

PREMIUM DRIP TAPE

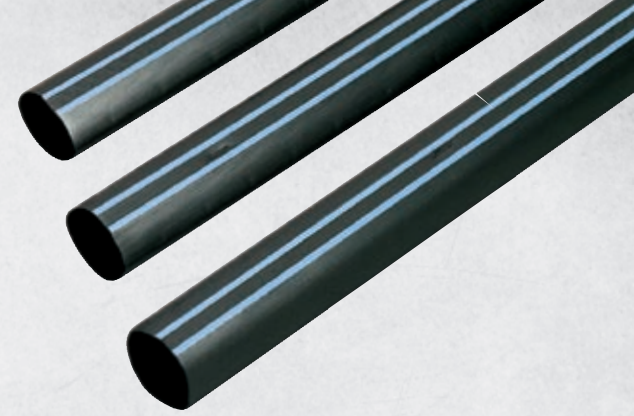
**TORO**<sup>®</sup>

**Aqua-Traxx**<sup>®</sup>  
with the **PBX Advantage**



# Aqua-Traxx®

with the PBX Advantage



## The Standard in Drip Irrigation

Aqua-Traxx® premium drip tape can help you increase yield and water-use efficiency, and also improve crop quality by putting water and fertiliser right where you need them. Choose emitter spacing from 10 cm to 90 cm (4" to 36") — with no cost increase — for precise placement and flexibility when designing your system. Find the perfect tape for your application with a wide variety of available flow rates, wall thicknesses and internal diameters, most requiring just 140-mesh (105 micron) filtration. The PBX Advantage increases durability, clog resistance and uniformity to set Aqua-Traxx® apart from ordinary drip tapes.

## Features:

- Designed and moulded with the PBX Advantage for increased durability, clog resistance and uniform output
- Available in three diameters and six wall thicknesses, including more-affordable 5/8" (16 mm) 6 mil and 7/8" (22 mm) 8 mil
- Most flow rates require just 140-mesh (105 micron) filtration
- Easily identifiable double blue stripe to aid in correct installation
- Each coil laser etched with code and manufacture date for easy infield identification
- Precision laser incised outlet slit provides superior accuracy and consistency

- Emitter spacing options for all soils
- Widest selection of flow rates
- Accurate delivery of water and fertiliser
- Superior clogging resistance
- Seamless construction for durability

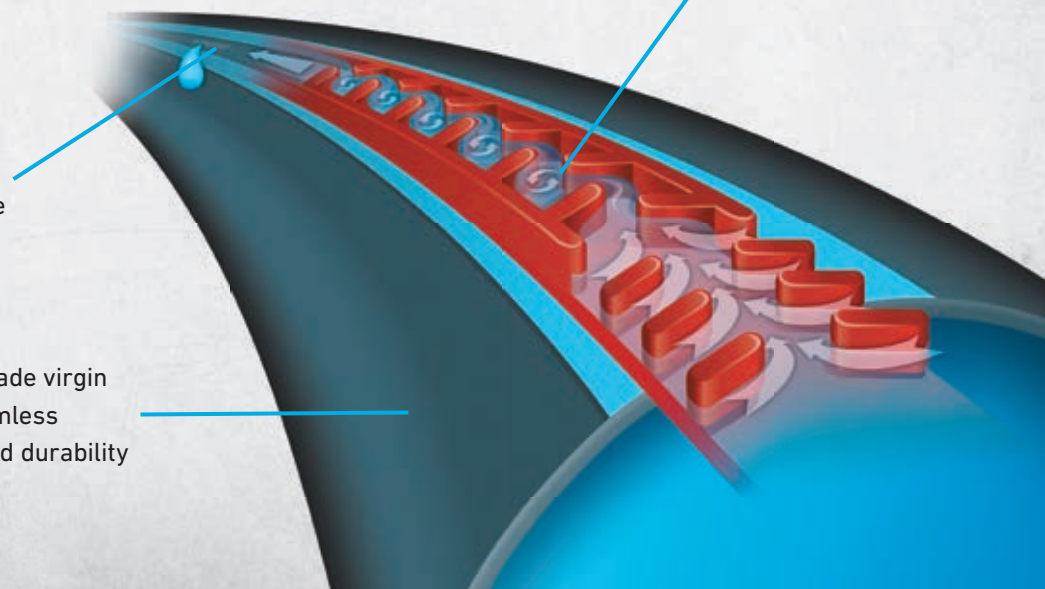
## The PBX Advantage:

Aqua-Traxx® premium drip tape is designed and moulded with a high level of precision, resulting in manufacturing consistency over 97 percent — the best in the industry. With Toro, you get greater reliability and more uniform output compared to ordinary tapes: That's the PBX Advantage.

Precision-moulded emitters resist clogging and promote uniform output

Engineering-grade virgin resins and seamless construction add durability

Proportionally Balanced Cross-Section (PBX) increases flow turbulence and velocity



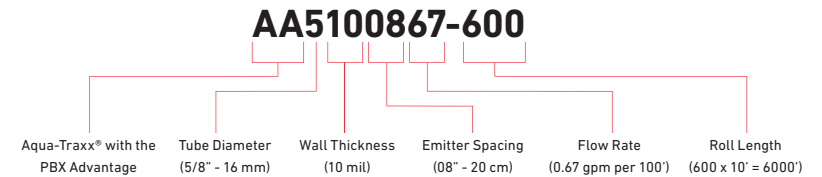
## Aqua-Traxx<sup>®</sup> FLOW RATES

Emitter Flow Part Number	Outlet Spacing		Emitter Flow Rate				Emitter Exponent	Filtration Requirement				
	cm	gph @ 8 psi	lph @ 55 kPa	gpm/100 ft @ 8 psi	lph/1 metre @ 55 kPa	mesh		micron				
<b>0.07 gph emitter</b>												
AAxxx0817	20	0.07	0.26	0.17	1.30	0.55	200	74				
AAxxx1609	40	0.07	0.26	0.09	0.65							
<b>0.09 gph emitter</b>												
AAxxx0822	20	0.09	0.34	0.22	1.66	0.55	200	74				
AAxxx1611	40	0.09	0.34	0.11	0.83							
<b>0.10 gph emitter</b>												
AAxxx0825	20	0.10	0.38	0.25	1.86	0.55	200	74				
AAxxx1613	40	0.10	0.38	0.13	0.93							
<b>0.13 gph emitter</b>												
AAxxx0467	10	0.13	0.51	0.67	4.99	0.5	140	105				
AAxxx0644	15	0.13	0.51	0.44	3.33							
AAxxx0834	20	0.13	0.51	0.34	2.50							
AAxxx1222	30	0.13	0.51	0.22	1.66							
AAxxx1617	40	0.13	0.51	0.17	1.25							
AAxxx1814	45	0.13	0.51	0.14	1.11							
AAxxx2411	60	0.13	0.51	0.11	0.83							
<b>0.15 gph emitter</b>												
AAxxx0650	15	0.15	0.57	0.50	3.73				0.5	140	105	
AAxxx1225	30	0.15	0.57	0.25	1.86							
AAxxx1817	45	0.15	0.57	0.17	1.24							
<b>0.165 gph emitter</b>												
AAxxx1034	25	0.17	0.62	0.34	2.50	0.5	140	105				
<b>0.20 gph emitter</b>												
AAxxx04100	10	0.20	0.76	1.00	7.47	0.5	140	105				
AAxxx0667	15	0.20	0.76	0.67	4.99							
AAxxx0850	20	0.20	0.76	0.50	3.74							
AAxxx1234	30	0.20	0.76	0.34	2.50							
AAxxx1625	40	0.20	0.76	0.25	1.87							
AAxxx1822	45	0.20	0.76	0.22	1.67							
AAxxx2417	60	0.20	0.76	0.17	1.25							
<b>0.27 gph emitter</b>												
AAxxx04134	10	0.27	1.01	1.34	9.99	0.5	140	105				
AAxxx0690	15	0.27	1.01	0.90	6.66							
AAxxx0867	20	0.27	1.01	0.67	4.99							
AAxxx1245	30	0.27	1.01	0.45	3.33							
AAxxx1634	40	0.27	1.01	0.34	2.50							
AAxxx1830	45	0.27	1.01	0.30	2.22							
AAxxx2422	60	0.27	1.01	0.22	1.67							
<b>0.34 gph emitter</b>												
AAxxx04168	10	0.34	1.27	1.68	12.48	0.5	140	105				
AAxxx06112	15	0.34	1.27	1.12	8.33							
AAxxx0884	20	0.34	1.27	0.84	6.24							
AAxxx1069	25	0.34	1.27	0.69	5.06							
AAxxx1256	30	0.34	1.27	0.56	4.16							
AAxxx1642	40	0.34	1.27	0.42	3.12							
AAxxx1838	45	0.34	1.27	0.38	2.78							
AAxxx2428	60	0.34	1.27	0.28	2.08							
<b>0.53 gph emitter</b>												
AAxxx04265	10	0.53	2.01	2.65	19.75	0.5	140	105				
AAxxx08133	20	0.53	2.01	1.33	9.87							
AAxxx1288	30	0.53	2.01	0.88	6.58							
AAxxx1666	40	0.53	2.01	0.66	4.94							
AAxxx2444	60	0.53	2.01	0.44	3.29							
AAxxx3629	90	0.53	2.01	0.29	2.19							

## Aqua-Traxx<sup>®</sup> WALL THICKNESS

Diameter	Wall Thickness	Operating Pressure		Roll Length		Roll Weight
		kPa (min)	kPa (max <sup>1</sup> )	ft	metres	kg
5/8" (16 mm) 0.635"	5 mil	30	70	13,000	3,962	33
	6 mil	30	80	10,000	3,048	29
	8 mil	30	100	7,500	2,286	30
	10 mil	30	100	6,000	1,829	29
	12 mil	30	100	5,100	1,554	29
7/8" (22 mm) 0.880"	15 mil	30	100	4,000	1,219	29
	6 mil	30	70	7,380	2,250	31
	8 mil	30	100	6,000	1,829	33
	10 mil	30	100	4,400	1,341	32
	12 mil	30	100	4,000	1,219	33
1-1/8" (28 mm) 1.130"	15 mil	30	100	3,000	914	30
	10 mil	30	100	4,200	1,280	31
	12 mil	30	100	3,300	1,005	30
	15 mil	30	100	2,400	732	28

## PBX CODE BUILDER



## KEY

PART NUMBER: AA5100867-600  
 AA = Aqua-Traxx<sup>®</sup> with the PBX Advantage  
 5 = Diameter (5/8")  
 10 = Wall Thickness (10 mil)  
 08 = Emitter Spacing (08")  
 67 = Flow Rate (0.67 gpm/100')  
 600 = Roll Length (feet/10)

\*X denotes the diameter - 5 for 5/8", 7 for 7/8" and 9 for 1 1/8"  
 \*\*xx denotes mil (1/1000th of an inch) thickness.  
 Metric outlet spacing expressed in nominal length.  
 Gph and gpm represent US gallons.  
 Coefficient of Variation (CV) Less than 3%.  
<sup>1</sup>Maximum pressure within laterals while operating or flushing  
 Not all configurations are available in all regions

There is a Toro Aqua-Traxx<sup>®</sup> premium drip tape for every application. Call your local Toro dealer if you have any questions about choosing the best tape for your crop, soil type and terrain. You can also find AquaFlow, Toro's drip irrigation system design program, at [driptips.toro.com](http://driptips.toro.com).

## Australian made irrigation for Australian growers

With manufacturing facilities in South Australia, you can be certain Toro irrigation products are manufactured to withstand the harsh Australian environment.

Market demands, weather patterns and resource availability change every day, so precision agriculture practices must evolve to stay ahead.

From increasing yield and improving quality to making the best use of available resources, irrigation technology is evolving, with more precise control over the time, energy and water you invest in your crop.

Toro Aqua-Traxx® premium drip tape is an innovative step in the evolution of drip irrigation, providing unmatched clog resistance, durability and precision placement of your valuable water and fertiliser.



### Pro-Loc fittings, engineered for use with Aqua-Traxx®

Easy to install Pro-Loc fittings offer a comprehensive range of configurations including couplings, layflat take-offs and valve options. Engineered for use with Aqua-Traxx® drip tape, Pro-Loc fittings are designed to last for the life of the irrigation system. For best system results, always demand genuine Toro Pro-Loc fittings.



Visit [toro.com.au](http://toro.com.au) or call  
1300 130 898 for more information or  
to find your nearest Toro dealer.

Visit [driptips.toro.com](http://driptips.toro.com) to learn  
more about drip irrigation and how  
it can help you.



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