

AZUD GENIUN

–Garden–

Heavywall irrigation dripline with integrated pressure-compensating and anti-suction flat dripper (PC AS).

Ideal for maximizing return on investment in irrigation systems.

Technical characteristics

- **Expected useful life:** More than 8 years
- **Dripper type:** Integrated self-compensating
- **Functionality:** PC AS
- **Topography:** Uneven terrain, flat terrain
- **Type of installation:** Sub-surface and on surface
- **Roll format:** 100 m y 400 m
- **Colors:** Black and brown



Valores diferenciales



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



Anti-roots

Root-intrusion delaying effect through the ARS physical barrier



Reliability

Only manufacturer certified in accordance with ISO 9261. Guaranteed performance and quality, backed up to 5 years warranty depending on model

High impact resistance, UV protection, and resistance to irrigation chemicals

Dripper technical data

| Functionality | Dripper | Nominal flow rate | Filtration area | K | X | Pressure-compensating range | Recommended filtration degree |
|---------------|---------|-------------------|-----------------|------|---|-----------------------------|-------------------------------|
| | | l/h | mm ² | | | bar | micron |
| PC AS | 1L | 1,00 | 56 | 1,00 | 0 | 0.4 - 4.0 | 130 |
| | 1.6L | 1,60 | 56 | 1,60 | 0 | 0.4 - 4.0 | 130 |
| | 2L | 2,00 | 56 | 2,00 | 0 | 0.4 - 4.0 | 130 |
| | 3.8L | 3,80 | 56 | 3,80 | 0 | 0.4 - 4.0 | 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 | 0,72 |
| | 13,9 | 1,2 | 4 | 0,72 |

Available colors: Black - Brown



Maximum dripline length (m)

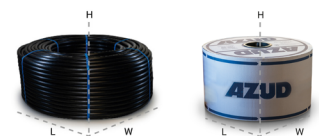
| Model | Dripper | Inlet pressure | Thickness | Distance between drippers (m) | | | |
|-------|---------|----------------|-----------|-------------------------------|------|------|-----|
| | | bar | mm | 0.3 | 0.33 | 0.35 | 0.5 |
| 16 | 1L | 3 | 1.1 - 1.2 | 212 | 230 | 241 | 323 |
| | 1.6L | 3 | 1.1 - 1.2 | 156 | 169 | 177 | 238 |
| | 2L | 3 | 1.1 - 1.2 | 135 | 146 | 153 | 206 |
| | 3.8L | 3 | 1.1 - 1.2 | 89 | 96 | 102 | 136 |

Slope: 0%

Pressure at the last dripper in the lateral line: 0.4 bar.

For longer branch line lengths, please consult our AZUD AZIS hydraulic calculation program at azis.azud.com and on the mobile apps.

Designing with branch line lengths of less than 800 meters is recommended due to improved filling time and cleaning efficiency.



Logistics data

| Sales format | Model | Thickness | Packaging | Coil Length | Coils/Pallet | Coils/container 40'HC | Coils/truck 81m ³ |
|--------------|-------|-----------|-----------|-------------|--------------|-----------------------|------------------------------|
| | | mm | | m | | | |
| In bulk | 16 | 1,1 | Bobina | 400 | - | 384 | 432 |
| | 16 | 1,2 | Bobina | 400 | - | 384 | 432 |
| Palletised | 16 | 1,2 | Bobina | 100 | 24 | 960 | 1.056 |

Related products



AZUD GREENTEC
ACCESORIES



AZUD PREMIER
GARDEN



AZUD FIT PLUS



We recommend accessories approved by AZUD, see our range of accessories and COMPLEMENTS AZUD FIT PLUS