



## STREAMLINE™

INTEGRAL DRIPPER

12060 - 12080 - 16060 - 16080  
16100 - 16125 - 22080 - 22100

### APPLICATIONS:

- Row crops irrigation

### SPECIFICATIONS:

- Recommended filtration: 130 micron / 120 mesh
- TurboNet™ labyrinth with large water passage.
- To be "welded" into a thin-walled dripperlines (0.15 , 0.20 , 0.25 , and 0.31 mm).
- Injected dripper, very low CV.
- UV resistant . Resistant to standard nutrients used in agricultural
- Streamline™™ drippers meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII)

### FEATURES AND BENEFITS:

- Wide filtration area to ensure optimal performance .
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance
- The water is drawn in to the dripper from the stream center, preventing the entrance of sediments in to the drippers.
- Injection molded dripper construction , ensuring uniform drippers and very low CV

## DRIPPERS TECHNICAL DATA

### 12060 & 16060 - 0.15 mm. wall thickness dripperlines

| FLOW RATE*<br>(L/H.) | MAX. WORKING PRESSURE**<br>(BAR) | WATER PASSAGES DIMENSIONS<br>WIDTH-DEPTH-LENGTH<br>(MM.) | FILTRATION AREA<br>(MM <sup>2</sup> ) | CONSTANT<br>K | EXPONENT<br>X | RECOMMENDED FILTRATION<br>(MICRON)/(MESH) |
|----------------------|----------------------------------|--|---------------------------------------|---------------|---------------|---|
| 0.80                 | 1.4/0.8                          | 0.58 x 0.33 x 25   | 14                                    | 0.265         | 0.48          | 130/120                                   |
| 1.10                 | 1.4/0.8                          | 0.51 x 0.42 x 13   | 15                                    | 0.392         | 0.45          | 130/120                                   |
| 1.60                 | 1.4/0.8                          | 0.66 x 0.55 x 13   | 17                                    | 0.568         | 0.45          | 130/120                                   |
| 2.20                 | 1.4/0.8                          | 0.66 x 0.72 x 13   | 17                                    | 0.780         | 0.45          | 130/120                                   |

\* Flow rate at 1.0 bar pressure \*\*According to dripperlines inside diameter

### 12080 - 16080 & 22080 - 0.20 mm. wall thickness dripperlines

|      |             |                  |    |       |      |         |
|------|-------------|------------------|----|-------|------|---------|
| 0.72 | 1.7/1.0/0.8 | 0.58 x 0.33 x 25 | 14 | 0.238 | 0.48 | 130/120 |
| 1.05 | 1.7/1.0/0.8 | 0.51 x 0.42 x 13 | 15 | 0.373 | 0.45 | 130/120 |
| 1.60 | 1.7/1.0/0.8 | 0.66 x 0.55 x 13 | 17 | 0.568 | 0.45 | 130/120 |
| 2.20 | 1.7/1.0/0.8 | 0.66 x 0.72 x 13 | 17 | 0.780 | 0.45 | 130/120 |

\* Flow rate at 1.0 bar \*\*According to dripperlines inside diameter

### 16100 , 16125 & 22100 - 0.25 & 0.31 mm. wall thickness dripperlines

|      |              |                  |    |       |      |         |
|------|--------------|------------------|----|-------|------|---------|
| 0.72 | 1.2/1.8 /1.0 | 0.58 x 0.33 x 25 | 14 | 0.238 | 0.48 | 130/120 |
| 1.05 | 1.2/1.8 /1.0 | 0.51 x 0.42 x 13 | 15 | 0.373 | 0.45 | 130/120 |
| 1.60 | 1.2/1.8 /1.0 | 0.66 x 0.55 x 13 | 17 | 0.568 | 0.45 | 130/120 |
| 2.10 | 1.2/1.8 /1.0 | 0.66 x 0.72 x 13 | 17 | 0.740 | 0.45 | 130/120 |

\* Flow rate at 1.0 bar \*\*According to dripperlines inside diameter

## DRIPPERLINES TECHNICAL DATA

| MODEL | INSIDE DIAMETER<br>(MM.) | WALL THICKNESS<br>(MM.) | OUTSIDE DIAMETER<br>(MM.) | MAX. WORKING PRESSURE<br>(BAR) | MAXIMUM FLUSHING PRESSURE<br>(BAR) | KD   |
|-------|--------------------------|-------------------------|---------------------------|--------------------------------|------------------------------------|------|
| 12060 | 11.8                     | 0.15                    | 12.10                     | 1.40                           | 1.6                                | 0.15 |
| 12080 | 11.8                     | 0.20                    | 12.20                     | 1.70                           | 2.0                                | 0.15 |
| 16060 | 16.2                     | 0.15                    | 16.50                     | 0.80                           | 0.9                                | 0.10 |
| 16080 | 16.2                     | 0.20                    | 16.60                     | 1.00                           | 1.2                                | 0.10 |
| 16100 | 16.2                     | 0.25                    | 16.70                     | 1.20                           | 1.4                                | 0.10 |
| 16125 | 16.2                     | 0.31                    | 16.82                     | 1.80                           | 2.1                                | 0.10 |
| 22080 | 22.2                     | 0.20                    | 22.60                     | 0.80                           | 0.9                                | 0.01 |
| 22100 | 22.2                     | 0.25                    | 22.70                     | 1.00                           | 1.2                                | 0.01 |

## DRIPPERLINES PACKAGE DATA (ON CARTON COILS)

| MODEL | WALL THICKNESS<br>(MM.) | COIL LENGTH<br>(M.) | DISTANCE BETWEEN DRIPPERS<br>(M.) | AVERAGE* COIL WEIGHT<br>(KG.) | COILS PER PALLET<br>(UNITS) | COILS IN A 40 FEET CONTAINER<br>(UNITS) | TOTAL IN A 40 FEET CONTAINER<br>(M.) |
|-------|-------------------------|---------------------|-----------------------------------|-------------------------------|-----------------------------|---|--------------------------------------|
| 12060 | 0.15                    | 3500                | 0.10 to 0.25                      | 21.5                          | 20                          | 800                                     | 2800000                              |
|       |                         | 3800                | 0.30 to 1.00                      | 22.9                          |                             |   | 3040000                              |
| 12080 | 0.20                    | 2800                | 0.10 to 0.25                      | 24.0                          | 20                          | 800                                     | 2240000                              |
|       |                         | 3000                | 0.30 to 1.00                      | 25.3                          |                             |   | 2400000                              |
| 16060 | 0.15                    | 2600                | 0.10 to 0.25                      | 21.5                          | 20                          | 800                                     | 2080000                              |
|       |                         | 3000                | 0.30 to 1.00                      | 23.5                          |                             |   | 2400000                              |
| 16080 | 0.20                    | 2200                | 0.10 to 0.25                      | 25.3                          | 20                          | 800                                     | 1760000                              |
|       |                         | 2500                | 0.30 to 1.00                      | 25.8                          |                             |   | 2000000                              |
| 16100 | 0.25                    | 1800                | 0.10 to 0.25                      | 23.6                          | 20                          | 800                                     | 1440000                              |
|       |                         | 2000                | 0.30 to 1.00                      | 25.9                          |                             |   | 1600000                              |
| 16125 | 0.34                    | 1100                | 0.10 to 0.25                      | 17.9                          | 20                          | 800                                     | 880000                               |
|       |                         | 1300                | 0.30 to 1.00                      | 20.9                          |                             |   | 1040000                              |
| 22080 | 0.20                    | 1600                | 0.10 to 0.25                      | 23.6                          | 16                          | 640                                     | 1024000                              |
|       |                         | 1800                | 0.30 to 1.00                      | 25.6                          |                             |   | 1152000                              |
| 22100 | 0.25                    | 1200                | 0.10 to 0.25                      | 22.0                          | 16                          | 640                                     | 768000                               |
|       |                         | 1500                | 0.30 to 1.00                      | 26.6                          |                             |   | 960000                               |

\*According to drippers spacing

### MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 0.80 L/H • INLET PRESSURE 1.2 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%    | 57                                | 69   | 78   | 85   | 90   | 95   | 98   |
|              | 1%    | 64                                | 82   | 96   | 108  | 118  | 127  | 135  |
| FLAT TERRAIN | 0     | 72                                | 96   | 116  | 136  | 153  | 169  | 186  |
|              | -1%   | 79                                | 109  | 136  | 162  | 187  | 211  | 234  |
| DOWNHILL     | -2%   | 86                                | 122  | 155  | 189  | 221  | 253  | 286  |

### MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 1.1 L/H • INLET PRESSURE 1.2 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%    | 51                                | 65   | 74   | 82   | 89   | 95   | 98   |
|              | 1%    | 56                                | 73   | 86   | 98   | 109  | 118  | 126  |
| FLAT TERRAIN | 0     | 61                                | 82   | 100  | 116  | 131  | 146  | 158  |
|              | -1%   | 65                                | 89   | 110  | 131  | 151  | 169  | 188  |
| DOWNHILL     | -2%   | 70                                | 97   | 123  | 148  | 172  | 197  | 221  |

### MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 1.6 L/H • INLET PRESSURE 1.2 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%    | 42                                | 54   | 63   | 70   | 76   | 82   | 86   |
|              | 1%    | 45                                | 59   | 70   | 81   | 89   | 98   | 105  |
| FLAT TERRAIN | 0     | 48                                | 65   | 79   | 92   | 104  | 116  | 126  |
|              | -1%   | 51                                | 69   | 85   | 101  | 115  | 130  | 143  |
| DOWNHILL     | -2%   | 53                                | 74   | 93   | 111  | 129  | 146  | 163  |

### MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 12060 • ID 11.8 MM • KD 0.15 • FLOW RATE 2.2 L/H • INLET PRESSURE 1.2 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%    | 35                                | 45   | 54   | 60   | 66   | 71   | 76   |
|              | 1%    | 37                                | 49   | 59   | 68   | 75   | 83   | 89   |
| FLAT TERRAIN | 0     | 40                                | 53   | 64   | 75   | 85   | 95   | 103  |
|              | -1%   | 41                                | 56   | 68   | 81   | 92   | 104  | 114  |
| DOWNHILL     | -2%   | 43                                | 59   | 74   | 88   | 101  | 114  | 127  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 0.72 L/H • INLET PRESSURE 1.2 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 59                                | 72   | 81   | 88   | 93   | 97   | 100  |
|              | 1%  | 68                                | 86   | 101  | 114  | 124  | 134  | 142  |
| FLAT TERRAIN | 0   | 77                                | 102  | 125  | 145  | 164  | 182  | 198  |
|              | -1% | 86                                | 118  | 147  | 176  | 203  | 229  | 255  |
| DOWNHILL     | -2% | 94                                | 132  | 170  | 206  | 242  | 279  | 315  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 1.05 L/H • INLET PRESSURE 1.2 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 53                                | 66   | 76   | 84   | 90   | 96   | 100  |
|              | 1%  | 58                                | 75   | 89   | 101  | 111  | 120  | 130  |
| FLAT TERRAIN | 0   | 63                                | 84   | 103  | 120  | 136  | 151  | 165  |
|              | -1% | 67                                | 92   | 114  | 136  | 156  | 176  | 195  |
| DOWNHILL     | -2% | 72                                | 101  | 128  | 154  | 179  | 205  | 230  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 1.6 L/H • INLET PRESSURE 1.2 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 42                                | 54   | 63   | 70   | 76   | 82   | 86   |
|              | 1%  | 45                                | 59   | 70   | 81   | 89   | 98   | 105  |
| FLAT TERRAIN | 0   | 48                                | 65   | 79   | 92   | 104  | 116  | 126  |
|              | -1% | 51                                | 69   | 85   | 101  | 115  | 130  | 143  |
| DOWNHILL     | -2% | 53                                | 74   | 93   | 111  | 129  | 146  | 163  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 12080 • ID 11.8 MM • KD 0.15 • FLOW RATE 2.2 L/H • INLET PRESSURE 1.2 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 35                                | 45   | 54   | 60   | 66   | 71   | 76   |
|              | 1%  | 37                                | 49   | 59   | 68   | 75   | 83   | 89   |
| FLAT TERRAIN | 0   | 40                                | 53   | 64   | 75   | 85   | 95   | 103  |
|              | -1% | 41                                | 56   | 68   | 81   | 92   | 104  | 114  |
| DOWNHILL     | -2% | 43                                | 59   | 74   | 88   | 101  | 114  | 127  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16060 • ID 16.2 MM • KD 0.1 • FLOW RATE 0.8 L/H • INLET PRESSURE 0.8 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 65                                | 71   | 74   | 75   | 76   | 77   | 78   |
|              | 1%  | 89                                | 107  | 118  | 127  | 132  | 137  | 140  |
| FLAT TERRAIN | 0   | 122                               | 162  | 197  | 229  | 259  | 286  | 313  |
|              | -1% | 153                               | 218  | 281  | 344  | 407  | 470  | 231  |
| DOWNHILL     | -2% | 186                               | 103  | 88   | 84   | 82   | 81   | 81   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16060 • ID 16.2 MM • KD 0.1 • FLOW RATE 1.1 L/H • INLET PRESSURE 0.8 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 65                                | 74   | 79   | 82   | 84   | 85   | 86   |
|              | 1%  | 82                                | 101  | 115  | 125  | 134  | 140  | 146  |
| FLAT TERRAIN | 0   | 103                               | 138  | 168  | 195  | 220  | 244  | 266  |
|              | -1% | 121                               | 170  | 218  | 264  | 309  | 354  | 399  |
| DOWNHILL     | -2% | 142                               | 208  | 276  | 98   | 92   | 90   | 88   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16060 • IID 16.2 MM • KD 0.1 • FLOW RATE 1.6 L/H • INLET PRESSURE 0.8 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 57                                | 66   | 72   | 77   | 80   | 81   | 83   |
|              | 1%  | 68                                | 86   | 98   | 109  | 118  | 125  | 130  |
| FLAT TERRAIN | 0   | 82                                | 108  | 132  | 154  | 174  | 193  | 210  |
|              | -1% | 92                                | 128  | 162  | 196  | 228  | 260  | 291  |
| DOWNHILL     | -2% | 105                               | 151  | 197  | 244  | 113  | 99   | 94   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16060 • ID 16.2 MM • KD 0.1 • FLOW RATE 2.2 L/H • INLET PRESSURE 0.8 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 50                                | 59   | 66   | 72   | 74   | 78   | 79   |
|              | 1%  | 58                                | 73   | 85   | 95   | 104  | 111  | 117  |
| FLAT TERRAIN | 0   | 67                                | 89   | 108  | 126  | 142  | 158  | 172  |
|              | -1% | 74                                | 102  | 128  | 153  | 177  | 201  | 225  |
| DOWNHILL     | -2% | 82                                | 116  | 150  | 184  | 218  | 252  | 118  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16080 • ID 16.2 MM • KD 0.1 • FLOW RATE 0.72 L/H • INLET PRESSURE 1.0 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%    | 76                                | 85   | 89   | 92   | 94   | 95   | 95   |
|              | 1%    | 101                               | 122  | 137  | 148  | 157  | 163  | 168  |
| FLAT TERRAIN | 0     | 132                               | 176  | 214  | 248  | 280  | 311  | 339  |
|              | -1%   | 162                               | 228  | 292  | 356  | 418  | 481  | 544  |
| DOWNHILL     | -2%   | 192                               | 284  | 120  | 110  | 106  | 104  | 102  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16080 • ID 16.2 MM • KD 0.1 • FLOW RATE 1.05 L/H • INLET PRESSURE 1.0 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%    | 73                                | 85   | 93   | 98   | 101  | 104  | 105  |
|              | 1%    | 90                                | 112  | 128  | 142  | 152  | 161  | 168  |
| FLAT TERRAIN | 0     | 108                               | 144  | 176  | 205  | 231  | 256  | 279  |
|              | -1%   | 124                               | 173  | 219  | 264  | 308  | 351  | 394  |
| DOWNHILL     | -2%   | 142                               | 205  | 268  | 333  | 128  | 119  | 114  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16080 • ID 16.2 MM • KD 0.1 • FLOW RATE 1.60 L/H • INLET PRESSURE 1.0 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%    | 62                                | 74   | 82   | 89   | 93   | 97   | 98   |
|              | 1%    | 72                                | 91   | 106  | 119  | 129  | 138  | 146  |
| FLAT TERRAIN | 0     | 83                                | 110  | 134  | 156  | 176  | 195  | 214  |
|              | -1%   | 91                                | 126  | 159  | 190  | 220  | 250  | 279  |
| DOWNHILL     | -2%   | 102                               | 145  | 187  | 229  | 271  | 313  | 150  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16080 • ID 16.2 MM • KD 0.1 • FLOW RATE 2.20 L/H • INLET PRESSURE 1.0 BAR

|              |       | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-------|-----------------------------------|------|------|------|------|------|------|
|              | SLOPE | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%    | 53                                | 65   | 74   | 81   | 85   | 90   | 93   |
|              | 1%    | 60                                | 77   | 90   | 102  | 112  | 120  | 128  |
| FLAT TERRAIN | 0     | 68                                | 90   | 110  | 128  | 144  | 160  | 174  |
|              | -1%   | 73                                | 101  | 126  | 150  | 173  | 195  | 218  |
| DOWNHILL     | -2%   | 80                                | 113  | 144  | 175  | 205  | 236  | 266  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16100/16125 • ID 16.2 MM • KD 0.1 • FLOW RATE 0.72 L/H • INLET PRESSURE 1.2 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 84                                | 96   | 102  | 107  | 109  | 111  | 113  |
|              | 1%  | 107                               | 131  | 149  | 163  | 173  | 182  | 189  |
| FLAT TERRAIN | 0   | 133                               | 177  | 216  | 251  | 283  | 314  | 342  |
|              | -1% | 158                               | 222  | 282  | 341  | 399  | 457  | 514  |
| DOWNHILL     | -2% | 183                               | 268  | 353  | 448  | 534  | 619  | 706  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16100/16125 • ID 16.2 MM • KD 0.1 • FLOW RATE 1.05 L/H • INLET PRESSURE 1.2 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 79                                | 94   | 104  | 111  | 115  | 119  | 122  |
|              | 1%  | 94                                | 118  | 137  | 152  | 165  | 176  | 185  |
| FLAT TERRAIN | 0   | 110                               | 146  | 178  | 207  | 233  | 259  | 282  |
|              | -1% | 123                               | 170  | 214  | 257  | 299  | 340  | 380  |
| DOWNHILL     | -2% | 138                               | 197  | 256  | 315  | 374  | 433  | 492  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16100/16125 • ID 16.2 MM • KD 0.1 • FLOW RATE 1.60 L/H • INLET PRESSURE 1.2 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 65                                | 80   | 90   | 98   | 104  | 109  | 113  |
|              | 1%  | 74                                | 95   | 112  | 126  | 137  | 148  | 157  |
| FLAT TERRAIN | 0   | 84                                | 112  | 136  | 158  | 179  | 199  | 216  |
|              | -1% | 91                                | 125  | 157  | 187  | 216  | 244  | 272  |
| DOWNHILL     | -2% | 100                               | 141  | 180  | 219  | 257  | 296  | 335  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 16100/16125 • ID 16.2 MM • KD 0.1 • FLOW RATE 2.10 L/H • INLET PRESSURE 1.2 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 58                                | 71   | 82   | 90   | 96   | 101  | 106  |
|              | 1%  | 64                                | 82   | 97   | 110  | 121  | 131  | 139  |
| FLAT TERRAIN | 0   | 71                                | 94   | 115  | 134  | 151  | 167  | 183  |
|              | -1% | 76                                | 104  | 129  | 154  | 177  | 200  | 222  |
| DOWNHILL     | -2% | 82                                | 115  | 146  | 177  | 206  | 236  | 266  |

### MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 0.72 L/H • INLET PRESSURE 0.8 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 75                                | 77   | 78   | 78   | 79   | 78   | 78   |
|              | 1%  | 128                               | 140  | 145  | 149  | 151  | 153  | 154  |
| FLAT TERRAIN | 0   | 239                               | 311  | 375  | 433  | 487  | 538  | 586  |
|              | -1% | 367                               | 243  | 180  | 171  | 166  | 164  | 162  |
| DOWNHILL     | -2% | 83                                | 81   | 80   | 80   | 79   | 79   | 78   |

### MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 1.05 L/H • INLET PRESSURE 0.8 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 82                                | 86   | 87   | 88   | 89   | 90   | 90   |
|              | 1%  | 126                               | 142  | 152  | 160  | 164  | 167  | 170  |
| FLAT TERRAIN | 0   | 196                               | 255  | 308  | 355  | 399  | 440  | 481  |
|              | -1% | 267                               | 379  | 491  | 218  | 193  | 185  | 180  |
| DOWNHILL     | -2% | 98                                | 89   | 86   | 85   | 85   | 84   | 84   |

### MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 1.60 L/H • INLET PRESSURE 0.8 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 76                                | 82   | 84   | 87   | 87   | 88   | 89   |
|              | 1%  | 107                               | 125  | 138  | 146  | 152  | 157  | 161  |
| FLAT TERRAIN | 0   | 150                               | 195  | 235  | 272  | 305  | 337  | 367  |
|              | -1% | 190                               | 266  | 339  | 412  | 486  | 561  | 207  |
| DOWNHILL     | -2% | 237                               | 98   | 90   | 88   | 86   | 85   | 85   |

### MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 22080 • ID 22.2 MM • KD 0.01 • FLOW RATE 2.20 L/H • INLET PRESSURE 0.8 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 70                                | 77   | 82   | 84   | 85   | 86   | 87   |
|              | 1%  | 93                                | 111  | 124  | 134  | 142  | 147  | 152  |
| FLAT TERRAIN | 0   | 123                               | 160  | 192  | 222  | 250  | 275  | 301  |
|              | -1% | 149                               | 206  | 260  | 314  | 367  | 420  | 474  |
| DOWNHILL     | -2% | 179                               | 259  | 99   | 92   | 89   | 88   | 86   |



## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 22100 • ID 14.2 MM • KD 0.1 • FLOW RATE 0.72 L/H • INLET PRESSURE 1.0 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 91                                | 95   | 96   | 97   | 97   | 98   | 98   |
|              | 1%  | 146                               | 164  | 173  | 180  | 184  | 186  | 188  |
| FLAT TERRAIN | 0   | 242                               | 315  | 380  | 439  | 493  | 544  | 593  |
|              | -1% | 345                               | 493  | 642  | 236  | 220  | 213  | 209  |
| DOWNHILL     | -2% | 111                               | 103  | 101  | 100  | 100  | 99   | 99   |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 22100 • ID 14.2 MM • KD 0.1 • FLOW RATE 1.05 L/H • INLET PRESSURE 1.0 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 96                                | 103  | 106  | 108  | 109  | 110  | 110  |
|              | 1%  | 139                               | 162  | 177  | 187  | 194  | 200  | 204  |
| FLAT TERRAIN | 0   | 199                               | 260  | 312  | 361  | 406  | 449  | 488  |
|              | -1% | 257                               | 359  | 460  | 562  | 664  | 267  | 245  |
| DOWNHILL     | -2% | 323                               | 118  | 111  | 109  | 107  | 106  | 106  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 22100 • ID 14.2 MM • KD 0.1 • FLOW RATE 1.60 L/H • INLET PRESSURE 1.0 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 87                                | 97   | 102  | 105  | 107  | 108  | 109  |
|              | 1%  | 116                               | 139  | 155  | 167  | 176  | 183  | 189  |
| FLAT TERRAIN | 0   | 153                               | 199  | 239  | 276  | 310  | 343  | 374  |
|              | -1% | 185                               | 255  | 323  | 390  | 456  | 522  | 589  |
| DOWNHILL     | -2% | 222                               | 321  | 124  | 115  | 112  | 109  | 108  |

## MAX. LATERAL LENGTH (METERS) AT DIFFERENT SLOPES - 10% FLOW VARIATION

STREAMLINE™ • 22100 • ID 14.2 MM • KD 0.1 • FLOW RATE 2.20 L/H • INLET PRESSURE 1.0 BAR

|              |     | DISTANCE BETWEEN DRIPPERS (METER) |      |      |      |      |      |      |
|--------------|-----|-----------------------------------|------|------|------|------|------|------|
| SLOPE        |     | 0.20                              | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 |
| UPHILL       | 2%  | 81                                | 91   | 97   | 101  | 103  | 105  | 107  |
|              | 1%  | 103                               | 124  | 140  | 153  | 163  | 171  | 178  |
| FLAT TERRAIN | 0   | 129                               | 168  | 202  | 234  | 262  | 290  | 315  |
|              | -1% | 152                               | 208  | 261  | 313  | 364  | 415  | 466  |
| DOWNHILL     | -2% | 178                               | 253  | 329  | 127  | 118  | 113  | 111  |