection

Dripper technical data

Functionality	Dripper	Nominal flow rate	Filtration area	K	X	Pressure-compensating range	Shut off pressure	Recommended filtration degree
		l/h	mm ²			bar	bar	micron
PC AS	1L	1,00	153	1,00	0	0.5 - 4		130
	1.6L	1,60	153	1,60	0	0.5 - 4		130
	2L	2,00	153	2,00	0	0.5 - 4		130
	2.3L	2,30	153	2,30	0	0.5 - 4		130
	3L	3,00	153	3,00	0	0.5 - 4		130
	3.5L	3,50	153	3,50	0	0.5 - 4		130
CNL	1L	1,00	153	1,00	0	1 - 4	0,14	130
	1.6L	1,60	153	1,60	0	1 - 4	0,14	130
	2.4L	2,35	153	2,35	0	1 - 4	0,14	130
	3.6L	3,60	153	3,60	0	1 - 4	0,14	130
HCNL	1.3L	1,30	153	1,30	0	1.5 - 4	0,25	130
	2L	2,00	153	1,95	0	1.5 - 4	0,25	130
	3L	3,00	153	2,95	0	1.5 - 4	0,25	130
	4.5L	4,45	153	4,45	0	1.5 - 4	0,25	130

AZUD manufacturing standard in accordance with ISO 9261

Dripline technical data

Model	Inner diameter	Thickness	Max. Pressure	KD
	mm	mm	bar	
16	13,9	1,1	4	1,6
	13,9	1,2	4	1,6

Available colors: Black - Brown - Brown with purple stripe - Purple

Maximum dripline length (m)

Functionality	Model	Dripper	Distance between drippers (m)			
			0.3	0.33	0.35	0.5
PC AS	16	1L	176	191	201	276
		1.6L	129	141	148	203
		2L	111	121	128	176
		2.3L	101	111	116	160
		3L	85	93	98	135
		3.5L	77	84	88	122
CNL	16	1L	162	177	186	255
		1.6L	119	130	136	188
		2.4L	92	101	106	146
		3.6L	70	76	80	110
HCNL	16	1.3L	124	135	142	194
		2L	95	103	108	149
		3L	72	79	82	114
		4.5L	55	60	63	87

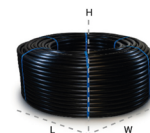
Slope: 0%

*Inlet pressure: 3 bar / 58 psi

*Minimum pressure at the last dripper in the lateral: 0.5 bar / 7 psi (PC AS) - 1 bar / 14.5 psi (CNL) - 1.5 bar / 21.7 psi (HCNL)

It is recommended to design the installation with branch lengths less than 800 meters / 2,625 feet.

For longer branch lengths, please consult our AZIS hydraulic calculation program at www.azud.com



Logistics data

Sales format	Model	Thickness	Coil Length	Coils/Pallet	Coils/container 40'HC	Coils/truck 81m ³	Bobinas/Camión 81m ³
		mm	m				
In bulk	16	1,1	Bobina	400	-	384	432
	16	1,2	Bobina	400	-	384	432
Palletized	16	1,2	Bobina	50	45	*	*
	16	1,2	Bobina	100	24	960	1.056

*Consult AZUD

Related products

**AZUD GREENTEC
ACCESORIES**

**AZUD HELIX
AUTOMATIC 200**

AZUD FIT PLUS

Recomendamos accesorios homologados por AZUD, consulte nuestra gama de accesorios y complementos AZUD FIT PLUS