



The original patented Shrubbler® with flow adjustment. Flow and coverage can be altered by rotating the cap.

Features

- Finger-tip flow control with shut-off option.
- Spike model to anchor Shrubbler® at the plant.
- In-Line Spike model suits 4 mm ID connection tube.
- Barb model for direct attachment to feeder and supply lines.
- Threaded model for installation into Rigid Risers and Asta® Stakes.
- 1/2" Threaded model for riser pipe installations.

Applications

Pots, tubs, landscaped gardens and nurseries. Ideal for hanging baskets. In-Line Spike model suitable for planter boxes.



Shrubbler® Spike 4 mm



Shrubbler® Barb 4 mm



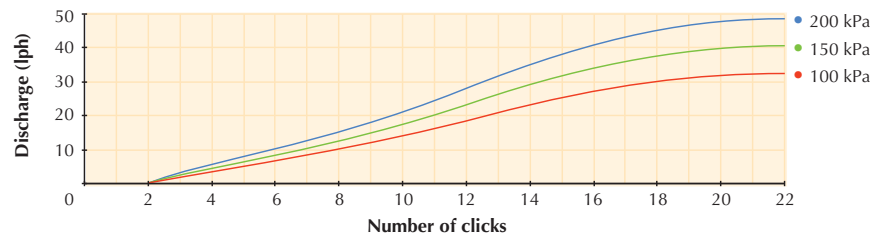
Shrubbler® Thread 4 mm



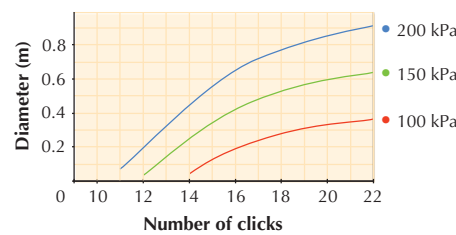
Shrubbler® In-Line Spike 4 mm

| Performance | | |  360° |  180° |
|--------------------------------|----------------|------------|---|---|
| | PRESSURE (kPa) | FLOW (lph) | DIAMETER (m) | RADIUS (m) |
| fully open (approx. 22 clicks) | 100 | 33 | 0.4 | 0.4 |
| | 150 | 41 | 0.6 | 0.5 |
| | 200 | 49 | 0.9 | 0.6 |

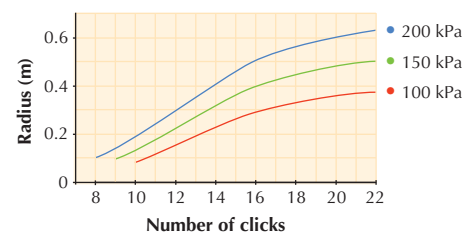
Flow Rate 360° & 180°



Diameter of Throw 360°



Radius of Throw 180°



Shrubbler® 360°

| BASE TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|------------------|------------|---------------|------------------|-------------|
| Barb 4 mm | 31445 | 100 | 65 | 11.5 |
| Thread 4 mm | 31415 | 100 | 65 | 14.0 |
| Thread 1/2" FNPT | 31425 | 25 | 70 | 8.3 |
| Spike | 31495 | 25 | 40 | 6.3 |
| In-Line Spike | 30995 | 25 | 40 | 6.3 |

Shrubbler® 180°

| BASE TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|------------------|------------|---------------|------------------|-------------|
| Barb 4 mm | 31245 | 100 | 65 | 11.5 |
| Thread 4 mm | 31215 | 100 | 65 | 14.0 |
| Thread 1/2" FNPT | 31425 | 25 | 70 | 8.3 |
| Spike | 31295 | 25 | 40 | 6.3 |

Spectrum™ 360° Adjustable Flow



An adjustable flow, full circle vortex sprayer with fine water droplets. Flow and coverage can be altered by rotating the cap.

Features

- Finger-tip flow control with shut-off option.
- Spike model to anchor Spectrum™ at the plant.
- Barb model for direct attachment to feeder and supply lines.
- Threaded model for installation into Rigid Risers and Asta® Stakes.
- 1/2" Threaded model for riser pipe installations.

Applications

Pots, tubs, ground cover, landscaped gardens and nurseries. Waters large garden areas when used with Asta® Stakes and risers.

| Performance | | 360° | |
|--------------------------------|----------------|------------|--------------|
| | PRESSURE (kPa) | FLOW (lph) | Diameter (m) |
| fully open (approx. 22 clicks) | 100 | 64 | 2.8 |
| | 150 | 78 | 3.6 |
| | 200 | 90 | 4.0 |



Spectrum™ Spike 4mm



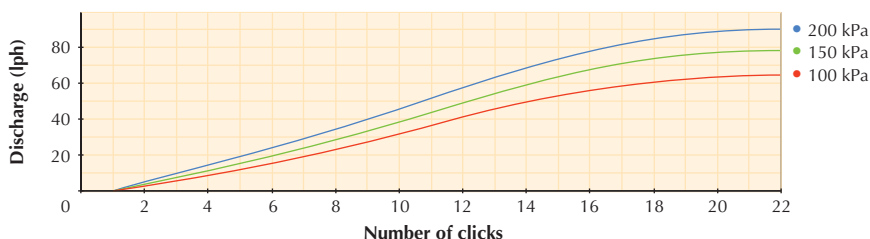
Spectrum™ Barb 4 mm

Spectrum™ Thread 4 mm

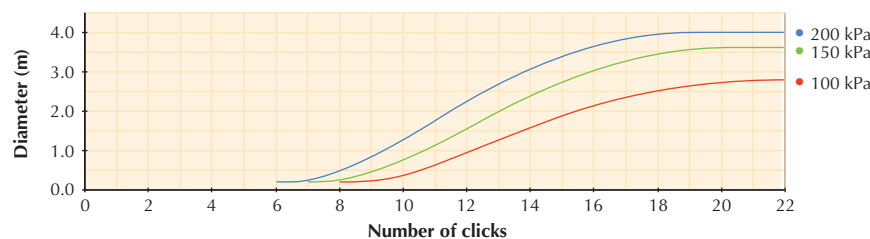


Spectrum™ Thread 1/2"

Flow Rate



Diameter of Throw



Spectrum™ 360°

| BASE TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|------------------|------------|---------------|------------------|-------------|
| Barb 4 mm | 32045 | 50 | 100 | 11.8 |
| Thread 4 mm | 32015 | 50 | 100 | 13.8 |
| Thread 1/2" FNPT | 32025 | 25 | 65 | 9.1 |
| Spike | 32095 | 25 | 40 | 6.5 |

Specifications

| DIMENSIONS ASSEMBLED | | BARB | THREAD | TAPER | THREAD 1/2" | SPIKE |
|-----------------------------|--------------------|------------------------------------|-----------------------------|-----------------------------|------------------------------------|------------------------------------|
| HEIGHT | | 26 mm | 26 mm | 26 mm | 37 mm | 137 mm |
| WIDTH | | 20 mm | 20 mm | 20 mm | 26 mm | 42 mm |
| DEPTH | | 16 mm | 16 mm | 16 mm | 26 mm | 16 mm |
| WEIGHT (approx) | | 1.7 g | 2.1 g | 2.7 g | 4.9 g | 5.5 g |
| UV STABILISED MATERIAL | BASE CAP DEFLECTOR | polypropylene polypropylene acetal | acetal polypropylene acetal | acetal polypropylene acetal | polypropylene polypropylene acetal | polypropylene polypropylene acetal |
| BASE/CONNECTION TYPE: Inlet | | BARB 4 mm | 10-32 UNF THREAD 4 mm | TAPER # 6 (Refer Page 4.0) | THREAD 1/2" FNPT | BARB 4 mm |





Essential components in low pressure micro irrigation systems. Used in conjunction with standard low pressure tubing.

Features

- Micro fittings with single barb or 'Quick' thread connection.
- Key Punch™ makes 3 mm hole in tubing. Hexagonal base to install and remove spray jets and interchange their caps.
- Pocket Punch makes 3 mm hole in 13 mm PE tubing, installs and removes emitters.
- Punch 'n' Cut makes 3 mm or 4.5 mm hole into a range of PE tubing sizes, installs and removes emitters, and cuts PE tubing.

Applications

Home gardens, landscaping, glasshouses and hanging baskets.



Adaptor 4 mm (F) x 1/2" FNPT thread



Adaptor 4 mm (F) x 1/2" MNPT



Adaptor barb x thread



Adaptor 4 mm (F) x 3/8" BSWM thread



Adaptor 'Quick' thread



Joiner barb x barb hypodermic



Joiner



Tee



Cross



Elbow



Goof Plugs (rack of 10)



Key Punch™



Pocket Punch



Punch 'n' Cut

Adaptors and Joiners

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|--|------------|---------------|------------------|-------------|
| ADAPTOR 4.0 mm (F) x 1/2" FNPT thread | 41015 | 25 | 80 | 7.6 |
| ADAPTOR 4.0 mm (F) x 1/2" MNPT thread | 41075 | 25 | TBA | TBA |
| ADAPTOR 4.0 mm (F) x 3/8" BSWM thread | 41025 | 100 | 130 | 10.6 |
| ADAPTOR 4.0 mm 'Quick' thread x thread | 40925 | 100 | 260 | 14.4 |
| ADAPTOR 4.5 mm barb x thread | 40995 | 100 | 250 | 15.3 |
| JOINER 4.5 mm barb (taper series) | 40175 | 100 | 240 | 17.0 |

Elbows, Tees & Crosses

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|-------------------|------------|---------------|------------------|-------------|
| ELBOW 4.5 mm barb | 40295 | 50 | 420 | 13.5 |
| TEE 4.5 mm barb | 40395 | 50 | 300 | 13.0 |
| CROSS 4.5 mm barb | 40495 | 50 | 220 | 12.1 |

Goof Plugs

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|-------------------------|------------|---------------|------------------|-------------|
| GOOF PLUGS (rack of 10) | 42325 | 10 | 250 | 7.2 |

Punches

| TYPE | PART NUMBER | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|---------------|-------------|---------------|------------------|-------------|
| KEY PUNCH™ | 42315 | 25 | 50 | 12.1 |
| POCKET PUNCH | 50048 | TBA | TBA | TBA |
| PUNCH 'n' Cut | 51098 | TBA | TBA | TBA |



A range of quick connect fittings specifically to adapt polyethylene irrigation tubes to snap-on fittings. Connect to tap adaptors, tap timers, manifold and multi outlet distributors.

Features

- Simple to use ergonomic design.
- UV35+ 'O'-Ring™ silicone to resist ultra violet degradation.
- Tap Adaptor suits snap-on connections.
- UV stabilised materials for long life.

Applications

Home gardens and landscaping applications.



Tap Adaptor Reducing Bush



Snap-On Tap Adaptor



Snap-On Connector Barb



Snap-On Connector Thread 3/4"



Snap-On Joiner



Washer



UV35+ 'O'-Ring™



Nut and Tail



Blank Nut

Snap-On Tap Adaptors

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|---|------------|---------------|------------------|-------------|
| SNAP-ON TAP ADAPTOR 3/4" BSPF | 45775 | 25 | 38 | 10.0 |
| SNAP-ON TAP ADAPTOR 1" BSPF | 45785 | 25 | 30 | 9.8 |
| TAP ADAPTOR Reducing Bush 1" BSPM x 3/4" BSPF | 45815 | 25 | 44 | 9.3 |

Snap-On Connectors

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|--------------------------------|------------|---------------|------------------|-------------|
| SNAP-ON CONNECTOR x 13 mm barb | 45465 | 25 | 35 | 12.2 |
| SNAP-ON CONNECTOR x 16 mm barb | 45475 | 25 | 32 | 12.0 |
| SNAP-ON CONNECTOR x 19 mm barb | 45485 | 25 | 28 | 10.9 |
| SNAP-ON CONNECTOR x 3/4" BSPF | 44455 | 25 | 25 | 12.9 |

Snap-On Joiner

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|-----------------------------|------------|---------------|------------------|-------------|
| SNAP-ON JOINER x 13 mm barb | 45455 | 25 | 100 | 8.9 |

Washers & UV35+ 'O'-Ring™

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|---|------------|---------------|------------------|-------------|
| WASHER suits 3/4" Nut & Tail, Snap-On Tap Adaptor | 44075 | 100 | 115 | 9.5 |
| WASHER suits 1" Nut & Tail, Snap-On Tap Adaptor | 44085 | 100 | 70 | 8.7 |
| UV35+ 'O'-Ring™ | 45865 | 100 | 300 | 10.7 |

Nuts and Tails

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|--|------------|---------------|------------------|-------------|
| NUT AND TAIL with Washer 3/4" BSPF x 13 mm | 44005 | 25 | 32 | 9.5 |
| NUT AND TAIL with Washer 3/4" BSPF x 14 mm | 44065 | 25 | 32 | 9.5 |
| NUT AND TAIL with Washer 3/4" BSPF x 16 mm | 44055 | 25 | 34 | 10.9 |
| NUT AND TAIL with Washer 3/4" BSPF x 19 mm | 44015 | 25 | 30 | 9.4 |
| NUT AND TAIL with Washer 1" BSPF x 13 mm | 44025 | 25 | 27 | 10.3 |
| NUT AND TAIL with Washer 1" BSPF x 19 mm | 44035 | 25 | 23 | 9.6 |
| NUT AND TAIL with Washer 1" BSPF x 25 mm | 44045 | 25 | 18 | 9.0 |

Blank Nuts

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|---------------------------------|------------|---------------|------------------|-------------|
| BLANK NUT 3/4" BSPF with washer | 44505 | 25 | 50 | 10.6 |
| BLANK NUT 1" BSPF with washer | 44515 | 25 | 36 | 10.3 |



Filtration device designed to trap foreign particles in the water and reduce clogging of emitters.

Features

- In-Line model with single barb inlet and outlet.
- Snap-On model for direct connection to standard tap adaptors.
- 80 mesh screen filter.
- Easily taken apart for cleaning.
- Effective compact filter with minimal flow loss.

Applications

For low pressure (up to 300 kPa) micro irrigation systems.

In-Line Filters: 80 Mesh Screen

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|---------------------------|------------|---------------|------------------|-------------|
| IN-LINE FILTER 13 mm barb | 44355 | 25 | 14 | 10.9 |
| IN-LINE FILTER 14 mm barb | 44395 | 25 | 14 | 10.2 |
| IN-LINE FILTER 16 mm barb | 44365 | 25 | 12 | 9.9 |
| IN-LINE FILTER 19 mm barb | 44375 | 25 | 6 | 7.4 |



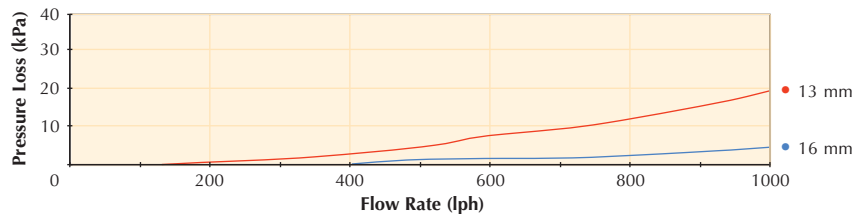
In-Line Filter

Snap-On Filter

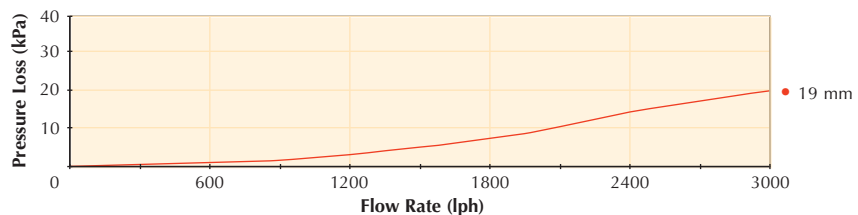
Snap-On Filters: 80 Mesh Screen

| TYPE | ORDER CODE | PACK QUANTITY | PACKS PER CARTON | CARTON (kg) |
|---------------------------|------------|---------------|------------------|-------------|
| SNAP-ON FILTER 13 mm barb | 44405 | 25 | 10 | 9.5 |
| SNAP-ON FILTER 14 mm barb | 44435 | 25 | 10 | 9.5 |
| SNAP-ON FILTER 16 mm barb | 44415 | 25 | 8 | 9.7 |
| SNAP-ON FILTER 19 mm barb | 44425 | 25 | 6 | 8.5 |

Pressure Loss: 13 mm and 16 mm Filter



Pressure Loss: 19 mm Filter



In-Line Filter screen detail

Specifications: In-Line Filter

| DIMENSIONS ASSEMBLED | 13,14, 16 mm | 19 mm | MATERIAL | BASE/CONNECTION TYPE |
|----------------------|--------------|--------|------------------------------|---|
| LENGTH | 132 mm | 175 mm | TAIL Inlet: acetal | Inlet: BARB 13, 14, 16 or 19 mm Outlet: BARB 13, 14, 16 or 19 mm |
| WIDTH | 33 mm | 40 mm | BODY Filter & NUT: polyprop. | |
| WEIGHT (approx) | 28 g | 43 g | WASHER: rubber | |
| | | | SCREEN: HDPE | |

Specifications: Snap-On Filter

| DIMENSIONS ASSEMBLED | 13,14, 16 mm | 19 mm | MATERIAL | BASE/CONNECTION TYPE |
|----------------------|--------------|--------|---|--|
| LENGTH | 134 mm | 175 mm | BODY Snap-On Inlet: acetal | Inlet: SNAP-ON CONNECTOR Outlet: BARB 13, 14, 16 or 19 mm |
| WIDTH | 33 mm | 40 mm | BODY Filter & SLEEVE Snap-On: polyprop. | |
| WEIGHT (approx) | 35 g | 51 g | WASHER: rubber | |
| | | | SCREEN: HDPE | |

