UNITED IRRIGATION TECHNOLOGIES
المتحدة لتكنولوجيا الري

# OASIS

## HEAVY-DUTY PRESSURE COMPENSATING DRIPLINE



مجلس أبوظبي للجودة والمطابقة
Abu Dhabi Quality & Conformity Council

صنع في الإمارات
MADE IN THE EMIRATES

Web: www.uitpipes.ae
Email: info@scigt.ae
+971(2) 444 2202

# OASIS
## Heavy Duty PC Dripline

UNITED IRRIGATION TECHNOLOGIES
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## Especially Designed For Harsh Water Conditions

Oasis stands out by providing an exceptionally wide water labyrinth pathway system, providing the dripline with superior performance against harsh water conditions. This is further supported by a large clog-resistant inlet filter. Oasis has been successfully utilized in the MENA climate for years with excellent feedback and durability.

Landscaping | Orchards | Row Crops





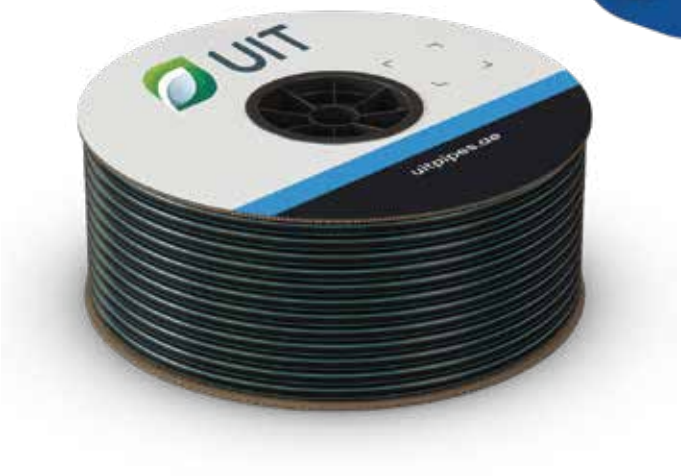
Self-Flushing PC Labyrinth



Chemical-Resistant Silicone Diaphragm



Large Inlet Filter




- ☑ Dripper Flow Rates 1.0 /1.2 /1.6 /2.1 /2.3 /3.5 /3.8 l/h
- ☑ Dripline Diameters 16 / 17 / 20 / 22 / 25mm
- ☑ Recommended Filtration 120 mesh / 130 micron
- ☑ Dripper Spacing 20, 30, 40, 50, 60, 80, 100cm
- ☑ Dripline Wall Thickness 0.6mm-1.2mm
- ☑ Pressure regulating silicone diaphragm
- ☑ Durable under very harsh water & chemical conditions
- ☑ Extra wide labyrinth water passageways for turbulent flow
- ☑ ADQCC Approved

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**Al 'Eed 5 Street, Abu Dhabi Industrial City, ICAD III, United Arab Emirates**

UIT
United Irrigation Technologies

# OASIS
## Technical Data

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### OASIS 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 | 0.5 | 3.5 | -2 | 71 | 92 | 133 | 170 | 206 | 240 | 288 | 363 |
| | | | | -1 | 70 | 91 | 131 | 168 | 202 | 234 | 280 | 352 |
| | | | | 0 | 70 | 91 | 129 | 164 | 197 | 229 | 272 | 339 |
| | | | | 1 | 69 | 90 | 127 | 161 | 193 | 222 | 263 | 325 |
| | | | | 2 | 69 | 89 | 125 | 158 | 188 | 217 | 255 | 312 |
| 16 mm | 1.0 | 0.5 | 4.0 | -2 | 75 | 97 | 140 | 179 | 216 | 252 | 302 | 381 |
| | | | | -1 | 74 | 96 | 138 | 177 | 213 | 247 | 295 | 370 |
| | | | | 0 | 74 | 95 | 136 | 174 | 208 | 241 | 287 | 357 |
| | | | | 1 | 73 | 94 | 134 | 171 | 204 | 235 | 279 | 345 |
| | | | | 2 | 73 | 93 | 133 | 168 | 200 | 230 | 270 | 332 |
| 16 mm | 1.1 | 0.5 | 4.2 | -2 | 75 | 97 | 140 | 179 | 216 | 252 | 302 | 381 |
| | | | | -1 | 74 | 96 | 138 | 177 | 213 | 247 | 295 | 370 |
| | | | | 0 | 74 | 95 | 136 | 174 | 208 | 241 | 287 | 357 |
| | | | | 1 | 73 | 94 | 134 | 171 | 204 | 235 | 279 | 345 |
| | | | | 2 | 73 | 93 | 133 | 168 | 200 | 230 | 271 | 332 |

### OASIS 3.8 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 | 0.5 | 3.5 | -2 | 51 | 66 | 95 | 121 | 146 | 170 | 204 | 256 |
| | | | | -1 | 50 | 65 | 94 | 120 | 144 | 167 | 200 | 251 |
| | | | | 0 | 49 | 64 | 93 | 118 | 141 | 164 | 196 | 243 |
| | | | | 1 | 49 | 64 | 91 | 116 | 139 | 161 | 191 | 236 |
| | | | | 2 | 49 | 63 | 90 | 115 | 137 | 158 | 187 | 229 |
| 16 mm | 1.0 | 0.5 | 4.0 | -2 | 53 | 69 | 99 | 128 | 154 | 178 | 214 | 270 |
| | | | | -1 | 53 | 69 | 98 | 126 | 152 | 176 | 211 | 264 |
| | | | | 0 | 52 | 68 | 97 | 124 | 149 | 173 | 206 | 257 |
| | | | | 1 | 52 | 68 | 96 | 123 | 147 | 170 | 202 | 250 |
| | | | | 2 | 52 | 67 | 95 | 121 | 145 | 167 | 198 | 244 |
| 16 mm | 1.1 | 0.5 | 4.2 | -2 | 53 | 69 | 99 | 128 | 154 | 178 | 214 | 270 |
| | | | | -1 | 53 | 69 | 98 | 126 | 152 | 176 | 211 | 264 |
| | | | | 0 | 52 | 68 | 97 | 124 | 149 | 173 | 206 | 257 |
| | | | | 1 | 52 | 68 | 96 | 123 | 147 | 170 | 202 | 250 |
| | | | | 2 | 52 | 67 | 95 | 121 | 145 | 167 | 198 | 244 |


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# OASIS
## Dripline Features

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- Great protection against particulate clogging and root intrusion without any chemicals
- Large clogging resistant inlet filter supported by a pressure regulating chemically resistant silicone diaphragm
- Continuously Self–flushes all particulates via a PC Labyrinth with one of the largest filters in the industry.
- Wall thickness available (0.90, 1.00, 1.10 mm).
- High UV resistant. Meets ISO 9261 Standards.
- ADQCC Approved.
- Injected dripper, very low CV with injected silicon diaphragm.
- Ensures high performance under harsh water conditions and chemical applications.
- Equal amount of water delivered from the drippers, ensuring 100% uniformity of water along the laterals.

## CODE | Select Your Dripline



**OASIS - WW - XX - YY - ZZ**

- Nominal Diameter
- Wall Thickness
- Flowrate
- Dripper Spacing

**HOW TO ORDER**
**OASIS-16-11-38-50**

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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