

The TORO logo is a red rounded rectangle with the word "TORO" in white, bold, sans-serif capital letters.

NGE™ DRIP EMITTERS AND SPIDER ASSEMBLIES

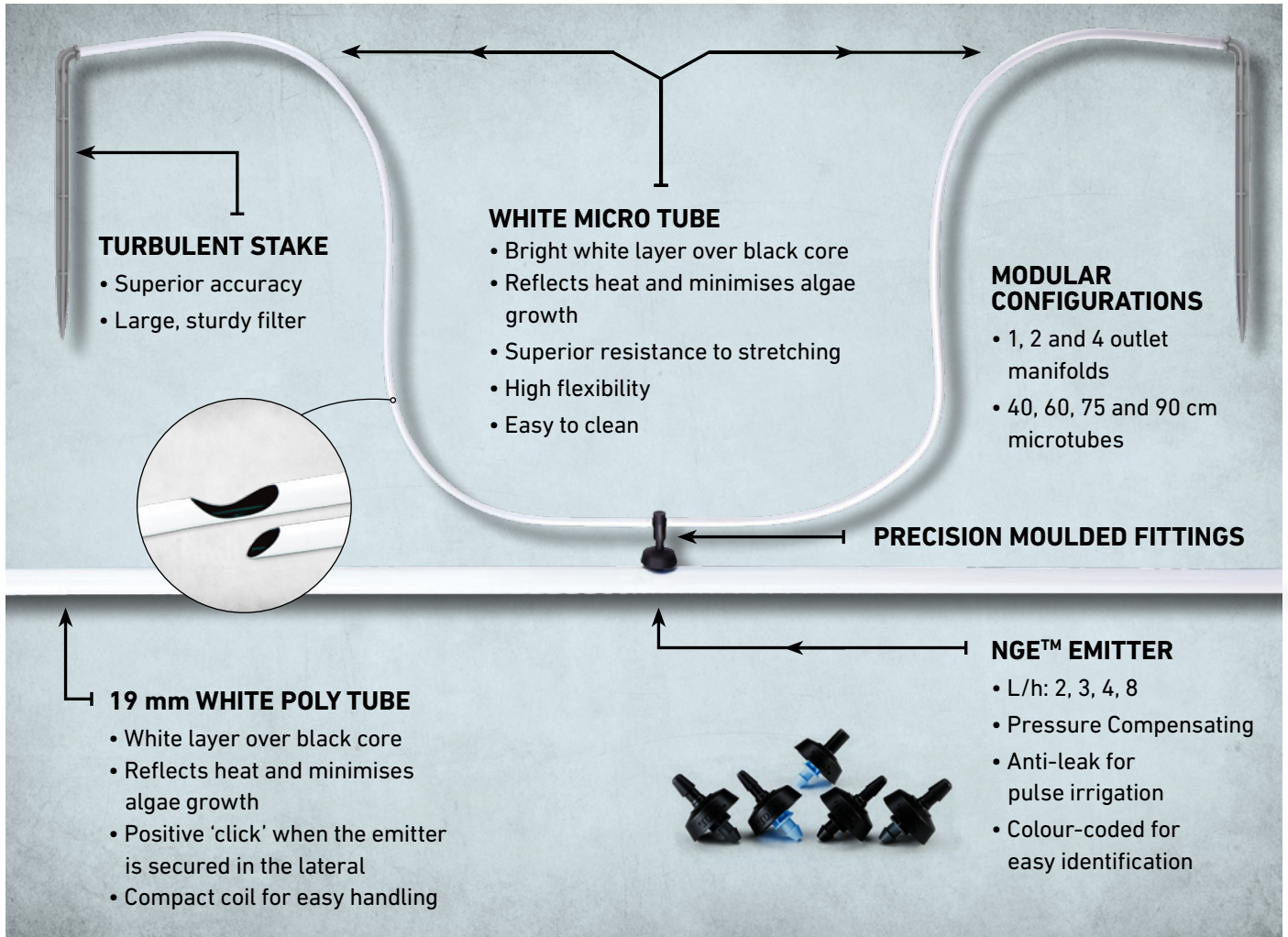


Precision delivery of water and nutrients
in greenhouse, nursery and landscape applications

WHITE SPIDER™ ASSEMBLIES

Quality Drip Irrigation for High Value Crops

White Spider assemblies used with NGE anti-leak pressure compensating (AL PC) emitters are ideal for pot and hydroponic watering in greenhouses and nurseries. By applying water directly to the root system, foliage remains dry, decreasing the risk of disease and water washing off chemicals applied to the foliage.



Manufactured from quality resins, the bright white tubing is highly reflective, durable, flexible and easy to clean. The precision moulded NGE emitters and fittings provide accuracy and durability over multiple crop cycles.

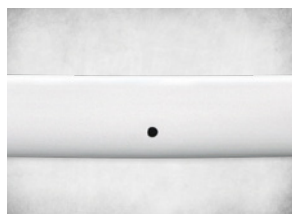
19 mm Pre-Punched White Poly Tube

Developed for use with Toro NGE emitters and White Spider assemblies to provide a complete drip system solution.

- Brilliant white
- Premium quality
- High visibility
- Highly temperature reflective
- Completely opaque



Bright white layer over black core reflects heat and minimises algae growth



Pre-punched for ease-of-use

WHITE PRE-PUNCHED POLY ORDERING INFORMATION

Model	Description
WPP19XXX-300	19 mm White Pre-Punched Poly Tube (300 m roll)
WPT19-300	19 mm White Unpunched Poly Tube (300 m roll)

XXX – specify the hole spacing in metres.

Example: 0.60 m spacing would be specified as WPP19060-300.

Custom coil lengths are available on request subject to availability and minimum order quantities. Please refer to customer service for details.

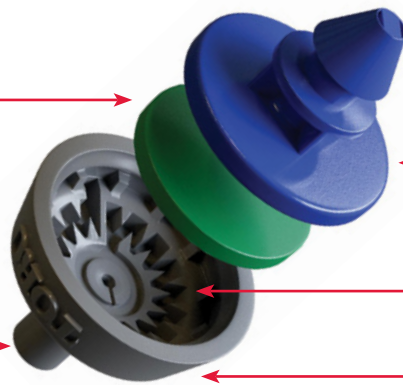
DURABLE, RELIABLE SYSTEM COMPONENTS

NGE PC Anti-Leak Emitters

Pressure compensating mechanism provides uniform flow

Available in 3 outlet types

- 3 mm barb suits
- 3 mm ID micro tube
- 4 mm barb suits
- 4 mm ID micro tube
- Male adaptor connects to Spider assemblies



Semi-circle inlet prevents large debris entering the emitter

Low CV for uniform discharge over wide pressure range

Wide labyrinth and turbulent flow path minimises clogging

Self-flushing design reduces debris build-up

SPECIFICATIONS

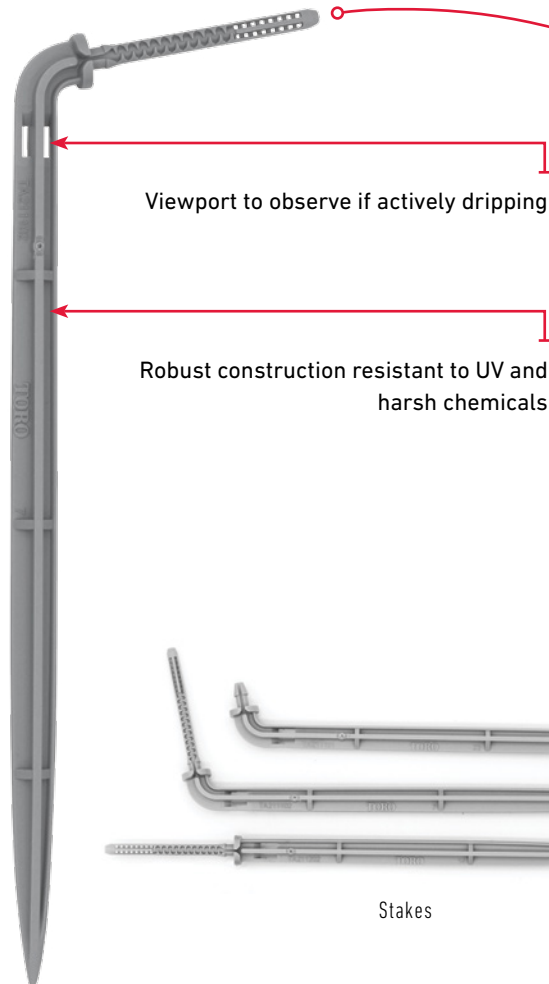
Operational

- Opening pressure: 90 kPa
- Closing pressure: 24 kPa
- Recommended filtration: 140 mesh

Flows Available

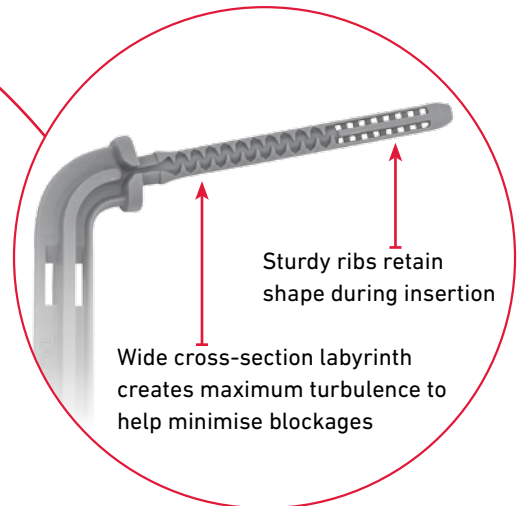
- 2L/h (Light Blue)
- 3L/h (Light Green)
- 4L/h (Grey)
- 8L/h (Light Red)

NGE Stakes



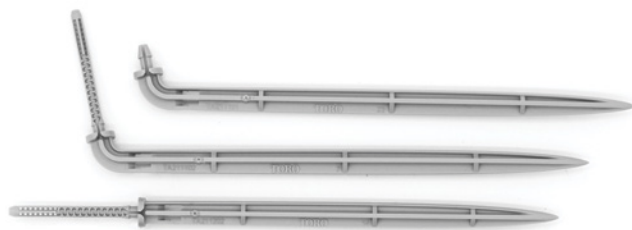
Viewport to observe if actively dripping

Robust construction resistant to UV and harsh chemicals



Sturdy ribs retain shape during insertion

Wide cross-section labyrinth creates maximum turbulence to help minimise blockages



Stakes



Assembly Adaptors

WHITE AND BLACK SPIDER ACCESSORIES ORDERING INFORMATION

Model	Description
PRE-CUT MICRO TUBE	
SFHWT0335-16	3 mm x 40 cm White Pre-Cut Tube
SFHWT0335-24	3 mm x 60 cm White Pre-Cut Tube
SFHWT0335-30	3 mm x 75 cm White Pre-Cut Tube
SFHT0332-16	3 mm x 40 cm Black Pre-Cut Tube
SFHT0332-24	3 mm x 60 cm Black Pre-Cut Tube
SFHT0332-30	3 mm x 75 cm Black Pre-Cut Tube
STAKES	
IPST0301BQ-G	Grey Barbed Elbow Stake
IPST0301-G	Grey Turbulent Flow Straight Stake
IPST0301Q-G	Grey Turbulent Flow Elbow Stake
IPSTT0301BQ	Black Barbed Elbow Stake
IPSTT0301	Black Turbulent Flow Straight Stake
IPSTT0301Q	Black Turbulent Flow Elbow Stake
ASSEMBLY ADAPTORS	
FBST1	1 Outlet Barbed Straight x Female Adaptor
FBST2	2 Outlet Barbed Tee x Female Adaptor
FBST4	4 Outlet Manifold x Female Adaptor

ORDERING INFORMATION



WHITE SPIDER STAKE ASSEMBLY - PRESSURE COMPENSATING (PC) AND ANTI-LEAK PC (AL)

Model	Description
DSW-02-3ALQB-40	2 L/h PC AL Emitter with Grey Barbed Elbow Stake, 40 cm White Tube
DSW-02-3ALQB-60	2 L/h PC AL Emitter with Grey Barbed Elbow Stake, 60 cm White Tube
DSW-03-3ALQB-40	3 L/h PC AL Emitter with Grey Barbed Elbow Stake, 40 cm White Tube
DSW-03-3ALQB-60	3 L/h PC AL Emitter with Grey Barbed Elbow Stake, 60 cm White Tube
DSW-04-3ALQB-40	4 L/h PC AL Emitter with Grey Barbed Elbow Stake, 40 cm White Tube
DSW-04-3ALQB-60	4 L/h PC AL Emitter with Grey Barbed Elbow Stake, 60 cm White Tube

Note: Barbed Stake is recommended for use on Spider Stake Assemblies



1 WAY SPIDER - WHITE AND BLACK

Model	Description
1 WAY WHITE DBS1WQBX-60	1 Way Manifold with Grey Barbed Elbow Stake, 60 cm White Tube
DBS1WQBX-75	1 Way Manifold with Grey Barbed Elbow Stake, 75 cm White Tube
1 WAY BLACK DBS1KQBX-60	1 Way Manifold with Black Barbed Elbow Stake, 60 cm Black Tube
DBS1KQBX-75	1 Way Manifold with Black Barbed Elbow Stake, 75 cm Black Tube

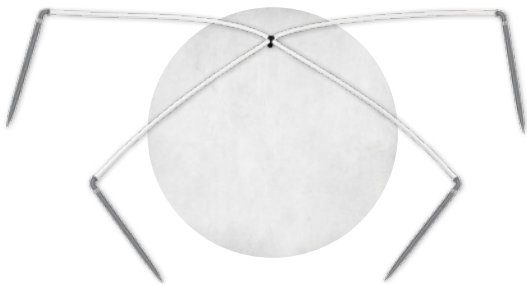
Note: Barbed Stake is recommended for use on 1 Way Spider



2 WAY SPIDER - WHITE AND BLACK

Model	Description
2 WAY WHITE DBS2WQTX-60	2 Outlet Barbed Tee with Grey Turbulent Elbow Stake, 2 x 60 cm White Tube
DBS2WQTX-75	2 Outlet Barbed Tee with Grey Turbulent Elbow Stake, 2 x 75 cm White Tube
2 WAY BLACK DBS2KQTX-60	2 Outlet Barbed Tee with Black Turbulent Elbow Stake, 2 x 60 cm Black Tube
DBS2KQTX-75	2 Outlet Barbed Tee with Black Turbulent Elbow Stake, 2 x 75 cm Black Tube

Note: Turbulent Stake is recommended for use on 2 Way Spider



4 WAY SPIDER - WHITE AND BLACK

Model	Description
4 WAY WHITE DBS4WQTX-60	4 Outlet Manifold Cross with Grey Turbulent Elbow Stake, 4 x 60 cm White Tube
DBS4WQTX-75	4 Outlet Manifold Cross with Grey Turbulent Elbow Stake, 4 x 75 cm Black Tube
4 WAY BLACK DBS4KQTX-60	4 Outlet Manifold Cross with Turbulent Elbow Stake, 4 x 60 cm Black Tube
DBS4KQTX-75	4 Outlet Manifold Cross with Turbulent Elbow Stake, 4 x 75 cm Black Tube

Note: Turbulent Stake is recommended for use on 4 Way Spider



NGE DRIP EMITTERS - PRESSURE COMPENSATING (PC) AND ANTI-LEAK (AL)

Model	Description
DPCT02-3-AL-BLUE	2 L/h PC AL Emitter - 3 mm Barb Outlet
DPCT02-4-AL-BLUE	2 L/h PC AL Emitter - 4 mm Barb Outlet
DPCT02-MA-AL-BLUE	2 L/h PC AL Emitter - Male Adaptor Outlet
DPCT03-3-AL-GRN	3 L/h PC AL Emitter - 3 mm Barb Outlet
DPCT03-4-AL-GRN	3 L/h PC AL Emitter - 4 mm Barb Outlet
DPCT03-MA-AL-GRN	3 L/h PC AL Emitter - Male Adaptor Outlet
DPCT04-3-AL-BLK	4 L/h PC AL Emitter - 3 mm Barb Outlet
DPCT04-4-AL-BLK	4 L/h PC AL Emitter - 4 mm Barb Outlet
DPCT04-MA-AL-BLK	4 L/h PC AL Emitter - Male Adaptor Outlet
DPCT08-3-AL-RED	8 L/h PC AL Emitter - 3 mm Barb Outlet
DPCT08-4-AL-RED	8 L/h PC AL Emitter - 4 mm Barb Outlet
DPCT08-MA-AL-RED	8 L/h PC AL Emitter - Male Adaptor Outlet

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Company policy is one of constant improvement and therefore changes in specifications may be made without notice and without incurring liability.



Count on it.