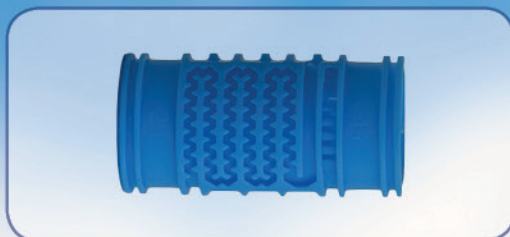


# GOLD-DRIP<sup>®</sup>

## HEAVYWALL DRIP LINE

  
MADE IN ITALY



**PLASTIC-PUGLIA**  
*Irrigation Systems* ITALY

since 1967

### MICROIRRIGATION SYSTEM

SUITABLE FOR LONG TERM IRRIGATION SYSTEMS  
ON FLAT GROUNDS AND SLOPES ONE

**COLLECTION OF SAMPLES**

# GOLD-DRIP®

**GOLD-DRIP®** is a drip line with turbulent flow cylindrical emitters suitable for long term irrigation systems such as vineyards, olive groves, fruit trees, hedges, flower-beds and ornamental gardens.

**GOLD-DRIP®** is available in the following three models:

**SUPER** advanced and economical model with short emitter fit for flat grounds

**F6** long emitter model with six-hole outlet for a better water supply on sandy lands

**PC** pressure compensating emitter model for grounds with hard slopes

## TECHNICAL FEATURES

| <b>GOLD-DRIP®</b>            | <b>SUPER</b>             |                          | <b>F6</b>                | <b>PC</b>            |
|------------------------------|--------------------------|--------------------------|--------------------------|----------------------|
| Nominal diameter             | 16 mm                    | 20 mm                    | 16 - 20 mm               |                      |
| Wall thickness               | <b>40 mil</b><br>1,00 mm | <b>45 mil</b><br>1,10 mm | <b>45 mil</b><br>1,10 mm |                      |
| Internal diameter D/16 mm    | 14,00 mm                 | -                        | 13,80                    |                      |
| Internal diameter D/20 mm    | -                        | 17,80                    | 17,80                    |                      |
| Max working pressure D/16 mm | 3,50 bar                 | -                        | 4,00 bar                 |                      |
| Max working pressure D/20 mm | -                        | 3,50 bar                 | 3,50 bar                 |                      |
| Nominal flow rate            | 2,0 - 4,0 - 8,0* l/h     |                          | 2,0 - 4,0 l/h            | 1,5* - 2,0 - 4,0 l/h |
| Dripper spacing              | 20 ÷ 100 cm              |                          |                          |                      |
| Reel length D/16 mm          | 400 m                    |                          |                          |                      |
| Reel length D/20 mm          | 300 m                    |                          |                          |                      |
| Recommended filtration       | 120 mesh - 130 micron    |                          |                          |                      |

\* 8,0 l/h available only for SUPER model diam. 20 mm / \* 1,5 l/h available only for PC model diam. 16 mm

## FLOW RATE-PRESSURE RELATION

| DIAMETER 16 mm |                       |      |           |      |           |      |      |
|----------------|-----------------------|------|-----------|------|-----------|------|------|
| Pressure bar   | Nominal flow rate l/h |      |           |      |           |      |      |
|                | 2,00                  | 4,00 | 2,00      | 4,00 | 1,50      | 2,00 | 4,00 |
| 0,5            | 1,45                  | 2,50 | 1,40      | 2,70 | 1,50      | 1,95 | 3,60 |
| 1,0            | 2,10                  | 3,90 | 2,10      | 4,00 | 1,55      | 2,00 | 4,10 |
| 1,5            | 2,60                  | 4,80 | 2,60      | 4,90 | 1,60      | 2,05 | 4,20 |
| 2,0            | 3,00                  | 5,50 | 3,10      | 5,80 | 1,65      | 2,10 | 4,25 |
| 2,5            | 3,45                  | 6,10 | 3,50      | 6,40 | 1,65      | 2,10 | 4,30 |
| 3,0            | 3,75                  | 6,70 | 3,80      | 7,00 | 1,60      | 2,05 | 4,25 |
|                | <b>SUPER</b>          |      | <b>F6</b> |      | <b>PC</b> |      |      |

| DIAMETER 20 mm |                       |      |           |      |           |      |      |
|----------------|-----------------------|------|-----------|------|-----------|------|------|
| Pressure bar   | Nominal flow rate l/h |      |           |      |           |      |      |
|                | 2,00                  | 4,00 | 8,00      | 2,00 | 4,00      | 2,00 | 4,00 |
| 0,5            | 1,40                  | 2,65 | 5,20      | 1,50 | 2,50      | 1,90 | 3,85 |
| 1,0            | 2,05                  | 4,15 | 7,70      | 2,20 | 3,80      | 1,95 | 3,95 |
| 1,5            | 2,55                  | 4,70 | 8,90      | 2,65 | 4,40      | 2,00 | 4,05 |
| 2,0            | 2,95                  | 5,50 | 10,20     | 3,05 | 5,10      | 2,05 | 4,10 |
| 2,5            | 3,40                  | 6,20 | 11,70     | 3,45 | 5,65      | 2,05 | 4,10 |
| 3,0            | 3,70                  | 6,80 | 12,80     | 3,80 | 6,20      | 2,00 | 4,05 |
|                | <b>SUPER</b>          |      | <b>F6</b> |      | <b>PC</b> |      |      |



## EMITTER FEATURES

| GOLD-DRIP® | Diameter | Nominal flow rate | Labyrinth size |          | Inlet filter area |            | Filtration | Flow equation |      | CV    | Dripper colour |
|------------|----------|-------------------|----------------|----------|-------------------|------------|------------|---------------|------|-------|----------------|
|            | mm       |                   | l/h            | depth mm | width mm          | num. holes |            | area mm²      | k    |       |                |
| SUPER      | 16       | 2,00              | 0,90           | 0,90     | 6                 | 6,0        | 120        | 0,66          | 0,50 | < 3,0 | Light Blue     |
|            |          | 4,00              | 1,30           | 1,20     | 6                 | 7,0        | 100        | 1,13          | 0,50 | < 3,0 | Purple         |
|            | 20       | 2,00              | 1,10           | 1,10     | 7                 | 7,0        | 120        | 0,80          | 0,50 | < 3,0 | Light Blue     |
|            |          | 4,00              | 1,30           | 1,30     | 7                 | 9,0        | 100        | 1,20          | 0,48 | < 3,0 | Purple         |
|            |          | 8,00              | 1,60           | 1,60     | 10                | 15,0       | 100        | 2,35          | 0,48 | < 3,0 | Brown          |
| F6         | 16       | 2,00              | 1,00           | 1,30     | 10                | 10,0       | 120        | 0,69          | 0,50 | < 3,0 | Light Blue     |
|            |          | 4,00              | 1,30           | 1,30     | 10                | 10,0       | 100        | 1,32          | 0,50 | < 3,0 | Purple         |
|            | 20       | 2,00              | 1,20           | 1,20     | 7                 | 10,0       | 120        | 0,80          | 0,50 | < 3,0 | Light Blue     |
|            |          | 4,00              | 1,40           | 1,50     | 14                | 19,0       | 100        | 1,20          | 0,48 | < 3,0 | Purple         |
| PC         | 16       | 1,50              | 1,00           | 0,80     | 12                | 3,6        | 150        | 1,51          | 0,02 | < 4,0 | Orange         |
|            |          | 2,00              | 1,10           | 0,80     | 12                | 3,6        | 120        | 2,06          | 0,02 | < 4,0 | Light Blue     |
|            |          | 4,00              | 1,30           | 1,10     | 12                | 3,6        | 120        | 3,65          | 0,02 | < 4,0 | Green          |
|            | 20       | 2,00              | 1,25           | 0,80     | 12                | 3,6        | 120        | 2,10          | 0,02 | < 4,0 | Light Blue     |
|            |          | 4,00              | 1,30           | 1,30     | 12                | 3,6        | 120        | 3,55          | 0,03 | < 4,0 | Green          |



## PACKAGING

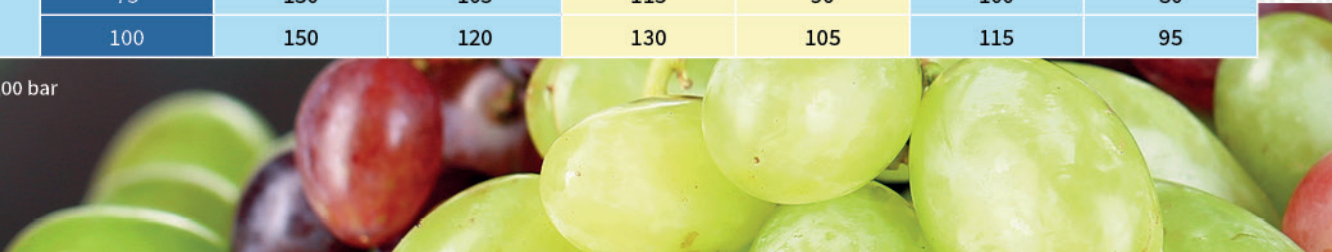
| GOLD-DRIP®      | Nominal diameter | Coil dimension   | Pallet dimension | Coils per pallet | Coils per container |     |     |       |
|-----------------|------------------|------------------|------------------|------------------|---------------------|-----|-----|-------|
|                 | mm               |                  |                  |                  | cm                  | cm  | pc  | 20 ft |
| SUPER - F6 - PC | 16               | Ø 80,5<br>h 29,0 | BULK             |                  | 168                 | 344 | 387 | 441   |
| SUPER - F6 - PC | 20               | Ø 87,0<br>h 34,0 | BULK             |                  | 124                 | 257 | 304 | 339   |



## RECOMMENDED LATERAL LENGTH (m) RELATED TO EMISSION UNIFORMITY (EU%)

| GOLD-DRIP®        |                    |    | SUPER |     |     |     |     |     |
|-------------------|--------------------|----|-------|-----|-----|-----|-----|-----|
| Diameter<br>16 mm | Dripper<br>spacing |    | Slope |     |     |     |     |     |
|                   |                    |    | -1%   |     | 0%  |     | 1%  |     |
|                   | cm                 | EU | 85%   | 90% | 85% | 90% | 85% | 90% |
| 2,00 l/h          | 30                 |    | 148   | 118 | 139 | 111 | 109 | 83  |
|                   | 40                 |    | 182   | 149 | 148 | 135 | 126 | 95  |
|                   | 50                 |    | 216   | 178 | 196 | 157 | 140 | 105 |
|                   | 60                 |    | 241   | 198 | 220 | 177 | 146 | 108 |
|                   | 75                 |    | 280   | 230 | 258 | 206 | 210 | 155 |
|                   | 100                |    | 330   | 270 | 310 | 248 | 260 | 200 |
| 4,00 l/h          | 30                 |    | 102   | 80  | 88  | 70  | 74  | 55  |
|                   | 40                 |    | 120   | 95  | 107 | 85  | 84  | 62  |
|                   | 50                 |    | 136   | 110 | 124 | 100 | 100 | 75  |
|                   | 60                 |    | 150   | 120 | 137 | 112 | 108 | 85  |
|                   | 75                 |    | 185   | 150 | 163 | 130 | 120 | 95  |
|                   | 100                |    | 220   | 190 | 196 | 158 | 145 | 110 |

| GOLD-DRIP®        |                    |    | SUPER |     |     |     |     |     |
|-------------------|--------------------|----|-------|-----|-----|-----|-----|-----|
| Diameter<br>20 mm | Dripper<br>spacing |    | Slope |     |     |     |     |     |
|                   |                    |    | -1%   |     | 0%  |     | 1%  |     |
|                   | cm                 | EU | 85%   | 90% | 85% | 90% | 85% | 90% |
| 2,00 l/h          | 30                 |    | 250   | 200 | 216 | 174 | 170 | 120 |
|                   | 40                 |    | 304   | 243 | 266 | 211 | 210 | 160 |
|                   | 50                 |    | 350   | 279 | 307 | 245 | 250 | 180 |
|                   | 60                 |    | 391   | 312 | 345 | 277 | 290 | 200 |
|                   | 75                 |    | 430   | 350 | 400 | 322 | 340 | 250 |
|                   | 100                |    | 500   | 410 | 484 | 387 | 400 | 300 |
| 4,00 l/h          | 30                 |    | 185   | 150 | 173 | 139 | 135 | 100 |
|                   | 40                 |    | 230   | 185 | 213 | 169 | 173 | 130 |
|                   | 50                 |    | 260   | 210 | 246 | 196 | 205 | 160 |
|                   | 60                 |    | 290   | 235 | 276 | 222 | 220 | 180 |
|                   | 75                 |    | 350   | 300 | 320 | 258 | 260 | 205 |
|                   | 100                |    | 430   | 360 | 387 | 310 | 300 | 240 |
| 8,00 l/h          | 30                 |    | 80    | 65  | 68  | 55  | 48  | 35  |
|                   | 40                 |    | 88    | 70  | 75  | 59  | 55  | 40  |
|                   | 50                 |    | 100   | 80  | 85  | 70  | 65  | 50  |
|                   | 60                 |    | 115   | 95  | 100 | 80  | 80  | 65  |
|                   | 75                 |    | 130   | 105 | 115 | 90  | 100 | 80  |
|                   | 100                |    | 150   | 120 | 130 | 105 | 115 | 95  |





## RECOMMENDED LATERAL LENGTH (m) RELATED TO EMISSION UNIFORMITY (EU%)

| GOLD-DRIP®        |                    |    | F6    |     |     |     |     |     |
|-------------------|--------------------|----|-------|-----|-----|-----|-----|-----|
| Diameter<br>16 mm | Dripper<br>spacing |    | Slope |     |     |     |     |     |
|                   |                    |    | -1%   |     | 0%  |     | 1%  |     |
|                   | cm                 | EU | 85%   | 90% | 85% | 90% | 85% | 90% |
| 2,00 l/h          | 30                 |    | 130   | 100 | 100 | 79  | 80  | 60  |
|                   | 40                 |    | 160   | 125 | 125 | 100 | 105 | 85  |
|                   | 50                 |    | 170   | 140 | 149 | 118 | 125 | 105 |
|                   | 60                 |    | 190   | 160 | 171 | 136 | 140 | 120 |
|                   | 75                 |    | 230   | 195 | 201 | 161 | 165 | 140 |
|                   | 100                |    | 270   | 245 | 248 | 198 | 200 | 170 |
| 4,00 l/h          | 30                 |    | 90    | 70  | 67  | 53  | 55  | 40  |
|                   | 40                 |    | 105   | 85  | 83  | 67  | 70  | 55  |
|                   | 50                 |    | 120   | 100 | 99  | 79  | 85  | 65  |
|                   | 60                 |    | 135   | 105 | 114 | 91  | 100 | 80  |
|                   | 75                 |    | 160   | 135 | 134 | 108 | 115 | 100 |
|                   | 100                |    | 190   | 165 | 166 | 132 | 135 | 120 |

| GOLD-DRIP®        |                    |    | F6    |     |     |     |     |     |
|-------------------|--------------------|----|-------|-----|-----|-----|-----|-----|
| Diameter<br>20 mm | Dripper<br>spacing |    | Slope |     |     |     |     |     |
|                   |                    |    | -1%   |     | 0%  |     | 1%  |     |
|                   | cm                 | EU | 85%   | 90% | 85% | 90% | 85% | 90% |
| 2,00 l/h          | 30                 |    | 175   | 145 | 144 | 115 | 120 | 100 |
|                   | 40                 |    | 210   | 175 | 181 | 140 | 150 | 120 |
|                   | 50                 |    | 240   | 205 | 214 | 170 | 180 | 150 |
|                   | 60                 |    | 275   | 235 | 244 | 195 | 200 | 175 |
|                   | 75                 |    | 330   | 270 | 287 | 229 | 230 | 200 |
|                   | 100                |    | 400   | 320 | 354 | 281 | 275 | 230 |
| 4,00 l/h          | 30                 |    | 130   | 105 | 113 | 91  | 95  | 80  |
|                   | 40                 |    | 160   | 130 | 141 | 113 | 120 | 105 |
|                   | 50                 |    | 195   | 160 | 167 | 133 | 145 | 120 |
|                   | 60                 |    | 220   | 195 | 191 | 152 | 170 | 135 |
|                   | 75                 |    | 255   | 230 | 225 | 179 | 200 | 170 |
|                   | 100                |    | 310   | 270 | 275 | 220 | 240 | 205 |

Working pressure 1,00 bar



## RECOMMENDED LATERAL LENGTH (m) RELATED TO WORKING PRESSURE (bar)

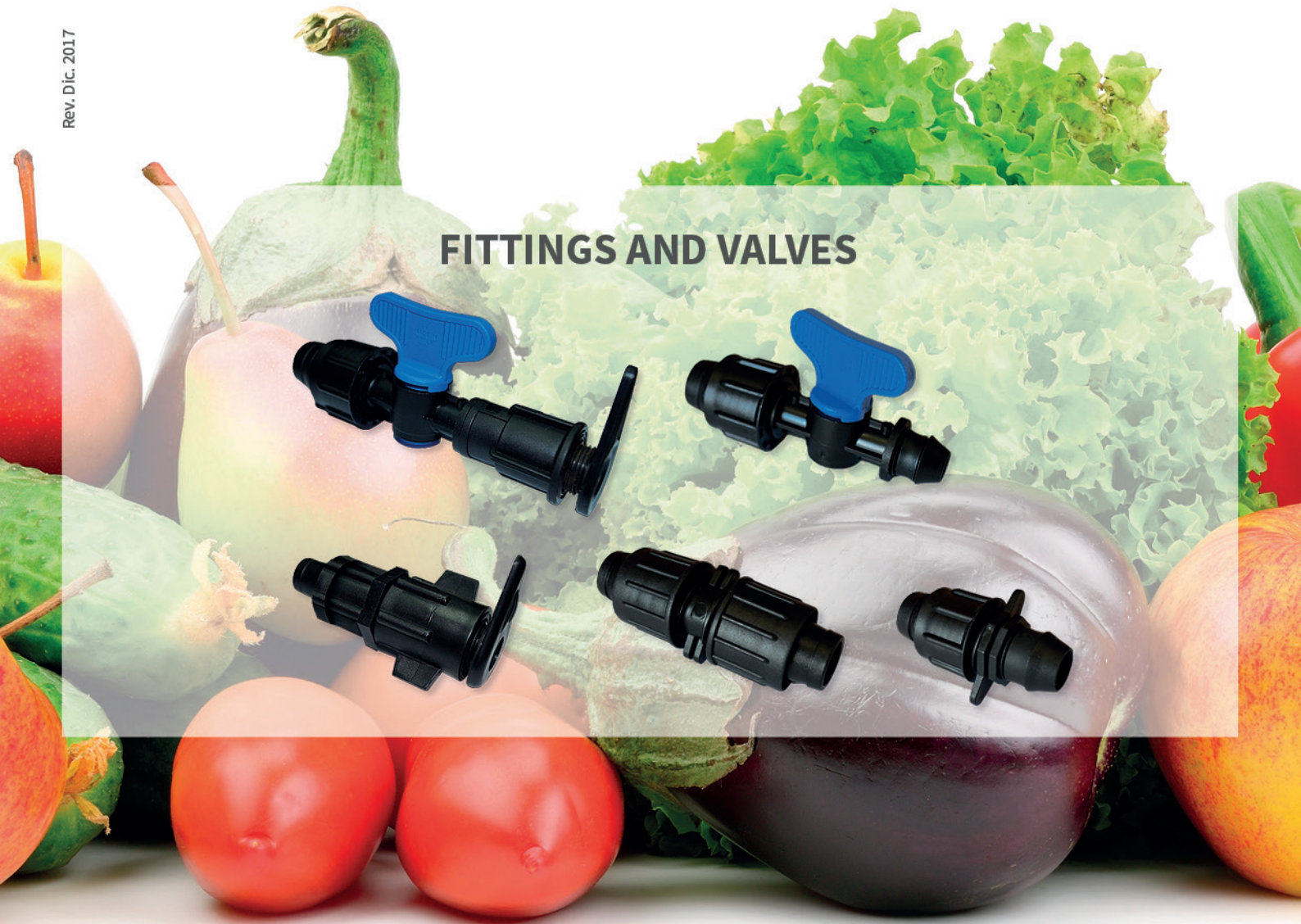
| GOLD-DRIP®        |                       | PC           |     |     |     |
|-------------------|-----------------------|--------------|-----|-----|-----|
| Diameter<br>16 mm | Dripper<br>spacing cm | Pressure bar |     |     |     |
|                   |                       | 1,0          | 2,0 | 3,0 | 4,0 |
| 1,50 l/h          | 30                    | 95           | 115 | 136 | 156 |
|                   | 40                    | 120          | 148 | 176 | 202 |
|                   | 50                    | 145          | 179 | 214 | 246 |
|                   | 60                    | 169          | 209 | 248 | 286 |
|                   | 75                    | 218          | 270 | 321 | 368 |
|                   | 100                   | 262          | 324 | 388 | 445 |
| 2,00 l/h          | 30                    | 69           | 84  | 103 | 118 |
|                   | 40                    | 88           | 108 | 132 | 151 |
|                   | 50                    | 105          | 130 | 160 | 183 |
|                   | 60                    | 123          | 152 | 187 | 214 |
|                   | 75                    | 154          | 191 | 235 | 268 |
|                   | 100                   | 184          | 228 | 280 | 319 |
| 4,00 l/h          | 30                    | 50           | 61  | 75  | 85  |
|                   | 40                    | 63           | 78  | 96  | 110 |
|                   | 50                    | 77           | 95  | 117 | 132 |
|                   | 60                    | 90           | 111 | 137 | 154 |
|                   | 75                    | 112          | 139 | 171 | 195 |
|                   | 100                   | 134          | 166 | 204 | 232 |

| GOLD-DRIP®        |                       | PC           |     |     |     |
|-------------------|-----------------------|--------------|-----|-----|-----|
| Diameter<br>20 mm | Dripper<br>spacing cm | Pressure bar |     |     |     |
|                   |                       | 1,0          | 2,0 | 3,0 | 4,0 |
| 2,00 l/h          | 30                    | 122          | 153 | 188 | 214 |
|                   | 40                    | 154          | 193 | 237 | 269 |
|                   | 50                    | 185          | 230 | 282 | 321 |
|                   | 60                    | 209          | 263 | 324 | 370 |
|                   | 75                    | 259          | 326 | 402 | 458 |
|                   | 100                   | 305          | 384 | 472 | 539 |
| 4,00 l/h          | 30                    | 81           | 102 | 125 | 143 |
|                   | 40                    | 102          | 128 | 158 | 180 |
|                   | 50                    | 123          | 153 | 188 | 215 |
|                   | 60                    | 140          | 175 | 216 | 248 |
|                   | 75                    | 173          | 218 | 268 | 305 |
|                   | 100                   | 203          | 256 | 315 | 359 |

\*Data referred to flat grounds



## FITTINGS AND VALVES



## MICROIRRIGATION SYSTEMS

**Aquadrop**<sup>®</sup>

THINWALL DRIP LINE

**AQUATAPE**<sup>®</sup>

DRIP TAPE

**GOLD-DRIP**<sup>®</sup>

HEAVYWALL DRIP LINE

**AquaPress**<sup>®</sup>

PC HEAVYWALL/THINWALL DRIP LINE



**PLASTIC-PUGLIA**  
Irrigation Systems ITALY

since 1967



Viale Aldo Moro 31  
70043 Monopoli (BA) - Italy  
Tel. +39 080 802122  
E-Mail: [info@plasticpuglia.it](mailto:info@plasticpuglia.it)

