



Ag

AQUA-TRAXX[®]
AZUL[™]

80 mesh



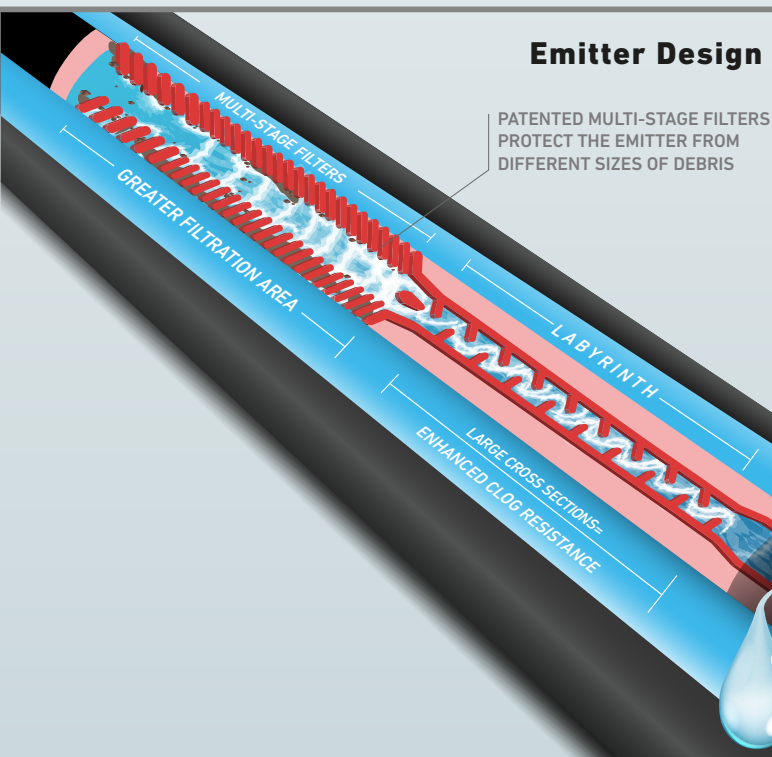
THE MOST CLOG RESISTANT DRIP TAPE IN THE INDUSTRY

Toro Aqua-Traxx[®] Azul[™] drip tape offers an innovative emitter design with patented multi-stage filters that protect the labyrinth from debris and maximizes clog resistance and performance. Now you get the same great quality and performance you expect from Aqua-Traxx with even more clog resistance and less worry.

FEATURES & BENEFITS

- Available in nine (9) emitter flow rates ranging from 0.07 gph Ultra Low Flow through 0.34 gph High Flow.
- Enhanced clog resistance with filtration requirements as low as 80 mesh - lowest for any drip tape!
- Greater filtration area with patented multi-stage filters.
- Optimized flow passages further resist clogging.
- Coefficient of variation (Cv) less than 3%.
- Emitter Barb Factor (Kd) = 0.

Emitter Design



NOW WITH
INDUSTRY FIRST
80 MESH
FILTRATION REQUIREMENT

Conserving water, reducing labor and
minimizing risk of clogging!

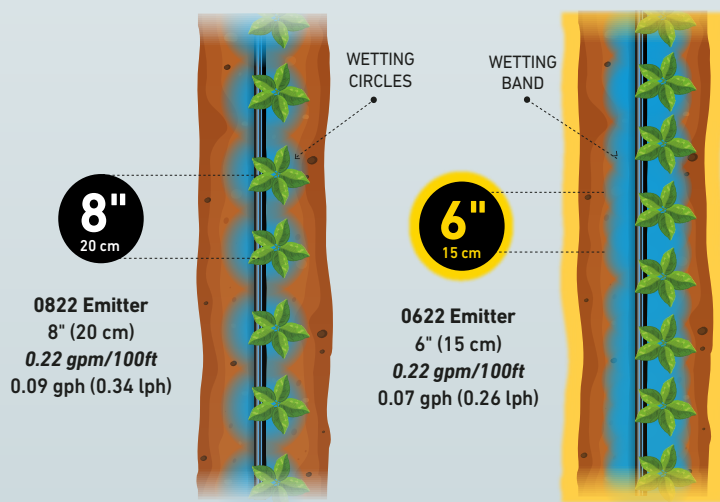
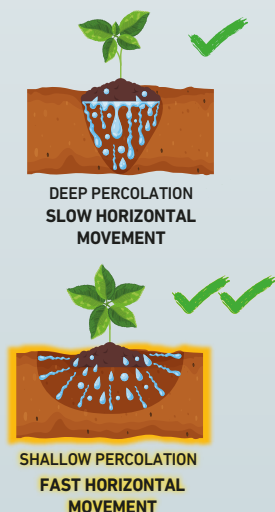
AQUA-TRAXX® AZUL™ EMITTER CHART BY FLOW RATE

Emitter Flow	Part Number	Outlet Spacing		Emitter Flow Rate				Q-100				Emitter Exponent	Filtration Requirement	
		in	cm	gph		lph		gpm/100 ft		lph/1 meter				
				@ 8 psi	@ 10 psi	@ 0.55 bar	@ 0.7 bar	@ 8 psi	@ 10 psi	@ 0.55 bar	@ 0.7 bar			
Ultra Low Flow	0.07 gph emitter	EAXxx0622	6	15	0.07	0.08	0.26	0.30	0.22	0.26	1.64	1.94	0.50	140 (105)
		EAXxx0817	8	20	0.07	0.08	0.26	0.30	0.17	0.20	1.30	1.47	0.55	120 (125)
		EAXxx1211	12	30	0.07	0.08	0.26	0.30	0.11	0.13	0.82	0.97	0.50	140 (105)
		EAXxx1609	16	40	0.07	0.08	0.26	0.30	0.09	0.10	0.65	0.74	0.55	120 (125)
	0.08 gph emitter	EAXxx0625	6	15	0.08	0.09	0.30	0.34	0.25	0.30	1.86	2.21	0.50	140 (105)
		EAXxx1213	12	30	0.08	0.09	0.30	0.34	0.13	0.15	0.93	1.11	0.50	140 (105)
	0.09 gph emitter	EAXxx0822	8	20	0.09	0.10	0.34	0.38	0.22	0.25	1.66	1.88	0.55	120 (125)
		EAXxx1611	16	40	0.09	0.10	0.34	0.38	0.11	0.13	0.83	0.94	0.55	120 (125)
	0.10 gph emitter	EAXxx0825	8	20	0.10	0.11	0.38	0.43	0.25	0.28	1.86	2.11	0.50	120 (125)
		EAXxx1613	16	40	0.10	0.11	0.38	0.43	0.13	0.14	0.93	1.05	0.50	120 (125)
	0.13 gph emitter	EAXxx0467	4	10	0.13	0.15	0.51	0.57	0.67	0.75	4.99	5.58	0.50	120 (125) ⁽¹⁾
		EAXxx0644	6	15	0.13	0.15	0.51	0.57	0.44	0.50	3.33	3.72	0.50	120 (125) ⁽¹⁾
		EAXxx0834	8	20	0.13	0.15	0.51	0.57	0.34	0.37	2.50	2.79	0.50	120 (125) ⁽¹⁾
		EAXxx1222	12	30	0.13	0.15	0.51	0.57	0.22	0.25	1.66	1.86	0.50	100 (149) ⁽²⁾
		EAXxx1617	16	40	0.13	0.15	0.51	0.57	0.17	0.19	1.25	1.40	0.50	100 (149) ⁽²⁾
		EAXxx1814	18	45	0.13	0.15	0.51	0.57	0.14	0.17	1.11	1.24	0.50	100 (149) ⁽²⁾
		EAXxx2411	24	60	0.13	0.15	0.51	0.57	0.11	0.12	0.83	0.93	0.50	100 (149) ⁽²⁾
	0.15 gph emitter	EAXxx0650	6	15	0.15	0.17	0.57	0.63	0.50	0.56	3.73	4.17	0.50	100 (149) ⁽²⁾
		EAXxx1225	12	30	0.15	0.17	0.57	0.63	0.25	0.28	1.86	2.08	0.50	100 (149) ⁽²⁾
		EAXxx1817	18	45	0.15	0.17	0.57	0.63	0.17	0.19	1.24	1.39	0.50	100 (149) ⁽²⁾
	0.20 gph emitter	EAXxx04100	4	10	0.20	0.22	0.76	0.85	1.00	1.12	7.47	8.36	0.50	100 (149) ⁽²⁾
		EAXxx0667	6	15	0.20	0.22	0.76	0.85	0.67	0.75	4.99	5.58	0.50	80 (177) ⁽³⁾
		EAXxx0850	8	20	0.20	0.22	0.76	0.85	0.50	0.56	3.74	4.18	0.50	80 (177) ⁽³⁾
		EAXxx1234	12	30	0.20	0.22	0.76	0.85	0.34	0.37	2.50	2.79	0.50	80 (177) ⁽³⁾
EAXxx1625		16	40	0.20	0.22	0.76	0.85	0.25	0.28	1.87	2.09	0.50	80 (177) ⁽³⁾	
EAXxx1822		18	45	0.20	0.22	0.76	0.85	0.22	0.25	1.67	1.86	0.50	80 (177) ⁽³⁾	
	EAXxx2417	24	60	0.20	0.22	0.76	0.85	0.17	0.19	1.25	1.40	0.50	80 (177) ⁽³⁾	
0.27 gph emitter	EAXxx04134	4	10	0.27	0.30	1.01	1.13	1.34	1.50	9.99	11.16	0.50	80 (177) ⁽³⁾	
	EAXxx0690	6	15	0.27	0.30	1.01	1.13	0.90	1.00	6.66	7.44	0.50	80 (177) ⁽³⁾	
	EAXxx0867	8	20	0.27	0.30	1.01	1.13	0.67	0.75	4.99	5.58	0.50	80 (177) ⁽³⁾	
	EAXxx1245	12	30	0.27	0.30	1.01	1.13	0.45	0.50	3.33	3.72	0.50	80 (177) ⁽³⁾	
	EAXxx1634	16	40	0.27	0.30	1.01	1.13	0.34	0.37	2.50	2.79	0.50	80 (177) ⁽³⁾	
	EAXxx1830	18	45	0.27	0.30	1.01	1.13	0.30	0.33	2.22	2.48	0.50	80 (177) ⁽³⁾	
	EAXxx2422	24	60	0.27	0.30	1.01	1.13	0.22	0.25	1.67	1.86	0.50	80 (177) ⁽³⁾	
0.34 gph emitter	EAXxx04168	4	10	0.34	0.37	1.27	1.42	1.68	1.87	12.48	13.95	0.50	120 (125)	
	EAXxx06112	6	15	0.34	0.37	1.27	1.42	1.12	1.25	8.33	9.31	0.50	120 (125)	
	EAXxx0884	8	20	0.34	0.37	1.27	1.42	0.84	0.94	6.24	6.98	0.50	120 (125)	
	EAXxx1256	12	30	0.34	0.37	1.27	1.42	0.56	0.62	4.16	4.65	0.50	120 (125)	
	EAXxx1642	16	40	0.34	0.37	1.27	1.42	0.42	0.47	3.12	3.49	0.50	120 (125)	
	EAXxx1838	18	45	0.34	0.37	1.27	1.42	0.38	0.42	2.78	3.10	0.50	120 (125)	
	EAXxx2428	24	60	0.34	0.37	1.27	1.42	0.28	0.31	2.08	2.33	0.50	120 (125)	



ULTRA LOW FLOW EMITTER ULTRA SHORT EMITTER SPACING

- Enhanced horizontal irrigation uniformity
- Broader, more uniform wetting patterns
- Increase crop yield



Good: Current Spacing

Best: New Shorter Spacing

Ultra low flow emitters

- 0622 Emitter 0.07 gph (0.26 lph)
- 0625 Emitter 0.08 gph (0.30 lph)

Ultra short emitter spacing

- 6" (15 cm)

Ultra clog resistant

- 140 mesh (105 microns)

AQUA-TRAXX® AZUL™ EMITTER CHART BY FILTRATION REQUIREMENT

	Filtration Requirement	Part Number	Outlet Spacing		Emitter Flow Rate				Q-100				Emitter Exponent
	mesh (micron)		in	cm	gph		lph		gpm/100 ft		lph/1 meter		
					@ 8 psi	@ 10 psi	@ 0.55 bar	@ 0.7 bar	@ 8 psi	@ 10 psi	@ 0.55 bar	@ 0.7 bar	
Low Filtration Requirement ↑	80 Mesh ⁽³⁾ (177 Microns)	EAXxx0667	6	15	0.20	0.22	0.76	0.85	0.67	0.75	4.99	5.58	0.50
		EAXxx0850	8	20	0.20	0.22	0.76	0.85	0.50	0.56	3.74	4.18	
		EAXxx1234	12	30	0.20	0.22	0.76	0.85	0.34	0.37	2.50	2.79	
		EAXxx1625	16	40	0.20	0.22	0.76	0.85	0.25	0.28	1.87	2.09	
		EAXxx1822	18	45	0.20	0.22	0.76	0.85	0.22	0.25	1.67	1.86	
		EAXxx2417	24	60	0.20	0.22	0.76	0.85	0.17	0.19	1.25	1.40	
	80 Mesh ⁽³⁾ (177 Microns)	EAXxx04134	4	10	0.27	0.30	1.01	1.13	1.34	1.50	9.99	11.16	
		EAXxx0690	6	15	0.27	0.30	1.01	1.13	0.90	1.00	6.66	7.44	
		EAXxx0867	8	20	0.27	0.30	1.01	1.13	0.67	0.75	4.99	5.58	
		EAXxx1245	12	30	0.27	0.30	1.01	1.13	0.45	0.50	3.33	3.72	
		EAXxx1634	16	40	0.27	0.30	1.01	1.13	0.34	0.37	2.50	2.79	
		EAXxx1830	18	45	0.27	0.30	1.01	1.13	0.30	0.33	2.22	2.48	
	100 Mesh ⁽²⁾ (149 Microns)	EAXxx2422	24	60	0.27	0.30	1.01	1.13	0.22	0.25	1.67	1.86	
		EAXxx0644	6	15	0.13	0.15	0.51	0.57	0.44	0.50	3.33	3.72	
		EAXxx0834	8	20	0.13	0.15	0.51	0.57	0.34	0.37	2.50	2.79	
		EAXxx1222	12	30	0.13	0.15	0.51	0.57	0.22	0.25	1.66	1.86	
		EAXxx1617	16	40	0.13	0.15	0.51	0.57	0.17	0.19	1.25	1.40	
		EAXxx1814	18	45	0.13	0.15	0.51	0.57	0.14	0.17	1.11	1.24	
		EAXxx2411	24	60	0.13	0.15	0.51	0.57	0.11	0.12	0.83	0.93	
		EAXxx0650	6	15	0.15	0.17	0.57	0.63	0.50	0.56	3.73	4.17	
		EAXxx1225	12	30	0.15	0.17	0.57	0.63	0.25	0.28	1.86	2.08	
		EAXxx1817	18	45	0.15	0.17	0.57	0.63	0.17	0.19	1.24	1.39	
	120 Mesh (125 Microns)	EAXxx04100	4	10	0.20	0.22	0.76	0.85	1.00	1.12	7.47	8.36	
		EAXxx0817	8	20	0.07	0.08	0.26	0.30	0.17	0.20	1.30	1.47	
		EAXxx1609	16	40	0.07	0.08	0.26	0.30	0.09	0.10	0.65	0.74	
		EAXxx0822	8	20	0.09	0.10	0.34	0.38	0.22	0.25	1.66	1.88	
EAXxx1611		16	40	0.09	0.10	0.34	0.38	0.11	0.13	0.83	0.94		
EAXxx0825		8	20	0.10	0.11	0.38	0.43	0.25	0.28	1.86	2.11		
EAXxx1613		16	40	0.10	0.11	0.38	0.43	0.13	0.14	0.93	1.05		
EAXxx0467 ⁽¹⁾		4	10	0.13	0.15	0.51	0.57	0.67	0.75	4.99	5.58		
EAXxx04168		4	10	0.34	0.37	1.27	1.42	1.68	1.87	12.48	13.95		
EAXxx06112		6	15	0.34	0.37	1.27	1.42	1.12	1.25	8.33	9.31		
EAXxx0884		8	20	0.34	0.37	1.27	1.42	0.84	0.94	6.24	6.98		
EAXxx1256		12	30	0.34	0.37	1.27	1.42	0.56	0.62	4.16	4.65		
EAXxx1642		16	40	0.34	0.37	1.27	1.42	0.42	0.47	3.12	3.49		
EAXxx1838		18	45	0.34	0.37	1.27	1.42	0.38	0.42	2.78	3.10		
EAXxx2428	24	60	0.34	0.37	1.27	1.42	0.28	0.31	2.08	2.33			
140 Mesh (105 Microns)	EAXxx0622	6	15	0.07	0.08	0.26	0.30	0.22	0.26	1.64	1.94		
	EAXxx1211	12	30	0.07	0.08	0.26	0.30	0.11	0.13	0.82	0.97		
	EAXxx0625	6	15	0.08	0.09	0.30	0.34	0.25	0.30	1.86	2.21		
	EAXxx1213	12	30	0.08	0.09	0.30	0.34	0.13	0.15	0.93	1.11		

Understanding Part Numbers

X - Denotes the diameter: 5 for 5/8", 6 for 6/8", 7 for 7/8", 8 for 1", 9 for 1 1/8"
 xx - Denotes mil thickness

EA 5 05 04 67 - 1300

Reel length
 Flow Rate
 Emitter Spacing
 Mil Thickness
 Diameter
 Aqua-Traxx

NOTES:

- (1) 120 mesh: 5 - 15 mil
- (2) 100 mesh: 5 - 8 mil, 120 mesh: 10 - 15 mil
- (3) 80 mesh: 5 - 8 mil, 120 mesh: 10 - 15 mil

Metric tape diameter & outlet spacing are expressed in nominal units.

* Gross reel weight for shipping purposes, including packaging material and wooden pallet.

** While operating or flushing, pressures within laterals are not to exceed the maximum pressure specification.

WALL THICKNESS

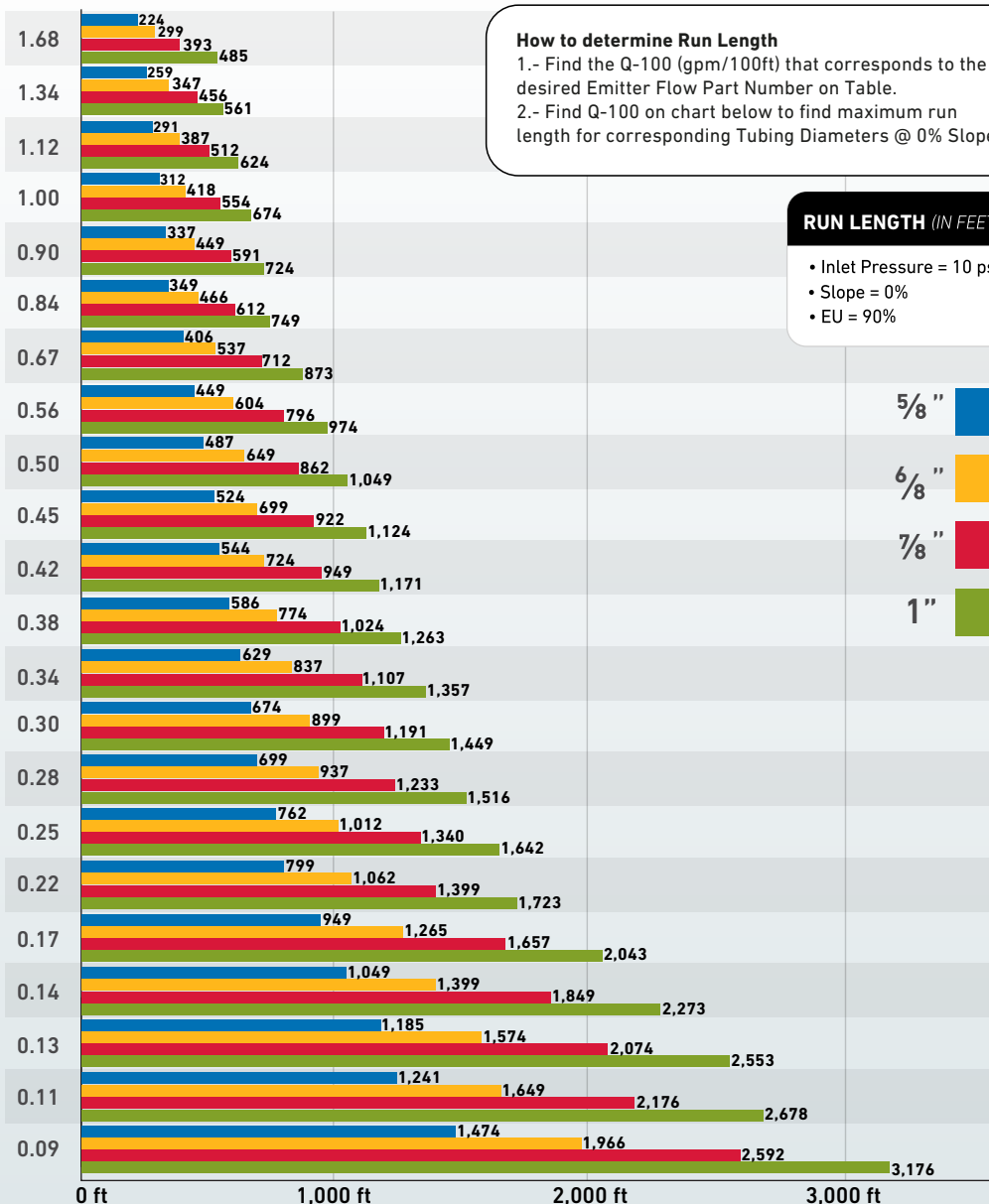
Diameter	Wall Thickness	Pressure				Reel Length		Reel * Weight	
		psi		bar					
		min	max **	min	max **	ft	meters	lbs	kg
5/8"	5 mil	4	10	0.3	0.7	13,000	3,962	70	31.8
	6 mil	4	12	0.3	0.8	10,000	3,048	62	28.1
	8 mil	4	15	0.3	1.0	7,500	2,286	60	27.2
	10 mil	4	15	0.3	1.0	6,000	1,829	60	27.2
	12 mil	4	15	0.3	1.0	5,100	1,554	60	27.2
	13 mil	4	15	0.3	1.0	5,100	1,554	64	29.0
5/8"	15 mil	4	15	0.3	1.0	4,000	1,219	59	26.8
	6 mil	4	12	0.3	0.8	2,500	762	17	7.7
	8 mil	4	15	0.3	1.0	2,000	610	18	8.2
	15 mil	4	15	0.3	1.0	1,000	305	17	7.7
	5 mil	4	10	0.3	0.7	12,000	3,658	74	33.6
	6 mil	4	11	0.3	0.8	8,800	2,682	64	29.0
6/8"	8 mil	4	15	0.3	1.0	6,600	2,011	63	28.6
	5 mil	4	10	0.3	0.7	10,000	3,048	71	32.2
	6 mil	4	10	0.3	0.7	7,380	2,250	62	28.1
	8 mil	4	15	0.3	1.0	6,000	1,829	65	29.5
	10 mil	4	15	0.3	1.0	4,400	1,341	60	27.2
	12 mil	4	15	0.3	1.0	4,000	1,219	64	29.0
7/8"	13 mil	4	15	0.3	1.0	4,000	1,219	67	30.4
	15 mil	4	15	0.3	1.0	3,000	914	61	27.7
	13 mil	4	15	0.3	1.0	3,000	914	59	26.8
1"	13 mil	4	15	0.3	1.0	3,000	914	59	26.8
	15 mil	4	15	0.3	1.0	3,000	914	83	37.6



AQUA-TRAXX® AZUL™ RUN LENGTH CHARTS

Emitter Flow	Part Number	Q-100 gpm/100 ft
0.07 gph emitter	EAXxx0622	0.22
	EAXxx0817	0.17
	EAXxx1211	0.11
	EAXxx1609	0.09
0.08 gph emitter	AXxx0625	0.25
	EAXxx1213	0.13
0.09 gph emitter	EAXxx0822	0.22
	EAXxx1611	0.11
0.10 gph emitter	EAXxx0825	0.25
	EAXxx1613	0.13
0.13 gph emitter	EAXxx0467	0.67
	EAXxx0644	0.44
	EAXxx0834	0.34
	EAXxx1222	0.22
	EAXxx1617	0.17
	EAXxx1814	0.14
0.15 gph emitter	EAXxx2411	0.11
	EAXxx0650	0.50
	EAXxx1225	0.25
0.20 gph emitter	EAXxx1817	0.17
	EAXxx04100	1.00
	EAXxx0667	0.67
	EAXxx0850	0.50
	EAXxx1234	0.34
	EAXxx1625	0.25
0.27 gph emitter	EAXxx1822	0.22
	EAXxx2417	0.17
	EAXxx04134	1.34
	EAXxx0690	0.90
	EAXxx0867	0.67
	EAXxx1245	0.45
0.34 gph emitter	EAXxx1634	0.34
	EAXxx1830	0.30
	EAXxx2422	0.22
	EAXxx04168	1.68
	EAXxx06112	1.12
	EAXxx0884	0.84
	EAXxx1256	0.56
	EAXxx1642	0.42
	EAXxx1838	0.38
	EAXxx2428	0.28

Q-100 (GPM/100 FT)



Learn more about our Complete Drip Irrigation System Products:



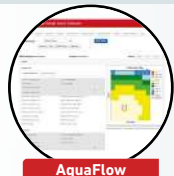
Tempus Ag Irrigation Control Systems – Simple wireless and modular irrigation controls that grow with your needs.



FlowControl Drip tape – The industry's only flow regulating drip tape.



900 Series Valves – Irrigation control On/Off manual or electric pressure regulating, sustaining, pressure relief.



AquaFlow – Free drip irrigation system design assist software.



Sentry Filtration Systems – Sand media, automatic and manual screen filters, and disc filters.



Fittings – Drip tape, Dripline, Round Hose, Oval Hose, and Layflat Hose.



Toro Ag
 1588 N. Marshall Avenue,
 El Cajon, CA 92020-1523, USA
 Tel: +1 (877) 373-0087
 or +1 (619) 596-2495
 Fax: +1 (800) 892-1822
 or +1 (619) 258-9973
toro.com/agriculture



SCAN ME



Count on it.