



**eXXtreme
TAPE**

Light dripline with continuous labyrinth with inlet continuous double filter

eXXtreme tape is the continuous labyrinth dripline which, other than maintaining all the characteristics of IrritecTape, guarantees excellent filtering performance even if used with “difficult” water thanks to the presence of an inlet double continuous filter designed with the exclusive Irritec patented system.

Characteristics and advantages

- The continuous double filter allows excellent uniformity of supply and wetting even in the event of water with a high quantity of solid particles.
- Ideal for very close plantation density and on sandy and highly draining ground, thanks to the possibility of drip points with reduced spacing.
- It is the result of a unique extrusion process, avoiding problems linked to welding.
- Excellent resistance to traction.
- The outlet is manufactured with laser cutting to reduce solid particle intrusion.
- Excellent resistance to pressure peaks, even on minimum thicknesses.
- The particular design of the labyrinth allows very long lengths to be obtained with maximum uniformity.
- Excellent filtration capacity: this amplifies the range of fertilisers used, including water soluble ones.
- The four green stripes identify the side of the outlet holes for correct laying.
- Reduced phytopathological problems as the foliage is kept dry.

Excellent for “difficult” water

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EXXTREME TAPE

PATENTED

LIGHT DRIPLINE WITH CONTINUOUS LABYRINTH
WITH INLET CONTINUOUS DOUBLE FILTER

Field of application



Open field crops



Crops protected underground



Dripper characteristics

| Actual flow rate lph a 0,7 bar / 10 psi | Recommended filtering Mesh | Flow Equation | |
|--|-------------------------------|---------------|------|
| | | k | x |
| 0,60 | 120 | 0,23 | 0,50 |
| 0,90 | 120 | 0,34 | 0,50 |
| 1,20 | 120 | 0,44 | 0,50 |

Characteristics of the incorporated filter

| Spacing cm | | Inlet filter | | Continuous double filter, per metre of tube | |
|------------|------|----------------------|-----------|---|-----------|
| cm | inch | area mm ² | no. holes | area mm ² | no. holes |
| 7,5 | 3 | 2,2 | 20 | 254 | 2.120 |
| 10 | 4 | 3,3 | 30 | 254 | 2.120 |
| 15 | 6 | 5,5 | 50 | 254 | 2.120 |
| 20 | 8 | 14,9 | 136 | 254 | 2.120 |
| 30 | 12 | 16,5 | 150 | 254 | 2.120 |

Dripline technical data

| Nominal internal Ø mm | inch | Ø internal mm | Ø external mm | Pricelist ref. - | Thickness | | Working pressure | | | | | |
|--------------------------|------|------------------|------------------|---------------------|-----------|-------|------------------|---------|---------|----------|---------|----------|
| | | | | | mil | mm | cons. | min. | max. | cons. | min. | max. |
| 16 | 5/8 | 16,1 | 16,4 | FND506 | 6 | 0,150 | 0,6 bar | 0,3 bar | 0,7 bar | 8,7 psi | 4,3 psi | 10,1 psi |
| | | | 16,5 | FND508 | 8 | 0,200 | 0,7 bar | 0,3 bar | 1,0 bar | 10,1 psi | 4,3 psi | 14,5 psi |
| | | | 16,6 | FND510 | 10 | 0,250 | 0,7 bar | 0,3 bar | 1,0 bar | 10,1 psi | 4,3 psi | 14,5 psi |
| | | | 16,7 | FND512 | 12 | 0,300 | 0,7 bar | 0,3 bar | 1,0 bar | 10,1 psi | 4,3 psi | 14,5 psi |
| 22 | 7/8 | 22,3 | 22,7 | FND708 | 8 | 0,200 | 0,6 bar | 0,3 bar | 0,7 bar | 8,7 psi | 4,3 psi | 10,1 psi |
| | | | 22,8 | FND710 | 10 | 0,250 | 0,7 bar | 0,3 bar | 1,0 bar | 10,1 psi | 4,3 psi | 14,5 psi |
| | | | 22,9 | FND712 | 12 | 0,300 | 0,7 bar | 0,3 bar | 1,0 bar | 10,1 psi | 4,3 psi | 14,5 psi |



Lengths recommended in metres, based on E.U.

| Q lph | E.U. % | EXXTREME TAPE 16 mm | | | | | |
|----------|-----------|---------------------|-----|-----|-----|-----|-----|
| | | Spacing cm | | | | | |
| | | 7,5 | 10 | 15 | 20 | 30 | 40 |
| 0,60 | 90 | - | - | - | 177 | 230 | 277 |
| | 80 | - | - | - | 220 | 285 | 343 |
| 0,90 | 90 | 73 | 91 | 116 | 142 | 181 | 221 |
| | 85 | 90 | 113 | 143 | 176 | 224 | 274 |
| 1,20 | 90 | 61 | 75 | 101 | 117 | 153 | 185 |
| | 85 | 75 | 91 | 125 | 144 | 189 | 229 |

| Q lph | E.U. % | EXXTREME TAPE 22 mm | | | | | |
|----------|-----------|---------------------|-----|-----|-----|-----|-----|
| | | Spacing cm | | | | | |
| | | 7,5 | 10 | 15 | 20 | 30 | 40 |
| 0,60 | 90 | - | - | - | 312 | 404 | 484 |
| | 80 | - | - | - | 366 | 500 | 600 |
| 0,90 | 90 | 128 | 160 | 204 | 249 | 316 | 388 |
| | 85 | 158 | 199 | 253 | 309 | 391 | 480 |
| 1,20 | 90 | 107 | 131 | 177 | 208 | 268 | 324 |
| | 85 | 132 | 162 | 219 | 257 | 332 | 400 |

E.U.= emission uniformity
• Inbound pressure= 0,7 bar

SPACE FOR SAMPLE

Sample: eXXtreme Tape™ 16mm - 6mil



GFDGEN103AZ0190

Irritec S.p.A.
Via Gambitta Conforto, C.da S. Lucia - 98071 Capo d'Orlando (Me) - Italy
Tel. +39 0941922111 - Fax +39 0941958807 - irritec@irritec.com

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