

Hook's Point Irrigation

SEE WHAT WATER CAN DO FOR YOU

2019

Irrigation Equipment and Supplies



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No Matter What You Grow Or Where You Grow It, There's A T-Tape® Product That's Right For You.

Name the crop and chances are that T-TAPE is irrigating it. From strawberries and tomatoes to large fields of cotton and corn, experienced growers around the world have come to depend on the proven performance they get from the world's leading drip tape.

T-TAPE is available in hundreds of different configurations, designed for use in greenhouse, landscape, open field, or permanent crop applications.

***Hook's Point Irrigation will be glad to help you select the diameter, wall thickness, emitter spacing, and flow rate that's right for your unique combination of crop and soil conditions.
Call 1-800-438-2452***



Drip irrigation with T-TAPE offers a long list of benefits including increased crop quality and crop yields, reduced water consumption, energy costs, and crop chemical and fertilizer usage.

T-TAPE DRIP TAPE

Model Mil	Roll Length	Dripper Spacing	GPM per 100'	Max Row Length	Price Per Roll	Price 16+ Rolls
506	10,000	12"	.22	950'	\$195.00	\$185.00
508	7500	4"	1.0	290'	\$170.00	\$160.00
508	7500	8"	.34	750'	\$170.00	\$160.00
508	7500	8"	.67	450'	\$170.00	\$160.00
508	7500	12"	.22	950'	\$170.00	\$160.00
508	7500	12"	.45	550'	\$170.00	\$160.00
510	7500	8"	.67	450'	\$171.00	\$161.00
510	6000	12"	.45	550'	\$171.00	\$161.00
515	4100	8"	.50	450'	\$163.00	\$156.00
515*	4100	12"	.45	550'	\$163.00	\$156.00
708	5650'	12"	.22	1368'	\$177.00	\$170.00
708	5650'	12"	.45	1100'	\$177.00	\$170.00

***Not a standard stocked item. Minimum order required.**

Why so many choices of T-Tape?

In the Midwest we recommend 8 mil tape for use in all vegetable crops, under plastic mulch or along crop row. The heavier the mil the longer life expectancy of the tape. For perennial crops such as strawberries, raspberries and flowers we recommend a 15 mil drip tape.

The flow rate to use is determined by the length of your rows and the amount of water available. The flow rate in column 4 above is gallons per minute per 100' of drip tape.

Example: Take the total feet of drip tape in your field, divided by 100, multiplied by the flow rate; $5000' / 100 * .45 = 22.5$ gpm. If you only have 11 gpm available you will need to zone your field into 2 sections or irrigate the entire field with a low flow tape at .22 gpm.

Drip tape requires low pressure; only 8 to 15 psi is needed at the drip line. You will need a pressure regulator prior to the drip tape to maintain the lower pressure. A filter is also required with drip tape.

Questions on which size tape is best for your application – please call us at 1-800-438-2452



PLASTIC MULCH

Improve yields, suppress weed growth, reduce soil water loss.

	MIL	ROLL SIZE	PRICE PER ROLL	PALLET PRICE PER ROLL
Black Embossed	.9	3' x 4000'	\$85.00	\$80.00
Black Embossed	.9	4' x 4000'	\$110.00	\$105.00
Black Embossed	1.1	4' x 4000'	\$130.00	\$125.00
Clear Embossed	.9	4' x 4000'	\$110.00	\$105.00
Clear Embossed Photo	.9	4' x 4000'	\$112.00	\$107.00
Clear Embossed	1	4' x 4000'	\$120.00	\$115.00



Rain Flo Mulch layer



Field of Staked tomatoes on plastic with drip irrigation

LAYFLAT HOSE

SF10 layflat hose is recommended for use as the main water line in drip irrigation systems or for transferring water. You can drive over this hose, even when in use. Hose rolls up into a flat coil for storage at end of season.

SF10 Blue Layflat	1" x 300'	110 max psi	\$105.00
	1.5" x 300'	80 psi	\$110.00
	2" x 300'	80 psi	\$120.00
	3" x 300'	80 psi	230.00
	4" x 300'	70 psi	\$320.00
	6" x 300'	60 psi	\$600.00
SF50 Red Layflat	1.5" x 300'	150 psi	\$275.00
	2" x 300'	150 psi	\$330.00
SF70 Black Nitrile	4" x 200'	150 psi	\$1065.00
	6" x 200'	150 psi	\$1570.00

LAYFLAT HOSE FITTINGS

	Combo Nipple	Hose Mender	Camlock "A"	Camlock "B"	Camlock "C"	Camlock "D"	Camlock "E"	Camlock "F"
1.5"	\$3.00	\$3.00	\$3.00	\$7.00	\$7.00	\$7.00	\$4.00	\$4.00
2"	\$4.50	\$4.50	\$4.00	\$8.00	\$8.00	\$8.00	\$5.00	\$5.00
3"	\$8.00	\$8.00	\$6.00	\$12.00	\$14.00	\$13.00	\$9.00	\$9.00
4"	\$12.00	\$12.00	\$10.00	\$18.00	\$19.00	\$18.00	\$14.00	\$16.00
6"	\$34.00	\$38.00	\$20.00	\$40.00	\$50.00	\$42.00	\$34.00	\$34.00

Combo nipples and hose menders – steel plated

Camlocks – aluminum

Quick Coupler with hose barbs – C and E Camlock

T-Bolt Clamp	1.5"	2"	3"	4"	6"
	\$2.00	\$2.50	\$4.00	\$5.00	\$8.00

DRIP TAPE FITTINGS

There are many different drip tape fittings available. We have fittings available from Jain, Netafim, Toro and John Deere Water. Listed below are our most common drip tape fittings and pricing. If you don't see what you have been using, please call us at 1-800-438-2452 and we can try to find your fitting.

Fitting	Size	Price Each	Price per 100
Loc Sleeve Mender	5/8"	\$.70	\$60.00
	7/8"	\$1.05	\$85.00
Loc Sleeve x .250 barb	5/8"	\$.60	\$50.00
Loc Sleeve x .250 barb with valve	5/8"	\$2.00	\$175.00
Loc Sleeve x .400 barb	5/8"	\$60	\$50.00
Loc Sleeve x layflat	5/8"	\$1.50	\$130.00
	7/8"	\$2.50	\$200.00
Loc Sleeve Tee	5/8"	\$2.25	\$190.00
Loc Sleeve Elbow	5/8"	\$2.00	\$175.00
Loc Sleeve x female garden hose	5/8"	\$1.75	\$150.00
Loc Sleeve x 1/2" Male Pipe Thread	5/8"	\$.85	\$75.00
Loc Sleeve x 3/4" Male Pipe Thread	5/8"	\$.95	\$90.00
Layflat punch – Blue Handle		\$104.00	
Micro Distribution Tubing .250 x .350	100'	\$20.00	
	500'	\$70.00	



Netafim Streamline is the ultimate thinwall dripperline for seasonal vegetables and row crops. Streamline is available in several emitter spacings, flow rates, 5 to 15 mil wall thickness and 5/8" and 7/8" diameter. Streamline is made with injection molded drippers welding into a seamless wall of tubing.

Netafim Typhoon has an emitter with a wider flow path to reduce clogging. Typhoon is available in 5/8", 7/8", 1 1/8" and 1 3/8" diameter, 8 to 15 mil, 8 to 30 inch emitter spacing and several flow rates.

Drip Net PC uses pressure compensating emitters to deliver precise flow anywhere in the field. Works well in rolling terrain. Drip Net PC comes in 13 to 25 mil, 5/8" and 7/8" diameter, 12 to 36 inch emitter spacing and several flow rates. This is the a good product to use for permanent subsurface irrigation systems.

UniRam PC and Drip Net PC heavy wall drip tape is used for rolling terrains, utilizing pressure compensating emitters for maximum uniformity. Both products are available with vine clips to attached tube to trellis. Both are available in 16mm to 7/8" diameter, 24 to 48 inches emitter spacing, 45 mil wall thickness.

Aries is a non pressure compensating heavywall drip tube. Aries is available in sizes from 1/2" to 3/4", 35 and 45 mil, 24 – 48 inch emitter spacing, and various flow rates.

Thin Wall Drip Lines	Row Length	Mil	Emitter spacing	Price Per Roll
Streamline 630 Series	9000'	8 mil	12" Low Flow	\$330.00
Typhoon 630 Series	5000'	13 mil	18" Low Flow	\$265.00
Drip Net PC 636 Series	4600'	13 mil	12" Low Flow	\$415.00
Drip Net PC 875 Series	3600'	13 mil	18" Low Flow	\$375.00
Heavy Wall Drip Tube				
UniRam PC 16 mm	1000'	45 mil	24" Low Flow	\$185.00
Drip Net PC 16 mm	1000'	45 mil	24" Low Flow	\$156.00
Aries non PC 16 mm	1000'	35 mil	24" Low Flow	\$100.00

Above are some of the thin wall drip lines that we try to keep in stock. The heavy wall drip tube is sized to meet your requirements and are made to order. There is a minimum order of 3 rolls required and additional shipping from manufacturer.





Toro Aqua-Traxx is a premium drip tape delivering precision, uniformity, durability and plugging resistance. Aqua-Traxx PC is a pressure compensating drip tape for use on difficult terrain where uniformity is desired. Toro Aqua-Traxx drip tape comes in several sizes and options, below are a few of the more popular products.

Product	Diameter	Mil	Roll Length	Emitter Spacing	Flow Rate gpm	Price per roll
Aqua-Traxx	5/8"	8	7500'	12"	.22 or .45	\$160.00
	5/8"	8	7500'	8"	.34 or .67	\$160.00
	5/8"	10	6000'	8"	.67	\$159.00
Aqua-Traxx SR	5/8"	8	2000'	8" or 12"	.34 or .45	\$70.00
	5/8"	15	1500'	8" or 12"	.67 or .45	\$72.00
Aqua-Traxx FC	7/8"	10	4400'	12"	.34	\$190.00

Toro BlueLine PC, BlueLine Classic Drip In PC and Drip In Classic are available in 1000' coils in 16, 18 or 20 mm diameter, emitter spacing from 12 to 72 inches and flow rates of .53 or 1 gph per emitter. This product is designed to work with your field layout, available water, and your irrigation goals. Below are a few of the options and pricing.

Product	Diameter	Mil	Coil Length	Emitter spacing	Flow GPH	Price per Roll
BlueLine PC	16mm	.45	1000'	12"	1.0	\$170.00
BlueLine Classic	16mm	.45	1000'	12"	1.0	\$100.00
Drip In PC	18 mm	.45	1000'	24"	.53	\$160.00
Drip In Classic	18 mm	.45	1000'	24"	.53	\$150.00



Toro Blue Line PC with Vine Clip



Toro Drip In PC emitter

FILTRATION

Filtration is essential for any drip irrigation system. If the water is dirty the system will plug. We have a wide range of filters available from simple disc filters for well or city water to sand media systems for pumping surface water.



3/4" Filter



2" Super Filter



6" Twin Filter

Filter	Size	GPM	Price
Manual Disc, Toro	3/4"	25	\$24.00
Manual Disc, Toro	1"	35	\$30.00
Manual Disc, Toro	1.5"	80	\$40.00
Manual Disc, Toro	2"	110	\$230.00
Manual Disc Twin Lite	3"	80 – 220	\$553.00
Manual Disc Twin	4"	160 – 450	\$2057.00
Manual Disc Twin	6"	200 – 600	\$2478.00
Aqua-Clear Sand filter	18"	48 gpm	\$902.00
	24"	79 gpm	\$1270.00
	30"	123 gpm	\$1853.00



Toro Aqua-Clear Sand Media Filter

PRESSURE REGULATORS

Regulators are preset to maintain a constant down stream pressure. Typical drip irrigation systems need to be maintained between 8 and 12 psi. Purchase a regulator that matches your flow rate and upstream pressure.

	Inlet/Outlet Size	PSI	GPM	Price Per Unit
Senninger	$\frac{3}{4}$ " / $\frac{3}{4}$ "	12	1/10 – 8	\$17.00
	1" / 1"	15	2 – 20	\$21.00
	1.25" / 1"	10	10 – 32	\$41.00
Netafim	$\frac{3}{4}$ " / $\frac{3}{4}$ "	12	4.5 – 17.6	\$18.00
	1.5"/1.5"	12	11 – 35	\$46.00
	2" / 2" – 4 units	12	22 – 70	\$170.00
	2" / 2" – 6 units	12	33 – 105	\$255.00
	3" / 3" – 10 units	12	35 - 175	\$466.00

CONTROL VALVES

There are several options in the type of valves used in different applications. There are pressure reducing, pressure sustaining, normally open, normally closed, manual, electric and remote control. Valve selection needs to include size, gallons per minute and purpose. Some examples are below.

Valve	1"	1.5"	2"	3"	4"
Manual	\$58.00	\$110.00	\$124.00	\$430.00	\$557.00
Electric 3 Way (24VAC)	\$202.00	\$254.00	\$268.00	\$575.00	\$701.00
Manual Electric	\$259.00	\$312.00	\$325.00	\$632.00	\$759.00
Pressure Reducing	\$279.00	\$329.00	\$342.00	\$637.00	\$761.00

Single Valve with programmable controls

2 way valve w/controller 12 VDC latching solenoid	$\frac{3}{4}$ "	1"	1 $\frac{1}{2}$ "	2"	
Series 80	\$174.00	\$174.00	\$274.00	\$313.00	



IRROMETER – Soil Moisture Indicators

Irrrometers are an inexpensive, easy to use instruments that accurately measure the soil water in the root zone or your crop. By managing your irrigation you can save water, fertilizer and energy while producing a quality crop.

	6"	12"	18"	24"
Model SR	\$81.75	\$85.00	\$88.25	\$91.50
Service Kit – 1 Kit services several irrometers Includes Hand vacuum pump, irrometer fluid, char forms and reference book				\$59.00

FERTILIZER INJECTION SYSTEMS

Take full advantage of your drip irrigation system by adding fertilizer to the plants when they need it most.

Mazzei Differential Pressure Injectors - Polypropylene	Size	GPH	Cost
Model 484 –A	¾"	17	\$60.00
Model 878	1"	60	\$95.00
Model 1583-A	1.5"	227	\$120.00
Model 2081-A	2"	631	\$160.00
Strainer with ¼" barb			\$28.00
Metering Valve for ¾" injector – fits suction tubing			\$60.00

We can build you a complete injection system designed for your needs. Includes a Mazzei injector, valves, suction screen and fittings to insert injector into your existing line.

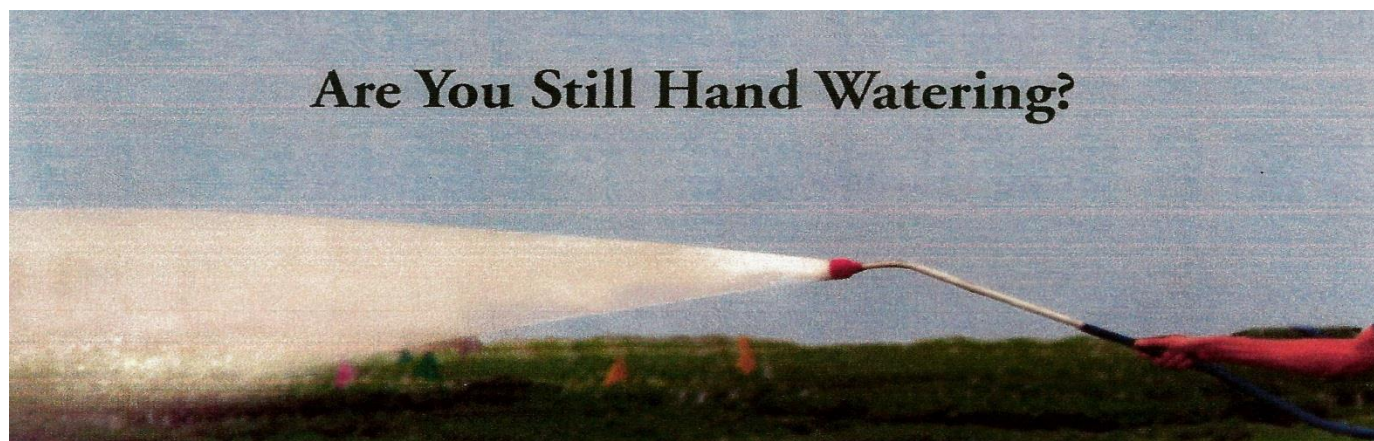
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See What Water Can Do For You

GREENHOUSE AND NURSERY IRRIGATION



Greenhouse Products

	Flow GPH	Tubing Length	Cost per 25
Weighted Basket Dripper pressure compensating	.5	18"	\$25.50
	.5	24"	\$27.50
Hanging Assembly for sprinklers, misters, foggers		12"	\$46.25
		24"	\$50.50
		36"	\$54.50
		48"	\$58.50
Vibro Net Sprinkler with check valve	10.4		\$84.75 per 25
Spin Net Sprinkler with check valve	18.4 or 23.4		\$84.75 per 25
Misting Head Assembly with check valve	10.4		\$84.75 per 25

Nursery Products

	Flow GPH		Cost
Spray Stakes Pressure Compensating	3.2 – 10.6		\$16.00 per 50
Dripper Assembly for PC Spray Stake		36"	\$21.00 per 25
		48"	\$22.50 per 25
Spray Stakes non pressure compensating	3, 5 or 7		\$22.00 per 100
Flex Black PE Tubing 5/3 mm		1000'	\$62.70
Pressure Compensating emitter	.5 – 10.6		\$92.85/250

Tubing

UV White Polyethylene	16 mm x 500'	\$70.63
	¾" x 500'	\$130.37
	¾" x 100'	\$30.18
	1" x 500'	\$196.26
3 mm plastic punch		\$20.00

Price is valid on items currently in stock. Shipping will be added on special orders.

RAIN-FLO EQUIPMENT



Model 1600 Water Wheel



Challenger 1800 Mulch Lifter



Mulch layer w/drip attachment

Mulch Layers

Model 2600 Raised Bed plastic mulch layer with Auto Ro-Trak	\$4700.00
Manual Ro-Trak	\$4100.00
Lays 3' – 5' wide plastic, bed height 5" – 9"	
Model 2550 Raised Bed plastic mulch layer with Auto Ro-Trak	\$4350.00
Manual Ro-Trak	\$3750.00
Lays plastic 3' – 4', bed height 3" – 7"	
Model 2400 Raised Bed plastic mulch layer	\$2550.00
Lays 4' wide plastic, bed height 3" – 5"	
Model 345 Flat Bed Mulch Layer	\$1750.00
Lays 3' – 5' wide plastic	
Option for all mulch layers – Drip attachment	\$260.00

Water Wheel Transplanter

Model 1600, 3 point, 2 - 80 gallon water tanks, 1 wheel	\$2350.00
Model 1200, 3 point, 2 – 50 gallon water tanks, 1 wheel	\$1650.00

Mulch Lifter

Challenger Model 1800	\$2050.00
With Automatic reset – keeps shears in ground	\$2600.00

Prices do not include shipping from manufacturer

KIFCO WATER REEL TRAVELER

Kifco has been manufacturing hard hose travelers for over 25 years. These machines are very reliable and long lasting. Hook up water to the machine, pull out sprinkler cart, turn on the water and the machine retracts and shuts off automatically.

Model	Drive System	PE Tube ID Length	Sprinkler	Price
B110	Bellows	1.1"X 280'	Sime K1	\$4,257.00
E110	Electric	1.1"x 280'	Sime K1	\$4,765.00
B140	Bellows	1.4"x 350'	Twinmax	\$8,806.00
T180	Turbine	1.8"x 380'	Nelson SR75	\$11,615.00
E180	Engine	1.8"x 380	Nelson SR75	\$12,875.00
T200S	Turbine	1.9"x 320'	Twinmax	\$11,900.00
E200S	Engine	1.9"x 320'	Twinmax	\$13,479.00
T200L	Turbine	1.9"x 580'	Nelson SR75	\$12,807.00
E200L	Engine	1.9"x 580'	Nelson SR75	\$14,656.00
5.5 hp Honda gas booster pump with Franklin motor for B140				\$3,071.00
9 hp Honda gas booster pump with Franklin motor for B140				\$3,931.00
1 hp electric booster pump for B110 or E110				\$1,290.00
Solar Panel Kit for E110				\$392.00



SUBSURFACE DRIP IRRIGATION SYSTEM

Hook's Point Irrigation has been involved in the drip irrigation industry since 1984. Our first subsurface drip system was installed in 2002 and is still operating. Subsurface drip irrigation systems (SDI) work well in odd shaped fields where conventional systems can't cover the entire area. SDI consists of flexible polyethylene tubing with drippers permanently welded to the inside wall of the tubing. The tubing is typically buried 12" to 18" deep in rows 5' apart. Water filtration, pressure regulation, flushing and monitoring the system is required.



Installation of SDI tape near Mallard, IA



Connecting buried tape to water main



Filtration SDI near Sioux Center, IA



Setting up computer for SDI in Delaware

Subsurface drip irrigation puts a precise amount of water directly in the root zone, increasing water efficiency while reducing energy costs.

Call if you would like to visit a subsurface drip irrigation system nearest you.

HOOK'S POINT IRRIGATION **1-800-438-2452** water4you@globalccs.net

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