

ClickTif HD



Heavy Duty Pressure-Compensating (PC) & Compensating Non-Leakage (CNL) Button Dripper

Taper lock outlet

Barb outlet 3/5



APPLICATIONS

- Heavy Duty range of drippers and accessories in various configurations
- For greenhouses, nurseries, orchards and landscapes
- For pulse irrigation and irrigation in soilless conditions
- Prevents surplus drainage in low places (CNL model)

STRUCTURE AND FEATURES

- Four dripper design elements minimize clogging:
 - Protected water inlet
 - Flushing mechanism of regulating diaphragm
 - Strong turbulent flow in labyrinth with continual cleaning and flushing
 - Large water passages
- Color-coded for identification of discharge and model
- Standard 5 mm tapered outlet for working with connectors or barb outlet for 3/5 tube
- Chemical-resistant, high-grade plastic for precision and durability
- Two models available: PC and CNL (Compensating Non-Leakage)
- Unique “sharp edge” CNL design prevents dirt accumulation and ensures reliable operation under difficult conditions

TECHNICAL DATA

- Nominal discharge: 1.3, 2.0, 3.0, 4.0, 8.0, 12.0 l/h
- Regulating pressure range: 1.0-4.0 bar
- CV: less than 4%
- Minimum recommended pressure 1.0 Bar
- Non-Leakage (CNL): - Opening pressure: 8.0 m
- Closing pressure: 3.0 m

COLOR CODE



Maximum recommended lateral length (m) on flat ground*

| Dripper flow rate (l/h) | Inlet pressure (m) | Dripper Spacing (cm) | | | | | | | |
|-------------------------|--------------------|----------------------|-----|-----|-----|-----------------|-----|-----|-----|
| | | ø 16 -ID-13.6mm | | | | ø 20 -ID-17.4mm | | | |
| | | 30 | 50 | 75 | 100 | 30 | 50 | 75 | 100 |
| 1.3 | 15 | 117 | 165 | 215 | 265 | 175 | 250 | 330 | 390 |
| | 20 | 149 | 210 | 280 | 340 | 225 | 320 | 425 | 500 |
| | 25 | 171 | 245 | 320 | 390 | 260 | 371 | 485 | 500 |
| | 30 | 190 | 270 | 355 | 430 | 289 | 410 | 500 | 500 |
| 2.0 | 15 | 88 | 125 | 164 | 200 | 133 | 191 | 250 | 305 |
| | 20 | 112 | 160 | 210 | 255 | 170 | 245 | 321 | 385 |
| | 25 | 130 | 185 | 242 | 295 | 198 | 280 | 370 | 445 |
| | 30 | 143 | 205 | 270 | 325 | 217 | 310 | 410 | 495 |
| 3.0 | 15 | 67 | 100 | 131 | 160 | 106 | 152 | 202 | 245 |
| | 20 | 90 | 127 | 168 | 203 | 138 | 196 | 260 | 314 |
| | 25 | 102 | 147 | 190 | 236 | 160 | 227 | 300 | 364 |
| | 30 | 115 | 163 | 215 | 260 | 176 | 252 | 332 | 403 |
| 4.0 | 15 | 56 | 80 | 105 | 125 | 85 | 115 | 150 | 195 |
| | 20 | 72 | 102 | 134 | 162 | 110 | 153 | 203 | 248 |
| | 25 | 83 | 118 | 155 | 188 | 126 | 176 | 236 | 287 |
| | 30 | 91 | 130 | 170 | 207 | 140 | 195 | 261 | 318 |
| 8.0 | 15 | 37 | 53 | 70 | 82 | 57 | 82 | 104 | 131 |
| | 20 | 48 | 68 | 89 | 106 | 74 | 105 | 137 | 167 |
| | 25 | 55 | 77 | 102 | 125 | 85 | 120 | 160 | 193 |
| | 30 | 61 | 85 | 113 | 137 | 94 | 133 | 176 | 213 |
| 12.0 | 15 | 29 | 41 | 54 | 65 | 45 | 63 | 82 | 100 |
| | 20 | 37 | 52 | 68 | 83 | 57 | 81 | 106 | 128 |
| | 25 | 42 | 60 | 79 | 96 | 66 | 94 | 122 | 148 |
| | 30 | 47 | 67 | 88 | 106 | 73 | 105 | 135 | 165 |

* Minimum pressure at lateral end: 1.0 bar

Lateral length exceeding 500 m is not recommended

ClickTif HD Accessories

Drop guide



Catalog no.
802870

Elbow labyrinth stake



Catalog no.
802850

Straight labyrinth stake



Catalog no.
802800



Stabilizer stake



Catalog no.
6466040000



2, 4, 8 outlets with flow control stakes

DROP GUIDE

Use as single outlet for drop guide

LABYRINTH STAKE

Can be used as an independent dripper or to stabilize flow rate at multiple outlets

Flow rate vs. Pressure - Pointer Stake

| | | | | |
|-----------------|-----|-----|-----|-----|
| Pressure (bar) | 0.5 | 1.0 | 1.5 | 2.0 |
| Flow rate (l/h) | 1.5 | 2.0 | 2.5 | 3.0 |

When working with multiple outlets:

1. Use labyrinth stakes to improve uniformity
2. Minimum recommended working pressure: 1 bar
3. Maximum recommended flow per outlet: 2.0 l/h
4. Minimum recommended flow per outlet:
 - Flat surface and uniform tube length - 0.5 l/h
 - On a slope or uneven elevation - 1.0 l/h

Recommended combinations:

| Number of outlets | Dripper flow rate l/h | | | | | |
|-------------------|-----------------------|---|---|---|---|----|
| | 1.3 | 2 | 3 | 4 | 8 | 12 |
| 2 | ● | ● | ● | ● | - | - |
| 3 | - | ● | ● | ● | - | - |
| 4 | - | ● | ● | ● | ● | - |
| 5 | - | - | ● | ● | ● | - |
| 6 | - | - | ● | ● | ● | ● |

- Only on flat surface and with uniform tube length
- For all conditions, including slopes and uneven elevations

2.5 mm Punch

Special design for comfortable punching and inserting of ClickTif drippers



Catalog no.
897284

3/5 Connectors



Catalog no.
802908



Catalog no.
802920



Catalog no.
802940

Multi-level connectors



Catalog no.
802928



Catalog no.
802948

3/5 PVC or PE extension tube stabilizer stake

