



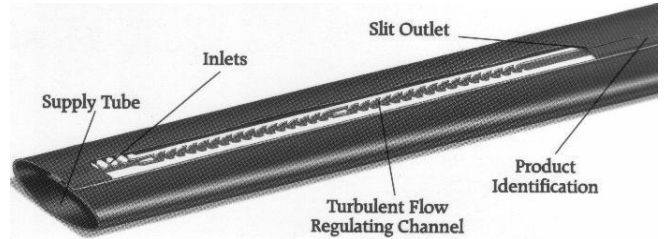
T-Tape
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SYSTEM OPERATION & MAINTENANCE

- The system should be flushed regularly.
- Water and chemicals entering the system should be filtered.
- Use only fertilizers and chemicals that go into and stay in solution.
- Two chemical treatments commonly used are acidification (removes deposits of calcium and iron) and chlorination (oxidizes organics such as algae and bacteria).

IMPORTANT TAPE FEATURES

- True tortuous path for turbulent flow - scouring to resist plugging.
- Outlet slit for resistance to root intrusion.
- Large flow-path cross section for resistance to plugging.
- Tuff for resistance to insect damage and puncturing.
- Suitable for surface or subsurface installation.
- Shrink wrapped packaging for added protection during shipping.
- Strong (high tensile strength and puncture resistance).



500 SERIES 5/8" TAPE		700 SERIES 7/8" TAPE		1100 SERIES 1-3/8" TAPE	
Mil	Feet/roll	Mil	Feet/roll	Mil	Feet/roll
15 mil	4,100'	15 mil	3,000'	15 mil	2,700'
10 mil	6,000'	10 mil	4,400'		
8 mil	7,500'	8 mil	5,560'		
6 mil	10,000'	6 mil	7,380'		

Flow Rates & Recommended Maximum Run Lengths for 5/8" Tape @ 8psi

Spacing	4"	8" LF	8" HF	12" LF	12" MF	12" HF	16" LF	16" HF	24"
F Low Rate/100'	1 GPM	0.34 GPM	0.67 GPM	0.22 GPM	0.34 GPM	0.45 GPM	.17 GPM	.34 GPM	.28 GPM
Max Run 0% slope	260'	550'	350'	700'	600'	466'	900'	600'	650'
Max Run +1% Slope	200'	300'	220'	300'	300'	266'	333'	300'	333'
Max Run -1% Slope	320'	700'	425'	900'	700'	600'	1100'	700'	850'

Selecting the Right Tape

- **Run length:** distance will limit which tape to use. A low flow tape can reach further (see table).
- **Slope:** elevation change in the row will limit the run length. Tape can run longer downhill vs uphill (see table). 1% slope is a 1 foot rise or fall in 100' length. It is always better to run the header on the high point to feed downhill.
- **Zone:** more area can be watered at one time with low flow vs high flow, this will reduce the number of zones and system cost.
- **Flow:** water source and line size along with the tape, will determine the amount that can be irrigated at one time (zone size). To measure the flow rate, fill a know volume container and time. It is best to do this at a known pressure.
- **Mil:** wall thickness (mil) will be determined by the soil type, insect presence, and type of system (permanent or seasonal).
- **Pressure (psi):** It is critical to keep the pressure uniform (8-12 PSI on the header line).
- **Service:** we stock a wide range of thickness, spacing, and flows in our warehouse so we can offer the correct tape, great pricing, & fast service (same day shipping on most items).
- **Design:** we offer complete system design & assistance to our customers.

Linear Row Feet Per Acre (square feet per acre/row spacing in feet) example:(43,560/6) =7260'/acre

Row Spacing (inches)	32"	36"	40"	42"	44"	46"	48"	52"	56"	60"	64"	68"	72"	76"	80"	84"	88"	92"	96"	100"
Feet Per Acre	16,335	14,520	13,068	12,446	11,880	11,363	10,890	10,052	9,334	8,712	8,168	7,687	7,260	6,878	6,534	6,223	5,940	5,682	5,445	5,227