UNITED IRRIGATION TECHNOLOGIES
المتحدة لتكنولوجيا الري

# SUBDRIP

## ANTI-SIPHON PC DRIPLINE - SUBSURFACE IRRIGATION



مجلس أبوظبي للجودة والمطابقة
Abu Dhabi Quality & Conformity Council

صنع في الإمارات
MADE IN THE EMIRATES

Web: www.uitpipes.ae
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# SUBDRIP
## Anti-Siphon PC Dripline

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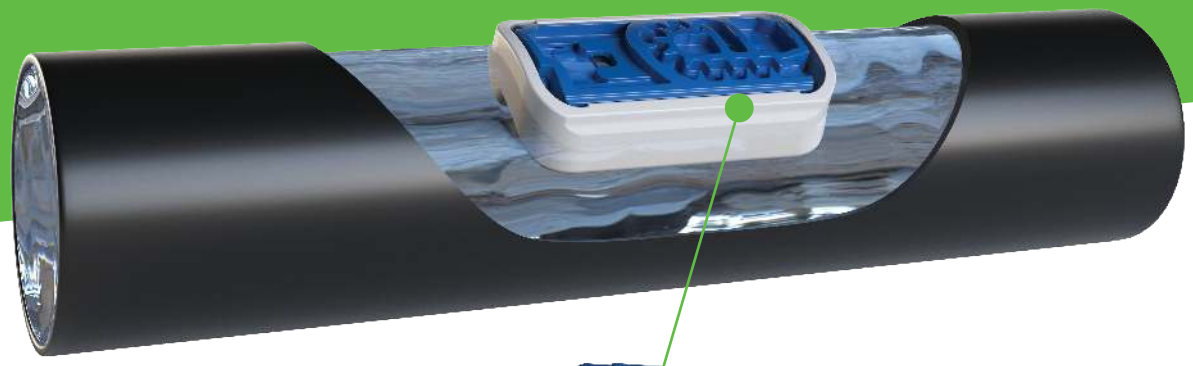
## Especially Designed for Sub-Surface Drip Irrigation Applications

SUBDRIP excels with its integrated anti-siphon system, crucial for preventing the suction of sand or soil particles into the dripper mechanism. This feature ensures uninterrupted operation and reliability by maintaining clear water passages, thereby safeguarding against potential clogging or damage that could compromise irrigation efficiency.

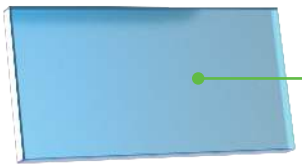
Landscaping | Orchards | Row Crops







Self-Flushing PC Labyrinth



Chemical-Resistant Silicone Diaphragm



Inlet Filter with Anti-siphon Barrier

- ☑ Dripper Flow Rates 0.8 / 1.0 / 1.2 / 1.6 / 2.1 / 3.4 l/h
- ☑ Dripline Diameters 16 / 17 / 20 / 22 / 25 mm
- ☑ Recommended Filtration 120 Mesh / 130 Micron
- ☑ Dripline Wall Thickness 0.6 - 1.2 mm
- ☑ Durable under harsh conditions
- ☑ Pressure regulating silicone diaphragm
- ☑ Anti-siphon system to prevent soil and particle entry
- ☑ Special labyrinth water passageway system to minimize clogging risk

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UIT
United Irrigation Technologies

# SUBDRIP
## Technical Data

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### SUBDRIP 2.1 LPH

| Drip Line Nominal Diameter (mm) | Wall Thickness (mm) | Min. Operating Pressure (Bar) | Max. Operating Pressure (bar) | Slope (%) | Max Run Length (m) at Dripper Spacing (cm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 15 | 20 | 30 | 40 | 50 | 60 | 75 | 100 |
| 16 mm | 0.9 | 1.0 | 3.0 | -2 | 85 | 107 | 146 | 181 | 214 | 244 | 273 | 353 |
| | | | | -1 | 84 | 105 | 143 | 177 | 208 | 236 | 264 | 338 |
| | | | | 0 | 83 | 103 | 140 | 172 | 201 | 227 | 265 | 321 |
| | | | | 1 | 82 | 102 | 136 | 166 | 194 | 218 | 252 | 303 |
| | | | | 2 | 80 | 100 | 133 | 161 | 187 | 209 | 240 | 285 |
| 16 mm | 1.0 | 1.0 | 4.0 | -2 | 97 | 122 | 167 | 207 | 244 | 278 | 311 | 401 |
| | | | | -1 | 96 | 121 | 164 | 203 | 238 | 271 | 302 | 387 |
| | | | | 0 | 95 | 119 | 161 | 198 | 232 | 263 | 306 | 371 |
| | | | | 1 | 94 | 117 | 158 | 194 | 226 | 255 | 295 | 355 |
| | | | | 2 | 93 | 116 | 155 | 189 | 219 | 247 | 284 | 339 |
| 16 mm | 1.10 | 1.0 | 4.2 | -2 | 97 | 122 | 167 | 207 | 244 | 278 | 311 | 401 |
| | | | | -1 | 96 | 121 | 164 | 203 | 238 | 271 | 302 | 387 |
| | | | | 0 | 95 | 119 | 161 | 198 | 232 | 263 | 306 | 371 |
| | | | | 1 | 94 | 117 | 158 | 194 | 226 | 255 | 295 | 355 |
| | | | | 2 | 93 | 116 | 155 | 189 | 219 | 247 | 284 | 339 |

### SUBDRIP 3.4 LPH

| Drip Line Nominal Diameter (mm) | Wall Thickness (mm) | Min. Operating Pressure (Bar) | Max. Operating Pressure (bar) | Slope (%) | Max Run Length (m) at Dripper Spacing (cm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 15 | 20 | 30 | 40 | 50 | 60 | 75 | 100 |
| 16 mm | 0.9 | 1.0 | 3.0 | -2 | 65 | 81 | 110 | 135 | 158 | 180 | 200 | 257 |
| | | | | -1 | 65 | 80 | 108 | 132 | 155 | 175 | 195 | 249 |
| | | | | 0 | 53 | 67 | 93 | 116 | 138 | 158 | 186 | 228 |
| | | | | 1 | 52 | 66 | 92 | 114 | 135 | 154 | 180 | 219 |
| | | | | 2 | 52 | 65 | 90 | 112 | 132 | 149 | 174 | 209 |
| 16 mm | 1.0 | 1.0 | 4.0 | -2 | 71 | 89 | 121 | 150 | 177 | 202 | 225 | 289 |
| | | | | -1 | 70 | 88 | 120 | 148 | 174 | 197 | 221 | 282 |
| | | | | 0 | 60 | 77 | 107 | 134 | 159 | 182 | 215 | 263 |
| | | | | 1 | 60 | 76 | 106 | 132 | 157 | 178 | 20 | 255 |
| | | | | 2 | 59 | 76 | 105 | 130 | 154 | 175 | 204 | 247 |
| 16 mm | 1.10 | 1.0 | 4.2 | -2 | 71 | 89 | 121 | 150 | 177 | 202 | 225 | 289 |
| | | | | -1 | 70 | 88 | 120 | 148 | 174 | 197 | 221 | 282 |
| | | | | 0 | 60 | 77 | 107 | 134 | 159 | 182 | 215 | 263 |
| | | | | 1 | 60 | 76 | 106 | 132 | 157 | 178 | 20 | 255 |
| | | | | 2 | 59 | 76 | 105 | 130 | 154 | 175 | 204 | 247 |


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# SUBDRIP
## Dripline Features

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- Anti-Siphon Technology prevents contaminates from Entering the dripper. Ideal for sub-surface applications.
- Contains an inlet filter with Anti-Siphon Barrier in addition to a Chemical-Resistant Silicone Diaphragm.
- Continuously Self – Flushes all particulates via a PC Labyrinth with one of the largest filters in the industry.
- Various wall thicknesses available (e.g., 0.9, 1.0, 1.1 mm).
- Injected dripper with very low CV (<5%) and with an injected silicon diaphragm.
- High UV Resistance and meets the ISO 9261 Standard.
- Protects against root intrusion without needing chemicals via a unique design, creating engineered physical barriers.
- Ensures high performance under harsh water conditions and prevents root entry into dripper's labyrinth.
- Equal amount of water delivered by the drippers, ensuring 100% uniformity of water along the laterals.
- Long -lasting, flexible tubing that is resistant to chemicals and UV radiation



## CODE | Select Your Dripline



**SUBDRIP - WW - XX - YY - ZZ**

- WW: Nominal Diameter
- XX: Wall Thickness
- YY: Flowrate
- ZZ: Dripper Spacing

**HOW TO ORDER**
**SUBDRIP-16-11-21-50**

Different dripper spacings and flowrates are available upon request.

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IAS ACCREDITED
ISO 14001:2015
ISO 45001:2018
ISO 9001:2015

## CONTACT US


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