

# Pro-Loc™ Fittings

## Micro-Irrigation



### Easy to Spot. Tough to Beat.

Easy-to-install Pro-Loc drip tape fittings are available in a wide range of configurations, including a full line of valve options. Pro-Loc fittings are also available for hose and dripline — designed to last for the life of the irrigation system.

### Features and Benefits

Pro-Loc fittings deliver the quality you expect from Toro for reliable performance, season after season.

#### Pro-Loc Fittings

- Tight Seal — Coarse thread ensures a tight seal, even in dirty conditions.
- Easy to Install — Easy-to-grip nut provides a secure connection every time.

#### Pro-Loc Drip Tape Fittings

- Easy to See — Bright blue nut makes tape fittings easy to find, remove and reuse.
- Low Profile — Compact design doesn't interfere with retrieving the tape.

**Female Hose Swivel Fittings Now Available for Hose and Dripline**



# DRIP TAPE FITTINGS

PRO-LOC TAPE FITTINGS		
<b>Couplings</b>		
	FTC500	5/8" Tape Coupling
	FTC700	7/8" Tape Coupling
	FTC800	1" Tape Coupling
<b>Barb Adapters</b>		
	FTA5-250B	5/8" Tape x 250 Series Barb Adapter
	FTA5-400B	5/8" Tape x 400 Series Barb Adapter
	FTA5-700B	5/8" Tape x 700 Series Barb Adapter
	FTA7-700B	7/8" Tape x 700 Series Barb Adapter
	FTA5-425G	5/8" Tape x 425 Series Barb Adapter with Integral Gasket*
	FTA5-425GR	5/8" Tape x 425 Series Barb Adapter with Rubber Grommet*
	FTA7-425GR	7/8" Tape x 425 Series Barb Adapter with Rubber Grommet*
<b>Grommets</b>		
	FTHG4	Top Hat Grommet for 400 - 425 Series Barbs
<b>Adapters</b>		
	FTA5-75FHS	5/8" Tape x 3/4" Female Hose Swivel Adapter
	FTA5-75MPT	5/8" Tape x 3/4" MPT Male Adapter
	FTA7-75MPT	7/8" Tape x 3/4" MPT Male Adapter
<b>Flush Valves</b>		
	FFVFPT-L	Automatic Flush Valve x 3/4" Female Low Flow - White
	FFVFPT-H	Automatic Flush Valve x 3/4" Female High Flow - Red
	FTA5-FVL	5/8" Tape x Low Pressure Flush Valve
	FTA7-FVL	7/8" Tape x Low Pressure Flush Valve
<b>Layflat Takeoff Fittings</b>		
	FTA5-LF	5/8" Tape x Layflat Takeoff - Single Grip**
	FTA7-LF	7/8" Tape x Layflat Takeoff - Single Grip**
	FTA5-LF2	5/8" Tape x Layflat Takeoff - Double Grip**

PRO-LOC TAPE FITTINGS		
<b>Barbed Hose Adapters</b>		
	FTA5-500HB	5/8" Tape x 500 Series Hose Barb Adapter
	FTA5-700HB	5/8" Tape x 700 Series Hose Barb Adapter
	FTA7-700HB	7/8" Tape x 700 Series Hose Barb Adapter
<b>Hose Nut Adapters</b>		
	FTA5-600HN	5/8" Tape x 600 Series Pro-Loc Adapter with Locking Nut
<b>Tees</b>		
	FTT500	5/8" Tape Tee
	FTT700	7/8" Tape Tee
<b>Barbed Tees</b>		
	FTT5-500HB	5/8" Tape Tee x 500 Series Hose Barb
	FTT5-700HB	5/8" Tape Tee x 700 Series Hose Barb
<b>Shutoff Valves</b>		
	FTV500	5/8" Tape Shutoff Valve
	FTV700	7/8" Tape Shutoff Valve
	FTV5-250B	5/8" Tape x 250 Barb Adapter Shutoff Valve
	FTV7-250B	7/8" Tape x 250 Barb Adapter Shutoff Valve
	FTV5-400B	5/8" Tape x 400 Barb Adapter Shutoff Valve
	FTV7-400B	7/8" Tape x 400 Barb Adapter Shutoff Valve
<b>Barbed Shutoff Valve with Locking Nut</b>		
	FTV5-420BN	5/8" Tape x 420 Series Barb with Locking Nut Shutoff Valve
	FTV5-500HN	5/8" Tape x 500 Series Hose Barb with Locking Nut Shutoff Valve
<b>Barbed Shutoff Valves</b>		
	FTV5-500HB	5/8" Tape x 500 Series Hose Barb Shutoff Valve
	FTV7-500HB	7/8" Tape x 500 Series Hose Barb Shutoff Valve
<b>Layflat Takeoff Shutoff Valve</b>		
	FTV5-LF	5/8" Tape x Layflat Takeoff Shutoff Valve**
	FTV7-LF	7/8" Tape x Layflat Takeoff Shutoff Valve**

\* 15mm or 0.59" drill size

\*\* Requires a 14mm layflat punch

Note: For Tape x Tubing Assemblies, see page 15

# HOSE AND DRIPLINE FITTINGS

PRO-LOC HOSE AND DRIPLINE FITTINGS		
<b>Couplings</b>		
	FHC500	500 Series Pro-Loc Coupling
	FHC600	600 Series Pro-Loc Coupling
	FHC700	700 Series Pro-Loc Coupling
	FHC800	800 Series Pro-Loc Coupling
<b>Threaded Adapters</b>		
	FHA5-50MPT	500 Series Pro-Loc x 1/2" Male Pipe Thread Adapter
	FHA6-50MPT	600 Series Pro-Loc x 1/2" Male Pipe Thread Adapter
	FHA7-50MPT	700 Series Pro-Loc x 1/2" Male Pipe Thread Adapter
	FHA5-75MPT	500 Series Pro-Loc x 3/4" Male Pipe Thread Adapter
	FHA6-75MPT	600 Series Pro-Loc x 3/4" Male Pipe Thread Adapter
	FHA7-75MPT	700 Series Pro-Loc x 3/4" Male Pipe Thread Adapter
	FHA8-75MPT	800 Series Pro-Loc x 3/4" Male Pipe Thread Adapter
	<b>Threaded Adapters x 3/4" Female Hose Swivel</b>	
	FHA5-75FHS	500 Ser Pro-Loc x 3/4" Female Hose Swivel
	FHA6-75FHS	600 Ser Pro-Loc x 3/4" Female Hose Swivel
	FHA7-75FHS	700 Ser Pro-Loc x 3/4" Female Hose Swivel
	FHA8-75FHS	800 Ser Pro-Loc x 3/4" Female Hose Swivel
	FHA5-75FHSS	500 Ser Pro-Loc x 3/4" Female Hose Swivel with Screen
	FHA6-75FHSS	600 Ser Pro-Loc x 3/4" Female Hose Swivel with Screen
	FHA7-75FHSS	700 Ser Pro-Loc x 3/4" Female Hose Swivel with Screen
	FHA8-75FHSS	800 Ser Pro-Loc x 3/4" Female Hose Swivel with Screen

PRO-LOC HOSE AND DRIPLINE FITTINGS		
<b>Barbed Adapters with Rubber Grommet</b>		
	FHA5-425RG	500 Series Pro-Loc x 425 Series Barb with Rubber Grommet*
	FHA6-425RG	600 Series Pro-Loc x 425 Series Barb with Rubber Grommet*
	FHA7-425RG	700 Series Pro-Loc x 425 Series Barb with Rubber Grommet*
	FHA8-425RG	800 Series Pro-Loc x 425 Series Barb with Rubber Grommet*
<b>Layflat Takeoffs</b>		
	FHA5-LF	500 Series Pro-Loc x Layflat Takeoff Single Grip**
	FHA6-LF	600 Series Pro-Loc x Layflat Takeoff Single Grip**
	FHA7-LF	700 Series Pro-Loc x Layflat Takeoff Single Grip**
	FHA8-LF	800 Series Pro-Loc x Layflat Takeoff Single Grip**
	FHA5-LF2	500 Series Pro-Loc x Layflat Takeoff Double Grip**

\* 15mm or 0.59" drill size

\*\* Requires a 14mm layflat punch

## PRO-LOC HOSE AND DRIPLINE FITTINGS SELECTION GUIDE

Series Number	Inside Diameter Tolerance		Wall Thickness Tolerance	
	Inches	Millimeters	Inches	Millimeters
500	0.519 - 0.590	13.2 - 15.0	0.020 - 0.055	0.50 - 1.40
600	0.598 - 0.649	15.2 - 16.5	0.030 - 0.055	0.75 - 1.40
700	0.677 - 0.728	17.2 - 18.5	0.032 - 0.055	0.80 - 1.40
800	0.787 - 0.846	20.0 - 21.5	0.040 - 0.059	1.00 - 1.50

# HOSE AND DRIPLINE FITTINGS

PRO-LOC HOSE AND DRIPLINE FITTINGS		
<b>Elbows</b>		
	FHE500	500 Series Pro-Loc Elbow
	FHE600	600 Series Pro-Loc Elbow
	FHE700	700 Series Pro-Loc Elbow
	FHE800	800 Series Pro-Loc Elbow
<b>Tees</b>		
	FHT500	500 Series Pro-Loc Tee
	FHT600	600 Series Pro-Loc Tee
	FHT700	700 Series Pro-Loc Tee
	FHT800	800 Series Pro-Loc Tee
<b>Tee x 3/4" Male Pipe Thread</b>		
	FHT5-75MPT	500 Series Pro-Loc Tee x 3/4" Male Pipe Thread
	FHT6-75MPT	600 Series Pro-Loc Tee x 3/4" Male Pipe Thread
	FHT7-75MPT	700 Series Pro-Loc Tee x 3/4" Male Pipe Thread
	FHT8-75MPT	800 Series Pro-Loc Tee x 3/4" Male Pipe Thread
<b>Tees x 3/4" Female Hose Swivel</b>		
	FHT5-75FHS	500 Ser Pro-Loc Tee x 3/4" Female Hose Swivel
	FHT6-75FHS	600 Ser Pro-Loc Tee x 3/4" Female Hose Swivel
	FHT7-75FHS	700 Ser Pro-Loc Tee x 3/4" Female Hose Swivel
	FHT8-75FHS	800 Ser Pro-Loc Tee x 3/4" Female Hose Swivel
	FHT5-75FHSS	500 Ser Pro-Loc Tee x 3/4" Female Hose Swivel with Screen
	FHT6-75FHSS	600 Ser Pro-Loc Tee x 3/4" Female Hose Swivel with Screen
	FHT7-75FHSS	700 Ser Pro-Loc Tee x 3/4" Female Hose Swivel with Screen
	FHT8-75FHSS	800 Ser Pro-Loc Tee x 3/4" Female Hose Swivel with Screen

PRO-LOC HOSE AND DRIPLINE FITTINGS		
<b>Shutoff Valves</b>		
	FHV500	500 Series Pro-Loc Shutoff Valve
	FHV600	600 Series Pro-Loc Shutoff Valve
	FHV700	700 Series Pro-Loc Shutoff Valve
	FHV6-250B	600 Series Pro-Loc x 250 Series Barb Shutoff Valve
	FHV6-425G	600 Series Pro-Loc x 425 Series Barb Shutoff Valve with Grommet
<b>Male Thread Shutoff Valves</b>		
	FHV5-50MPT	500 Series Pro-Loc x 1/2" Male Pipe Thread Shutoff Valve
	FHV6-50MPT	600 Series Pro-Loc x 1/2" Male Pipe Thread Shutoff Valve
	FHV7-50MPT	700 Series Pro-Loc x 1/2" Male Pipe Thread Shutoff Valve
	FHV5-75MPT	500 Series Pro-Loc x 3/4" Male Pipe Thread Shutoff Valve
	FHV6-75MPT	600 Series Pro-Loc x 3/4" Male Pipe Thread Shutoff Valve
	FHV7-75MPT	700 Series Pro-Loc x 3/4" Male Pipe Thread Shutoff Valve
		FHV75MHT-75FHS

\* 15mm or 0.59" drill size

## PRO-LOC HOSE AND DRIPLINE FITTINGS SELECTION GUIDE

Series Number	Inside Diameter Tolerance		Wall Thickness Tolerance	
	Inches	Millimeters	Inches	Millimeters
500	0.519 - 0.590	13.2 - 15.0	0.020 - 0.055	0.50 - 1.40
600	0.598 - 0.649	15.2 - 16.5	0.030 - 0.055	0.75 - 1.40
700	0.677 - 0.728	17.2 - 18.5	0.032 - 0.055	0.80 - 1.40
800	0.787 - 0.846	20.0 - 21.5	0.040 - 0.059	1.00 - 1.50

# HOSE AND DRIPLINE FITTINGS

BARBED HOSE AND DRIPLINE FITTINGS		
Barbed Couplings		
	FBC400B	400 Series Barb Coupling
	FBC500	500 Series Barb Coupling
	FBC700	700 Series Barb Coupling
	FBC1000	1000 Series Barb Coupling
	FBC1200	1200 Series Barb Coupling
	FBC1400	1400 Series Barb Coupling
Barbed Tees		
	FBT500	500 Series Barb Tee
	FBT700	700 Series Barb Tee
	FBT1000	1000 Series Barb Tee
	FBT1200	1200 Series Barb Tee
	FBT1400	1400 Series Barb Tee

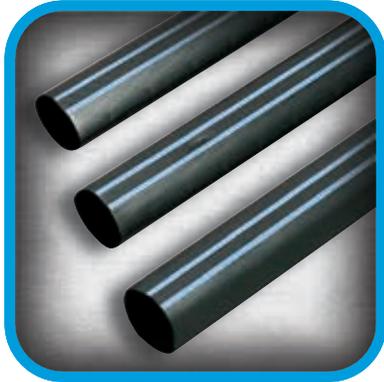
## BARBED HOSE AND DRIPLINE FITTINGS SELECTION CHART

Series Number	Inside Diameter	
	Inches	Millimeters
500	0.519	13.2
700	0.661	16.8
1000	0.850	21.6
1200	1.110	28.2
1400	1.385	35.2

BARBED HOSE AND DRIPLINE FITTINGS		
Male Thread Adapters		
	FBA5-50MPT	500 Series Barb x 1/2" Male Pipe Thread Adapter
	FBA7-50MPT	700 Series Barb x 1/2" Male Pipe Thread Adapter
	FBA10-50MPT	1000 Series Barb x 1/2" Male Pipe Thread Adapter
	FBA5-75MPT	500 Series Barb x 3/4" Male Pipe Thread Adapter
	FBA7-75MPT	700 Series Barb x 3/4" Male Pipe Thread Adapter
	FBA10-75MPT	1000 Series Barb x 3/4" Male Pipe Thread Adapter

INSTALLATION TOOLS		
Layflat installation Tools		
	LF-INST	T-Handle Hex Tool for Layflat Installation
	LF-CUT14	Layflat Cutter - 14mm
	LF-CUT16	Layflat Cutter - 16mm
	LF-CUT19	Layflat Cutter - 19mm
400 Series Barb Tool		
	INS-400SX	400B Cutting and Inserting Tool - Extra Short
	INS-400S	400B Cutting and Inserting Tool - Short
	INS-400AS	400B Cutting and Inserting Tool with Adjustable Tip - Short
	INS-400AL	400B Cutting and Inserting Tool with Adjustable Tip - Long
	TIP-400SX	400B Replacement Tip - Extra Short
	TIP-400S	400B Replacement Tip - Short
	TIP-400AS	400B Replacement Adjustable Tip - Short
	TIP-400AL	Replacement Adjustable Tip - Long

# Toro Micro-Irrigation Products



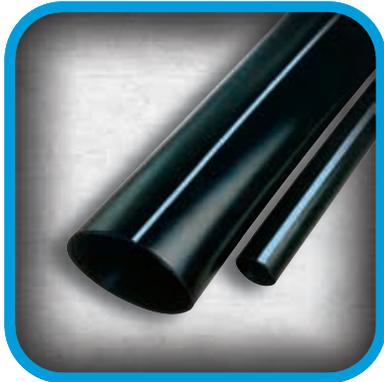
**Aqua-Traxx®**  
with the **PBX Advantage**



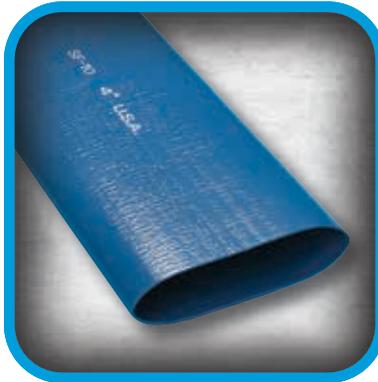
**Aqua-Traxx®<sup>PC</sup>**



**BlueLine®<sup>PC</sup> & BlueLine™ Classic™**



**Blue Stripe® Round & Oval Hose**



**Layflat**



**Oval Hose & Layflat Fittings**



**IPS Flexible PVC**



**Aqua-Clear Fiberglass Sand Filters**



**Air Vents**

## **Toro Irrigation Solutions**

**PRECISE. EFFICIENT. PRACTICAL.**

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Micro-Irrigation Business  
1588 N. Marshall Avenue, El Cajon, CA 82020-1523, USA  
Tel: +1 (800) 333-8125 or +1 (619) 562-2950  
Fax: +1 (800) 892-1822 or +1 (619) 258-9973

**toro.com**

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**Count on it.**