

TABLE OF CONTENTS—IRRIGATION—GROWERS IRRIGATION

GROWERS IRRIGATION

Twinwall Hose	235	Drip System Punches & Bits	246
Twinwall Fittings	235	Capillary Mats	247
Layflat Header Hose	237	Overhead Nursery Water Nozzles	248
Drip Lines, Poly Pipe & Fittings		Overhead Greenhouse	
16 mm	237	Watering Nozzles	248
17 mm	239	Overhead Mist Nozzles	249
20 mm	240	Low Pressure Fog Nozzles	250
Black Poly Pipe	240	Mist & Overhead Nozzle	
1/2" Poly Pipe Fittings	241	Accessories	250
3/4" Poly Pipe Fittings	241	Overhead Watering/Mist Line	
Microtubing	242	Aluminum Support Rail	251
Pressure Compensating Emitters	242	Filters	252
Non-PC Emitters	243	Pressure Regulators	252
Multi Outlet Drippers	243	Air Vents	253
.76 ID Tube		Ball Valves	253
With Pressure Compensating		Gate Valves	254
On/Off Lead Tube Weights	244	Solenoid Valves	254
With On/Off Lead Tube		Misting Controllers	255
Weights	244	Watering Controllers	255
With Lead Weights	245	Proportioners	256
Hanging Basket Drip Systems	244	Dosmatic Accessories	257
Dribble Rings	245	Irrrometer Moisture Gauges	257
Spray Stakes	246		
Stix	246		

15 MIL THINWALL HOSE

15 MIL THINWALL HOSE, 3900', DRIPPER EVERY 8"

.2 gph per emitter

Order #: **64-06SLF156** –sold as roll



15 MIL THINWALL HOSE, 3900', DRIPPER EVERY 8"

.16 gph per emitter

Order #: **64-06SLF15636.16** –sold as roll

15 MIL 5/8" THINWALL HOSE, 2000', DRIPPER EVERY 12"

.22 gph per emitter

Order #: **62-720050** –sold as roll

15 MIL 5/8" THINWALL HOSE, 4100', DRIPPER EVERY 12"

.22 gph per emitter

Order #: **62-1512630** –sold as roll

15 MIL 5/8" THINWALL HOSE, 4100', DRIPPER EVERY 18" [special order item]

.4 gph per emitter

Order #: **62-1518630** –sold as roll

10 MIL THINWALL HOSE

10 MIL 5/8" THINWALL HOSE, 6500', DRIPPER EVERY 12"

[special order item]

.4 gph per emitter

Order #: **62-1012630** –sold as roll



10 MIL 5/8" THINWALL HOSE, 6500', DRIPPER EVERY 18" [special order item]

.4 gph per emitter

Order #: **62-1018630** –sold as roll

4, 6 & 8 MIL THIN WALL HOSE



4 MIL 5/8" THINWALL HOSE, 15000', DRIPPER EVERY 12"

[special order item]

.22 gph per emitter

Order #: **62-544030** –sold as roll

6 MIL 5/8" THINWALL HOSE, 11500', DRIPPER EVERY 12" [special order item]

.22 gph per emitter

Order #: **62-549030** –sold as roll

8 MIL 5/8" THINWALL HOSE, 9000', DRIPPER EVERY 12" [special order item]

.22 gph per emitter

Order #: **62-101250600** –sold as roll

5/8" THIN WALL FITTINGS

5/8" THINWALL COUPLING



Netafim plastic fitting used to splice thinwall hose or to repair tears, cuts or tool animal and rodent damage to thinwall.

Order #: **62-189005** –sold as each

1/2" MALE PIPE THREAD X 5/8" THINWALL

Netafim plastic fitting used to connect thinwall to 1/2" PVC piping

Order #: **62-189045** –sold as each

3/4" MALE MIPT ADAPTER X 5/8" THINWALL



Netafim plastic fitting used to connect thinwall to 3/4" PVC piping

Order #: **62-630362** –sold as each

3/4" FEMALE HOSE SWIVEL X 5/8" THINWALL

Aquarius plastic fitting to connect thinwall to water hose or faucet

Order #: **62-189061** –sold as each

.520 ID TUBE INSERT X 5/8" TAPE-LOC

Aquarius plastic fitting to connect thinwall hose to standard Israeli .52 ID (16 mm) poly pipe.

Order #: **64-5201-06** –sold as each

PVC ADAPTER W/GROMMET X 5/8" THINWALL

Netafim plastic fitting to connect thinwall to PVC headers of 2" or larger diameter.

Order #: **62-630364** –sold as each



.400 BARB W/ GROMMET X 5/8" THINWALL INSERT VALVE

Netafim plastic on/off valve to insert in between thinwall hose and layflat oval or larger poly pipe header

Order #: **60-TW5** –sold as each



.400 BARB CONNECTOR W/ YELLOW RING X 5/8" THINWALL

Netafim plastic fitting used to connect thinwall hose to layflat, oval or larger poly pipe header

Order #: **60-63036431** –sold as each

ELL FOR 5/8" THINWALL

Netafim plastic fitting used to connect thinwall at 90 degree angle, like last row in grid layout.

Order #: **62-189025** –sold as each



TEE FOR 5/8" THINWALL

Netafim plastic fitting used to "T" thinwall in all three directions

Order #: **62-189010** –sold as each



1/2" MIPT TEE X 5/8" THINWALL X 5/8" THINWALL



Netafim plastic "T" to connect thinwall on 2 legs to 1/2" PVC piping.

Order #: **62-630372C** –sold as each

3/4" MIPT TEE X 5/8" THINWALL X 5/8" THINWALL



Netafim plastic "T" to connect thinwall on 2 legs to 3/4" PVC piping.

Order #: **62-630372D** –sold as each

3/4" F HOSE SWIVEL TEE X 5/8" TAPE-LOC

Aquarius plastic "T" to connect thinwall on 2 legs to 3/4" female hose fitting to go on water hose or faucet.

Order #: **64-LST06LS** –sold as each

THREADED CAP X 5/8" THINWALL

Aquarius plastic threaded cap for far end of thinwall hose runs to allow easy opening to clean out or bleed out twinwall.

Order #: **62-189060** –sold as each

DRAIN VALVE X 5/8" THINWALL

Chapin plastic fitting for far end of thinwall hose to drain automatically when water turned off and pressure released.

Order #: **62-189064** –sold as each

5/8" THINWALL END PLUG W/RING



Netafim plastic fitting to seal far end of thinwall hose.

Order #: **62-630366** –sold as each

.25 BARB PLASTIC SHUT-OFF X 5/8" THINWALL

Pointsource fitting to go between thinwall hose and provide insert on/off valve to layflat hose or oval header poly pipe.

Order #: **60-31TV5B250** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

LAYFLAT HEADER HOSE

1 1/2" BLUE LAY FLAT HEADER HOSE-300'

Blue hose that lays down flat and swells up round when full of water. Looks and feels like fire hose. Operates at up to 80 psi. 300' long roll.

Order #: **64-80300** –sold as roll

2" POLY NET LAY FLAT MANIFOLD HOSE

Netafim black heavy wall lay flat "oval" hose does a great job as inexpensive header in low pressure drip irrigation systems.

Order #: **62-20021450** –300' roll –sold as roll

Order #: **60-317518** –450' roll –sold as roll



16 MM UNIRAM DRIP LINES

Exceptional long term Netafim drip watering system for vineyards, berry crops, orchards, field or container grown nursery stock. High quality emitters factory installed inside tube to reduce maintenance and operation damages.



16MM UNIRAM-24" EMITTER SPACING

1000' [special order item]

.32 gph per emitter w/o vine clips

Order #: **59-08VRI6.3** –sold per roll

16MM UNIRAM-24" EMITTER SPACING

1000' W/VINE CLIPS [special order item]

.32 gph per emitter with vine clips

Order #: **60-08VURI6.3** –sold per roll

16MM UNIRAM-24" EMITTER SPACING

1000' W/VINE CLIPS [special order item]

.42 gph per emitter with vine clips

Order #: **60-VRI6.4** –sold per roll

16MM UNIRAM-24" EMITTER SPACING 1000' W/O VINE CLIPS

.53 gph per emitter w/o vine clips

Order #: **62-5206224** –sold per roll

16MM UNIRAM-48" EMITTER SPACING 1000' W/VINE CLIPS [special order item]

.42 gph per emitter with vine clips

Order #: **64-08VURI6** –sold per roll

16MM UNIRAM-48" EMITTER SPACING 1000' [special order item]

.53 gph per emitter w/o vine clips

Order #: **60-8URI6.5** –sold per roll

16 MM .52 ID POLY PIPE

WHITE UV RESISTANT POLYTUBE 16MM 500'

New white exterior 16mm tubing to use in greenhouses. White tubing keeps water cooler but still enough black on inside of tubing to prevent algae growth. .52 ID x .62 OD tubing by Netafim used for most greenhouse applications.

Order #: **60-14W052062** –sold per roll

.520 X .620 1000' PLAIN BLACK 16MM POLY TUBING



Our best selling 16mm tubing for greenhouse or exterior applications in orchards, nurseries, berry farms, vineyards and landscapes. Made by Netafim. Used for most all outdoor applications and some greenhouse applications.

Order #: **62-530630** –sold per roll

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

16 MM PIPE FITTINGS

INSERT CONNECTOR 16 X 16

Netafim plastic fitting used to splice .52 ID tube or to repair cuts and tool, animal and rodent damage.

Order #: **60-09022** –5 per pack

1/2" MALE MPT ADAPTER X .6 COMPRESSION

Aquarius plastic fitting to connect .52 ID tubing to 1/2" PVC piping

Order #: **64-600CMA** –sold as each

3/4" MALE (NPT) ADAPTER X 16MM TUBE

Netafim plastic fitting used to connect .52 ID tube to 3/4" PVC piping.

Order #: **60-09083** –5 per pack

3/4" MALE MPT ADAPTER X .6 COMPRESSION

Aquarius plastic fitting to connect .52 ID tubing to 3/4" PVC piping

Order #: **64-600CRMAG** –sold as each

3/4" MALE HOSE THREAD X .6 COMPRESSION

Aquarius plastic male hose thread fitting to connect to .52 ID tube

Order #: **64-600CE** –sold as each

3/4" F HOSE SWIVEL X TEE F/.520 ID TUBE

Aquarius plastic fitting used to connect .52 ID tube on 2 legs to water hose or faucet.

Order #: **60-25010** –5 per pack

CHS 3/4" F HOSE SWIVEL X COMPRESSION F/.520 ID TUBE

Aquarius plastic compression fitting for single .52 ID tube to water hose or faucet.

Order #: **60-45012** –5 per pack

INLINE SHUT OFF VALVE FOR .52 ID TUBE

Netafim plastic insert on/off valve to use in .52 ID tube. Use to shut off last half of long row, etc.

Order #: **60-58ISV520** –sold as each

FC600 1/2" FLOW CONTROL VALVE

This is a compression fit 1/4 turn plastic on/off valve to use on .6 to .63 OD poly pipe lines. This valve fits over .52 ID, .6 OD series pipe.

Order #: **60-7600** –sold as each

INSERT ADAPTER & GROMMET F/PVC MAIN

Netafim plastic fitting used to install .52 ID tube to PVC mains of 2" or larger.

Order #: **59-H520IA** –sold as set

PVC COMPRESSION ADAPTER F/.52 ID TUBE

Adapt any standard 1/2" or 3/4" PVC fitting to compression fit .52 ID tube with these glue in Aquarius brand "CA" green plastic fittings.

Order #: **60-50012** –10 per pack

INSERT ELBOW F/.520 ID TUBE

Netafim plastic 90 degree elbows for .52 ID tube. Use for last row in grid layout.

Order #: **60-30600520** –5 per pack

INSERT TEE F/.520 ID TUBE

Netafim plastic 3 way tee for .52 ID tubing.

Order #: **60-40600520** –5 per pack

FIGURE 8 END CLOSURE FOR 16MM



Simple Netafim figure 8 plastic fitting to seal far end of low pressure .52 ID tubing but still allow easy opening to bleed out drip lines. Slide figure 8 over end of hose, crimp hose into other side of figure 8 and the end is sealed. Slide back figure 8, release crimp and water comes out end of tube.

Order #: **60-678900** –5 per pack

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

.6 COMPRESSION WITH THREADED CAP

Aquarius plastic fitting to connect to far end of .52 ID tube and use threaded cap to open and drain line.

Order #: **64-600CETC** –sold as each

17MM UNIRAM

Exceptional long term Netafim drip watering system for vineyards, berry crops, orchards, field or container grown nursery stock. High quality emitters factory installed inside tube to reduce maintenance and operational damage. Available by special order in any emitter spacing you need. Non standard spacings require a 3 roll minimum order.



17MM RAM-24" EMITTER SPACING

1000' [special order item]

.42 gph per emitter without vine clips

Order #: **60-08RAM.4** –sold per roll

17MM UNIRAM-24" EMITTER SPACING 1000'-WITH VINE CLIPS

.42 gph per emitter with vine clips

Order #: **59-08VRAM.3** –sold per roll

17MM UNIRAM 24" EMITTER SPACING 1000' WITH VINE CLIPS [special order item]

.92 gph per 100' with vine clips

Order #: **64-08VURI73** –sold per roll

17MM RAM-48" EMITTER SPACING 1000' [special order item]

.92 gph per 100' without vine clips

Order #: **60-08RAMI48** –sold per roll

17 MM .57 ID POLY PIPE



.570 X .660 PLAIN TUBING 1000'

[special order item]

17mm plain black poly pipe ready to add emitters

Order #: **62-14057066** –sold per roll

17MM PIPE FITTINGS

INSERT COUPLING FOR 17MM

Netafim plastic fitting used to splice 17mm tube or to repair cuts or animal, rodent and tool damage

Order #: **59-H540IC-B** –sold as each

3/4" MALE IPT INSERT ADAPTER X 17MM TUBE

Netafim plastic fitting used to connect 17mm tube to 3/4" PVC pipe

Order #: **60-3417** –sold as each

INSERT ADAPTER & GROMMET FOR 17MM

Netafim plastic fitting used to install 17mm tube to PVC mains of 2" or larger. Use 16.5 mm bit to drill hole for grommet.

Order #: **60-H540IA-B** –sold as each

INLINE SHUT-OFF VALVE FOR 17MM

Netafim plastic on/off valve to insert in 17mm hose

Order #: **59-58ISV600** –sold as each

INSERT ELBOWS F/17MM

Netafim plastic 90 degree elbows for 17mm tube. Use for last row in grid layout.

Order #: **62-TLELL** –sold as each

INSERT TEES F/17MM

Netafim plastic 3 way tee for 17mm tubing

Order #: **62-H540IT3B** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

GROWERS IRRIGATION

17MM PIPE FITTINGS, 20MM POLY PIPE & FITTINGS & BLACK POLY PIPE



FIGURE 8 LINE END FOR 17MM

Simple Netafim figure 8 plastic fitting to seal far end of low pressure 17mm tubing but still allow easy opening to bleed out lines.

Order #: **62-4800FIG8** –sold as each



H GOOF PLUG FITS RAM/TRITON LINES

Netafim plastic clip used to snap over 17mm line to seal off in-line emitters and stop water flow from emitters not needed at this time.

Order #: **60-HPLUG** –50 per pack



17MM HOSE/WIRE SMART CLIP

Netafim squeeze open plastic clips to go around 17mm poly pipe and with built in hook to hang on vineyard or other support wire.

Order #: **60-H670780** –100 per pack



.82 ID X .94 OD 20MM POLY PIPE

Uses 20mm fittings

.82 X .94 BLACK POLY PIPE 500'

Netafim metric polyethylene pipe-approximately 3/4"

Order #: **60-140872094** –sold per roll



.82 X .94 BLACK POLY PIPE 1000'

[special order item]

Netafim metric polyethylene pipe-approximately 3/4"

Order #: **64-140** –sold per roll

.82 X .94" WHITE UV RESISTANT POLY PIPE 500'

Netafim white pipe mainly used on greenhouse drip irrigation projects. White exterior keeps water inside cooler and yet enough black in inner layer of co-extruded pipe to prevent algae growth.

Order #: **60-317507** –sold per roll

.82 ID X .94 OD PIPE FITTINGS

INLINE SHUTOFF VALVE F/.800 ID TUBING

[special order item]

Netafim plastic on/off valve to insert in .82 ID pipe

Order #: **60-58ISV820** –sold as each

FC-800 3/4" FLOW CONTROL VALVE

This is a compression fit 1/4 turn plastic on/off valve to use on .83 OD poly pipe lines. This valve fits over .83 OD series pipe.

Order #: **60-7800** –sold as each

3/4" MALE MPT ADAPTER X .820 TUBE

Netafim plastic fitting to adapt .82 ID tube to 3/4" PVC pipe

Order #: **60-H820IMAO75B** –sold as each

FIGURE 8 LINE END FOR .82 ID TUBE

[special order item]



Simple Netafim figure 8 plastic fitting to seal far end of low pressure .82 ID tubing but still allows easy opening to bleed off lines.

Order #: **65-58AP89** –sold as each

BLACK POLY PIPE

80 psi black polyethylene pipe made in the U.S. to true U.S. (not metric) interior dimensions.

1/2" X 100' ROLL BLACK POLY PIPE

Order #: **62-152129** –per roll

1/2" X 400' ROLL BLACK POLY PIPE

Order #: **62-152229** –per roll

3/4" X 100' ROLL BLACK POLY PIPE

Order #: **62-152139** –per roll

3/4" X 400' ROLL BLACK POLY PIPE

Order #: **62-152239** –per roll

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

1/2" POLY PIPE FITTINGS

These are grey colored polyethylene insert fittings to go inside 1/2" ID American (not metric) poly pipe. The ribs on the insert fittings will usually hold at low pressure but we recommend hose clamps or banding if operated above 12 psi. With a little extra effort these fittings can be forced into the 16mm metric or .520 ID tubing.

1/2" IC-INSERT COUPLING

Grey polyethylene fitting to splice 1/2" poly pipe or to repair animal, rodent and tool damage.

Order #: **62-182229** –5 per pack

1/2" IMA-INSERT MALE ADAPTER

Grey polyethylene fitting to adapt 1/2" poly pipe to 1/2" PVC or metal piping.

Order #: **62-182129** –5 per pack

1/2" IFA-INSERT FEMALE ADAPTER

Grey polyethylene 1/2" female fitting to adapt 1/2" poly pipe to 1/2" PVC or metal piping.

Order #: **62-482339** –5 per pack

1/2" IE-INSERT 90 ELBOW

90 degree grey polyethylene fitting to make corner like last row in grid layout of 1/2" poly pipe

Order #: **62-182329** –5 per pack

1/2" IT-INSERT TEE

Grey polyethylene 3 way "T" for 1/2" poly pipe

Order #: **62-182429** –5 per pack

1/2" IP-INSERT PLUG

Grey polyethylene plug to seal far end of 1/2" poly pipe

Order #: **62-182529** –5 per pack

3/4" POLY PIPE FITTINGS

These are grey colored polyethylene insert fittings to go inside 3/4" ID American (not metric) poly pipe. The ribs on the insert fittings will usually hold at low pressure but we recommend hose clamps or banding if operated above 12 psi. With a little extra effort these fittings can be forced into the 20mm metric or .820 ID tubing.

3/4" IC-INSERT COUPLING

Grey polyethylene fitting to splice 3/4" poly pipe or to repair animal, rodent and tool damage.

Order #: **62-182239** –5 per pack

3/4" IMA-INSERT MALE ADAPTER

Grey polyethylene 3/4" male fitting to adapt 3/4" poly pipe to 3/4" PVC or metal piping.

Order #: **62-182139** –5 per pack

3/4" IFA-INSERT FEMALE ADAPTER

Grey polyethylene 3/4" female fitting to adapt 3/4" poly pipe to 3/4" PVC or metal piping.

Order #: **62-482539** –5 per pack

3/4" IE-INSERT 90 DEGREE ELBOW

Grey polyethylene fitting to make 90 degree corner like last row in grid layout of 3/4" poly pipe.

Order #: **62-182339** –5 per pack

3/4" IT-INSERT TEE

Grey polyethylene 3 way "T" for 3/4" poly pipe.

Order #: **62-182439** –5 per pack

3/4" IP-INSERT PLUG

Grey polyethylene plug to seal far end of 3/4" poly pipe.

Order #: **62-182539** –5 per pack

MICRO TUBING

.036 ID LEADER TUBING 8000'

[special order item]

Chapin/Jain very small diameter leader tubing; .036 ID x .074 OD for drip tubes.

Order #: **62-421000** –sold as roll

.050 ID HEAVY WALL TUBING FOR DRIP TUBES 2500'

Chapin/Jain E50 .050 ID x .128 OD tubing to cut your own drip tubes.

Order #: **62-413115** –sold as roll

.060 ID HEAVY WALL TUBING FOR DRIP TUBES 2500' [special order item]

Chapin/Jain E60 .060 ID x .128 OD tubing to cut your own drip tubes

Order #: **62-422200** –sold as roll

.076 ID HEAVY WALL TUBING FOR DRIP TUBES 2500' [special order item]

Chapin/Jain E76 .076 ID x .128 OD tubing to cut your own drip tubes

Order #: **62-422300** –sold as roll

.125 SUPERFLEX WHITE MICROTUBE FOR SPRAY STAKES 1000' [special order item]

Netafim .125 ID x .197 OD tubing for spray stakes

Order #: **60-15FPEW53** –sold as roll

.125" ID X .187" OD POLY TUBING-1000'

Roll of black polyethylene tubing to cut your own short tube lengths for spray stakes, etc. Sometimes called #3 tubing by companies like Chapin/Jain.

Order #: **620011** –sold as roll

.16 ID MICRO-TUBING F/BUTTON DRIPPERS, 1000' [special order item]

Netafim .16 ID x .22 OD black polyethylene tubing to cut your own tubes for drippers and spray stakes.

Order #: **60-15016022** –sold as roll

PRESSURE COMPENSATING EMITTERS

Install these high quality Netafim buttons as needed on your poly pipe supply lines to get drip watering right where you want it and at very consistent and even flows from emitter to emitter.



.5 GPH PC WOODPECKER JR BUTTONS

Netafim pressure compensating 2 lph (liters per hour) Jr. button with barb to push in poly pipe.

Order #: **60-01WPC2** –50 per pack

1 GPH PC WOODPECKER JR BUTTONS

Netafim pressure compensating 4 lph Jr. button with barb to push in poly pipe.

Order #: **60-1WPCJL4** –50 per pack

2 GPH PC WOODPECKER JR BUTTONS

Netafim pressure compensating 8 lph Jr. button with barb to push in poly pipe.

Order #: **60-1WPCJL8** –50 per pack



.5 GPH PC WOODPECKER BUTTONS

Netafim pressure compensating 2 lph super size button with barb to push in poly pipe.

Order #: **60-01PC2** –50 per pack

1 GPH PC WOODPECKER BUTTONS

Netafim pressure compensating 4 lph super size button with barb to push in poly pipe.

Order #: **60-0104** –50 per pack

2 GPH PC WOODPECKER BUTTONS

Netafim pressure compensating 8 lph super size button with barb to push in poly pipe.

Order #: **60-01WPC8** –50 per pack

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

NETAFIM STANDARD NON-PC EMITTERS

These non-pressure compensating “original” standard buttons work good on fairly flat installations and where the runs are fairly even and not over several hundred feet long.

.5 GPH BUTTON DRIPPERS

Netafim 2 lph (liters per hour) non-PC buttons with barb to push in poly pipe.

Order #: **60-012** –50 per pack



1 GPH BUTTON DRIPPERS

Netafim 4 lph non-PC buttons with barb to push in poly pipe.

Order #: **60-014** –50 per pack

2 GPH BUTTON DRIPPERS

Netafim 8 lph non-PC buttons with barb to push in poly pipe.

Order #: **60-018** –50 per pack

.5 GPH 16 MM INLINE DRIPPER

Original in line 2 lph emitter for .52 ID poly pipe. Cut pipe and compression fit emitter in pipe on both sides.

Order #: **60-1620** –5 per pack

1 GPH 16 MM INLINE DRIPPER

Original in line 4 lph emitter for .52 ID poly pipe. Cut pipe and compression fit emitter in pipe on both sides.

Order #: **60-1640** –5 per pack

2 GPH 16 MM INLINE DRIPPER

Original in line 8 lph emitter for .52 ID poly pipe. Cut pipe and compression fit emitter in pipe on both sides.

Order #: **60-1WPCJL8** –5 per pack

NETAFIM MULTI OUTLET DRIPPERS

2 WAY FLAT MANIFOLD F/MULTI OUTLET DRIPPERS [special order item]

Netafim manifold to install on poly pipe to accept two micro-tubes for pot watering applications.

Order #: **60-01ADP2** –100 per pack

4 WAY FLAT MANIFOLD F/MULTI OUTLET DRIPPERS [special order item]

Netafim manifold to install on poly pipe to accept four micro tubes for pot watering applications.

Order #: **60-01ADP4** –100 per pack

4-WAY MOD ASSEMBLY 18 X 18 FLAT

Netafim 4 way manifold assembly complete with 4-18” long white microtubes ready to hook up to spray stakes of your choice..

Order #: **60-014DMI818F** –sold as each

ANGLE ARROW DRIPPERS F/MULTI OUT-LET DRIPPERS [special order item]

Netafim pot drippers to insert in individual pots and connect with microtubes to 2 or 4 way flat manifolds to deliver water to your potted plants.

Order #: **60-01MODS-A** –100 per pack

.076 ID TUBE W/ PRESSURE COMPENSATING ON/OFF LEAD TUBE WEIGHTS

Same Chapin/Jain black poly .076 ID x .128 OD tubes as above but advanced version equipped with 1/2 gph pressure compensating button emitter to assure an equal water flow from every tube. Every tube is equipped with on/off lead weight.

.5 GPH PC .076-18" ON/OFF TUBES W/ WEIGHTS [special order item]

Chapin/Jain 18" on/off tube weight with 1/2 gph pressure compensating button.
Order #: **65-435118** –100 per pack

.5 GPH PC .076-24" ON/OFF TUBES W/ WEIGHTS [special order item]

Chapin/Jain 24" on/off tube weight with 1/2 gph pressure compensating button.
Order #: **65-433124** –100 per pack

NETAFIM HANGING BASKET DRIP SYSTEMS

HANGING BASKET ASSEMBLY 18" TUBE, .5 GPH PC W/CLOSE OFF [special order item]

Netafim white 18" microtube with 1/2 gph pressure compensating button emitter equipped with on/off close off.
Order #: **65-01PWAJLC** –25 per pack

.5GPH EMITTER ON 24" PLASTIC TUBE W/ WEIGHT [special order item]

Netafim pressure compensating button feeding water to 24" microtube with plastic weight to secure tube in pot. Works best at 35 psi.
Order #: **60-310015** –25 per pack

**HANGING BASKET ASSEMBLY 36" TUBE,
.5 GPH PC W/CLOSE OFF [special order item]**
Netafim white 36" microtube with 1/2 gph pressure compensating button emitter equipped with on/off close off.
Order #: **60-01PWAJ** –25 per pack

HANGING BASKET ASSEMBLY 48" TUBE .5 GPH PC W/CLOSE OFF

Netafim white 48" microtube with 1/2 gph pressure compensating button emitter equipped with on/off close off.
Order #: **60-01PWAWP** –25 per pack

18" WOODPECKER PC ASSEMBLY [special order item]

Netafim woodpecker .5 gph pressure compensating emitter with 18" tube.
Order #: **60111** –100 per pack

24" WOODPECKER PC ASSEMBLY [special order item]

Netafim woodpecker .5 gph pressure compensating emitter with 24" tube.
Order #: **60112** –100 per pack

36" WOODPECKER PC ASSEMBLY [special order item]

Netafim woodpecker .5 gph pressure compensating emitter with 36" tube
Order #: **60121** –100 per pack

.076 ID TUBES W/ ON/OFF LEAD WEIGHTS

Chapin/Jain black poly .076 ID x .128 OD tubing with on/off lead weights to water hanging baskets or use to water crops in containers. Push weight in to close off water flow. Pull weight out to water your crops. Allows you to turn off water when you space crops or sell plants off bench or basket rail.

EOW76-18 ON-OFF 18" TUBES W/ WEIGHTS

Order #: **62-4131180** –100 per pack

To Order Call: 405.787.4833 or 1.800.522.3376
Prices subject to change without notice

EOW76-24 ON-OFF 24" TUBES W/ WEIGHTS

Order #: **62-76-24** –100 per pack

EOW76-30 ON-OFF 30" TUBES W/ WEIGHTS [special order item]

Order #: **62-7630** –100 per pack

EOW76-36 ON-OFF 36" TUBES W/ WEIGHTS

Order #: **62-76/36** –100 per pack

EOW76-48 ON-OFF 48" TUBES W/ WEIGHTS

Order #: **62-76/48** –100 per pack

EOW76-60 ON-OFF 60" TUBES W/ WEIGHTS [special order item]

Order #: **62-413160** –100 per pack

.076 ID TUBES W/LEAD WEIGHTS

Chapin/Jain black poly .076 ID x .128 OD tubing with lead weights to water hanging baskets or use to water crops in containers. These tubes are always on when water is on. They do not have an on/off feature.

EW76-12 HEAVY WALL 12" TUBES W/ WEIGHTS [special order item]

Order #: **62-412312** –100 per pack

EW76-18 HEAVY WALL 18" TUBES W/ WEIGHTS [special order item]

Order #: **62-412318** –100 per pack

EW76-24 HEAVY WALL 24" TUBES W/ WEIGHTS [special order item]

Order #: **62-412324** –100 per pack

EW76-30 HEAVY WALL 30" TUBES W/ WEIGHTS [special order item]

Order #: **62-412330** –100 per pack

EW76-36 HEAVY WALL 36" TUBES W/ WEIGHTS [special order item]

Order #: **62-412336** –100 per pack

EW76-42 HEAVY WALL 42" TUBES W/ WEIGHTS [special order item]

Order #: **62-412342** –100 per pack

DRAMM DRIBBLE RINGS

Dramm Dribble Rings are designed for individual pot watering of larger size containers. The ring encircles the plant and water is emitted from 5 to 10 holes to ensure uniform watering in larger pot sizes. Dramm Dribble Rings provide complete, uniform watering for large pots, B&B stock, tropical interiorscape plantings and orchids. Dribble Rings are fed with a .060 ID tube. A maximum of 400 containers can be watered with the Dramm Dribble Rings from a 3/4" supply pipe. Many other size rings and tube lengths available by special order.

DR-4" RING W/36" TUBE DRIBBLE RINGS

[special order item]

To use in 6" or 7" diameter containers

Order #: **601101** –100 per pack

DR10" RING W/48" TUBE DRIBBLE RINGS

[special order item]

To use in 16" diameter containers

Order #: **65-1048** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

DR 13" RING W/48" TUBE DRIBBLE RINGS

[special order item]

To use in 20" diameter containers

Order #: **65-1348** –sold as each

DR13" RING W/72" TUBE DRIBBLE RINGS

[special order item]

To use in 20" diameter containers

Order #: **65-1372** –sold as each

NETAFIM SPRAY STAKES

Applications: greenhouses, nurseries, garden pot irrigation; Specifications: maximum working pressure: 30 psi or 2 bar; 3 different models to meet growers' requirements; to be "inserted" into a 3x5 micro-tube; Features and Benefits: allow distribution of water over relatively large pot plant areas; allows maximum flexibility in greenhouse and nurseries (with soft PE micro-tubes); allows installation with Netafim On line PC drippers, to add compensated and anti-drain functionality. Great to water crops in large nursery cans, vegetable bag culture or other applications where you want to apply the water over a larger area of a container with a fan spray and not just at a single drip point.

3 GPH SPRAY STAKE ASSMEBLY [special order item]

Netafim yellow spray stake with 36" tubing.

Order #: **60-01SSAYL3** –25 per pack

5 GPH SPRAY STAKE ASSEMBLY [special order item]

Netafim green spray stake with 36" tubing.

Order #: **60-01SSAYL** –25 per pack

7 GPH SPRAY STAKE ASSEMBLY [special order item]

Netafim black spray stake with 36" tubing.

Order #: **60-01SSABK** –25 per pack



3 GPH YELLOW SPRAY STAKES

[special order item]

Netafim yellow spray stakes only, without tubing.

Order #: **60-01SSYL** –100 per pack



5 GPH GREEN SPRAY STAKES

Netafim green spray stakes only, without tubing.

Order #: **60-01SSGNB** –100 per pack

7 GPH BLACK SPRAY STAKES [special order item]

Netafim black spray stakes only, without tubing.

Order #: **60-01SSBKB** –100 per pack

DRAMM STIX

36" DRAMM STIX 360 DEGREES [special order item]

Full circle nozzle for over ground beds or to water or mist from overhead when overhead lines are impossible like on rolling or moveable benches. Each stix includes poly tubing, stix and pin perfect nozzle. Produces 10' spray pattern. Space 3'-5' apart. Nozzle 36" off ground on wire frame to punch in ground or large container.

Order #: **60-36360** –sold as each

36" DRAMM STIX 180 DEGREES [special order item]

180 degree half circle nozzle for end of watering system over ground beds or on rolling benches. Each stix includes poly tubing from pin perfect nozzle to water main and two wire support stix.

Order #: **60-36180** –sold as each

DRIP SYSTEM PUNCHES & BITS

PLASTIC HAND PUNCH .125" (3MM)



Netafim ergonomic handle punch to buy if you are installing hundreds or thousands of button emitters in poly pipe.

Order #: **60-682901033** –sold as each

BLUE HANDLE HAND PUNCH

[special order item]

Chapin/Jain awl type hand punch to make 1/8" holes in poly pipe

Order #: **62-424106** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

HAND HOLE PUNCH-1/8"

Less expensive but harder on your hands awl type punch. Use if you are installing a few to several hundred button emitters in poly pipe.

Order #: **60-63001** –sold as each

QUIK-PUNCH TOOL FOR .128 TUBE

Original Chapin cast aluminum plier type punch tool to use when punching holes for large numbers of hanging basket or pot drip tubes.

Order #: **62-422909** –sold as each

HAMMER PUNCH FOR .128 OD TUBE

Punch to use in Quick Punch Tool for .128 OD tubing.

Order #: **62-422906** –sold as each

HAMMER PUNCH FOR #3 .188 OD TUBING [special order item]

Punch to use in Quik Punch Tool for .188 OD tubing

Order #: **62-424906** –sold as each

16.5MM DRILL BIT F/NETAFIM GROMMETS

Use to drill holes for Netafim grommets to install 17mm tube into 2" or larger PVC main.

Order #: **59-TDBIT16.5** –sold as each

CAPILARY MATS

Fabric mats can be watered with drip tubes or overhead nozzles to subirrigate your crops. Mats can automate your irrigation for a mix of crops and pot sizes on the same mat, bench or ground bed.

SOLENO STANDARD GRADE AQUAMAT FOR BENCHES [special order item]

For mats 15' to 40' long. Includes drip irrigation tubes and film mat cover.

Order #: **60-1540** –per square foot

SOLENO STANDARD GRADE AQUAMAT FOR BENCHES [special order item]

For mats 40' to 300' long. Includes drip irrigation tubes and film mat cover.

Order #: **60-40300** –per square foot

SOLENO HEAVY DUTY AQUAMAT FOR GROUND OR FLOOR CROPS



[special order item]

For mats 15' to 40' long. Includes drip irrigation tubes and film mat cover.

Order #: **60-15401** –per square foot

SOLENO HEAVY DUTY AQUAMAT FOR GROUND OR FLOOR CROPS [special order item]

For 40' to 300' long mats. Includes drip irrigation tubes and film mat cover.

Order #: **60-403001** –per square foot

AQUATHERMAT STANDARD GRADE HEAT & WATER MAT FOR BENCHES



[special order item]

Amazing mat from Canada with drip water tubes and biotherm type hot water EPDM tubes both manufactured into mat ready for connections at both ends. Includes film mat cover.

Order #: **60-91471** –per square foot

AQUATHERMAT HEAVY DUTY HEAT & WATER MAT FOR GROUND OR FLOOR CROPS [special order item]

Amazing mat from Canada with drip water tubes and biotherm type hot water EPDM tubes both manufactured into mat ready for connections at both ends. Includes film mat cover.

Order #: **60-69147** –per square foot

MICROFAB PUNCHED PLASTIC MAT COVER [special order item]

Soleno microfab punched plastic cover for capillary mat covers, root barrier and frost protection.

Order #: **47-325825** –per square foot

GROWERS IRRIGATION

OVERHEAD NURSERY & GREENHOUSE WATERING NOZZLES



CAP MAT II 100' ROLLS

[special order item]

Made of lightweight non-woven polyester, rot resistant, high strength capillary matting of gray color. It is resistant to shrinkage, chemical decomposition and being crushed. Can be used with Agribrom for algae control. It is reversible and will not fray after cutting. CAPMAT II is highly absorbent permitting water to wick rapidly up to the roots in the pots placed on the mat. These mats do not include drip tubes or mat cover.

Order #: **60-20** –4' wide –sold as roll

Order #: **60-7001-2** –6' wide –sold as roll



OVERHEAD NURSERY WATERING NOZZLES

#7 MINI WOBBLER INVERTED 1/2" MPT

Dark lime Senninger nozzle with 7/64" orifice. 1.51 GPM at 20 psi and 31.5' diameter at 3' above crop. To install in inverted or upside down position.

Order #: **60-15897** –sold as each



#8 MINI WOBBLER UPRIGHT 1/2" MPT

Dark lavender nozzle with 1/8" orifice. 1.95 GPM at 20 psi, 1/2" male pipe thread fitting. To install upright on riser or on top of water line. 31.6' diameter at 3' above crop.

Order #: **60-1589720** –sold as each



#7 XCEL WOBBLER MID ANGLE

Lime Senninger nozzle with 7/64" orifice. 1.5 GPM at 20 psi, 3/4" male pipe thread fitting. To install upright on riser or on top of water line. 41' diameter at 1.5' above crop. Install on a 20' x 20' to 25' x 25' grid.

Order #: **60-360** –sold as each



#2 SPINNER SPRINKLER NOZZLE

Roberts overhead spinner with 1/2" male thread .8 gpm and 28' diameter at 40 psi. Install at 10' between nozzles and 14' between rows.

Order #: **60-4352** –sold as each

#5 SPINNER SPRINKLER NOZZLE

Roberts overhead spinner with 1/2" male thread 1.42 gpm and 34' diameter at 40 psi. Install at 12' between nozzles and 14' between rows.

Order #: **60-4355** –sold as each

#7 SPINNER SPRINKLER NOZZLE

Roberts overhead spinner with 1/2" male thread 1.97 gpm and 35' diameter at 40 psi. Install at 12' between nozzles and 16' between rows.

Order #: **60-4357** –sold as each

OVERHEAD GREENHOUSE WATERING NOZZLES

VIBRO-SPRAY GREEN NOZZLE

Netafim overhead watering 13.6 gph nozzle. Space rows 10' apart and nozzles every 3' within row for uniform watering. Mount 2' to 5' above crop.

Order #: **60-0301050L** –sold as each

JETRAIN NOZZLE W/BARB

Dramm white mist nozzle to operate between 50 and 70 psi with built in check valve, pressure compensating use on pipe or with riser or hanger. .66 gpm at 50-70 psi, throws 11.5' pattern. Space every 48". Compression fit barb connection to pipe.

Order #: **60-JRLP-B** –sold as each

GREY/VIOLET MINI SPRINKLER

Netafim 7/8mm grey nozzle with violet spreader without antimist. 19gph and throws 6.5 diameter at 8" height, space 3' apart.

Order #: **60-787049** –5 per pack

YELLOW/BLUE MINI SPRINKLER

Netafim blue nozzle with yellow flat spreader and with antimist. For 4' above crop on 6' or 7' wide benches, 32.6 gph, space 3' apart.

Order #: **60-7870633** –5 per pack

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

SPIN NET SPRINKLER ASSEMBLY

Netafim spinning sprinkler with red mist control, red body and green spinner with check valve. 18.4 gph. Space 3' between sprinklers and 17'-20' between lines at 3' above crop.

Order #: **60-03551200** –sold as each



MICRONET VIBRO-SPIN HIGH FLOW

Netafim high flow sprinkler with 1/2" female thread. 1 gpm at 30 psi.

Order #: **60-0302210** –sold as each

PIN-PERFECT NOZZLE-ORANGE

[special order item]

Dramm high flow rate nozzle with easy on-off push pin to mount on top of pipe or riser. Space nozzles 3-5' apart. Produce 10' spray pattern. 3.05mm or 1.48 gpm at 36 psi.

Order #: **60-0009** –5 per pack



PIN-PERFECT NOZZLE-BROWN

[special order item]

Dramm nozzle with on/off push pin to mount on top of pipe or riser. Produce 10' spray pattern, install at 3'-5' spacing, 2.55mm orifice, 0.95 gpm at 36 psi.

Order #: **60-0008** –5 per pack

NYLON NOZZLE 180 DEGREE PATTERN

[special order item]

Dramm red nozzle for end of bench to produce spray water over a half circle.

Order #: **60-0005** –5 per pack

RF 55 BROWN MINI-SPRINKLER 20GPH

Plastic nozzle with 3/8" male thread to install on horizontal water line or on riser. Space nozzles 15' apart. .055 orifice, 360 degree, 14' radius at 25 psi.

Order #: **60-7055** –5 per pack



NIFTY NOZZLE 360 DEGREE

Dramm brown nozzle for top or bottom of pipe or on riser. Produce 10' spray pattern, install at 3'-5' spacing, 1.75mm orifice, 0.46 gpm at 36 psi.

Order #: **60-0032** –5 per pack

NIFTY NOZZLE 180 DEGREE PATTERN

[special order item]

Dramm black nozzle for top or bottom of pipe or on riser. For end of bench to spray water over a half circle.

Order #: **60-0031** –5 per pack

OVERHEAD MIST NOZZLES

MISTY MIST NOZZLE BLUE/WHITE



Dramm 360 degree plastic nozzle with 6' spray pattern, install at 3-5' spacing for top or bottom of pipeline or on riser. 1.0mm orifice, 0.17 gpm at 36 psi. Best substitute for old Reed Kofford brass flora mist nozzles.

Order #: **60-0007** –5 per pack

MISTY MIST NOZZLE RED/WHITE

Dramm low flow 360 degree plastic nozzle with 6' spray pattern, install at 3'-5' spacing for top or bottom of pipeline or on riser. 1.25mm orifice, 0.27 gpm at 36 psi.

Order #: **60-00071** –sold as each

VIBRO-MIST VIOLET MISTER 5.7 GPH W/O LPD

Netafim violet nozzles only without leak prevention device. 5.7 gph at 30 psi, space 3' between nozzles and 3' between rows.

Order #: **60-0306020** –sold as each

VIBRO-MIST VIOLET MISTER W/ LPD

Netafim violet nozzle with leak prevention device. 5.7 gph at 30 psi, space 3' between nozzles and 3' between rows.

Order #: **60-0306020LB** –sold as each

DGT 3/8" SHORT BLUE NOZZLE

.66 gph mist at 50 psi. Nozzle from Europe with 3/8" male thread. Dutch growers support alternating blue and white nozzles over mist benches.

Order #: **60-10000** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

GROWERS IRRIGATION

OVERHEAD MIST NOZZLES, LOW PRESSURE FOG NOZZLES & NOZZLE ACCESSORIES



DGT 3/8" SHORT WHITE NOZZLE

.66 gph mist at 50 psi. Nozzle from Europe with 3/8" male thread. Dutch growers support alternating blue and white nozzles over mist benches.

Order #: **60-10002** –sold as each

MF50 GREEN MICRO-SPRINKER 16 GPH

Plastic nozzle with 10/32" NPT, .050 orifice to install on horizontal mist line or on riser. Space nozzles 3'-4' apart. Full circle micro-sprinkler, 9' radius at 20 psi.

Order #: **60-7050** –5 per pack

MICRONET SPIN-CLEAR BLACK RED NOZZLE

Netafim greenhouse watering sprinkler with LPD with small on/off valve at base of each nozzle. 18 gph mist nozzle. Space on 4' centers.

Order #: **60-035112007B** –sold as each

LOW PRESSURE FOG NOZZLES

MICRONET 4 NOZZLE FOGGER W/O LPD

Netafim 8gph fog nozzle assembly of 4-2 gph nozzles pointing out horizontally in all four directions without leak prevention device. For cooling and humidification place foggers as high as possible. Avoid spraying against the roof, structure or other physical obstacles. Suggest 4 way nozzle 3'-10' between nozzles and 5' to 15' between lines at 3'-6' above crop height. Offset multi row installations at 45 degree angles for very best results.



Order #: **60-0306643B** –sold as each

MICRONET SINGLE NOZZLE FOGGER W/O LPD

Netafim 2 gph low pressure fog nozzle without leak prevention device. For propagation, place nozzles 18"-30" above crop, 3' between nozzles and 4' between rows of nozzles. Please note, 4 way nozzle works far better than single nozzles.



Order #: **60-0306613B** –sold as each

LEAK PREVENTION DEVICE ORANGE

Netafim LPD for low pressure fog nozzles-pin opens at 58 psi. The fog nozzles are not activated with this LPD until you reach 58 psi and there is no dripping below 58 psi.

Order #: **60-0340037B** –sold as each

4 WAY CROSS FOGGER ADAPTOR

Netafim 4 way adapter to accept four individual Netafim 2 gph fog nozzles. This is the white plastic frame to hold 4 fog nozzles.

Order #: **60-77942200** –5 per pack

JETFOG NOZZLE W/BARB

Dramm low pressure fog nozzle with built in check valve. Great for humidification and limited cooling. 80 micron size fog particles at 40-60 psi. Pressure compensated, 5.8 liters per hour or 2 gph. Compression fit barb connection to pipe.

Order #: **60-JFB** –sold as each

MIST AND OVERHEAD NOZZLE ACCESSORIES

ASSEMBLY INSERTS-3/8" THREAD



Dramm threaded gasket with 3/8" Witworth thread. Use at pressures up to 50 psi. Drill 7/16" hole in PVC pipe or cap and install insert. Insert is then ready to accept nozzles and screwing in the nozzle will tighten or compress the insert securely in place.

Order #: **60-0018** –10 per pack

1/2" PVC PIPE SADDLES WITH 1/8" FEMALE THREAD

Kofford white PVC saddle with tit to drop in pipe to glue on 1/2" PVC horizontal line. Drill hole, apply glue and insert tit in place to accept nozzles with 1/8" male thread.

Order #: **60-0212** –5 per pack

To Order Call: 405.787.4833 or 1.800.522.3376
Prices subject to change without notice

3/4" PVC PIPE SADDLES WITH 1/8" FEMALE THREAD

Kofford white PVC saddle with tit to drop in pipe to glue on 3/4" PVC horizontal line. Drill hole, insert tit and glue in place to accept nozzles with 1/8" male thread.

Order #: **60-0234** –5 per pack

SAJ ADAPTER 1/2" FPT X 10/32" NPT

PVC adapter to install on top of 1/2" male riser to receive nozzles with 10/32" male fine thread.

Order #: **60-7011** –5 per pack

SAM ADAPTER 1/2" FPT X 1/8" FPT

PVC adapter to install on top of 1/2" male riser to receive nozzles with 1/8" male thread.

Order #: **60-7010** –5 per pack

3/8" F X 1/2" SLIP DGT PVC RISER CAPS

1/2" PVC slip fitting to go on top of 1/2" PVC pipe riser and accepts nozzles with 3/8" male thread.

Order #: **60-1101** –5 per pack

1/2" ADAPTOR FOR PIPE THREAD

Netafim fitting with male 1/2" thread to go on PVC or metal riser made with Netafim compression fitting on top to accept compression fit LPD's and nozzles.

Order #: **60-77935108** –5 per pack

36" MICRONET HANGING SPRINKLER DROP W/WEIGHT

Netafim drop tubing with barb to install on poly pipe on one end, 36" hose with plastic weight and fitting on bottom for compression fit nozzles.

Order #: **60-77098020** –sold as each

LEAK PREVENTION DEVICE PURPLE

Netafim LPD to prevent drip from nozzle when watering period complete. Turns nozzle on at 28 psi and stops drip below that point. Use with overhead sprinklers or watering nozzles.

Order #: **60-0340017B** –sold as each



1" RUN-OUT VALVE

Dramm valve for far end of 3/4" or 1" water or mist line to control drip from overhead pipelines. Allows line to drain when water is off. Requires 15 psi to operate. Drains any water left in line when pressure drops below 15 psi.

Order #: **60-0021** –sold as each

DRILL TAP FOR DRAMM NOZZLES

3/8" Witworth thread on 4" metal drill tap to tap holes for Dramm Nifty, Pin Perfect and Misty Mist nozzles.

Order #: **60-908** –sold as each

OVERHEAD WATERING/MIST LINE ALUMINUM SUPPORT RAIL

12' ALUMINUM POLY RAIL FOR 16MM TUBE

Dramm aluminum extended track to securely clamp and hold 16mm black or white poly pipe for overhead watering or mist lines

Order #: **60-ALU16** –sold as each

12' ALUMINUM POLY RAIL FOR 25MM TUBE [special order item]

Dramm aluminum track to securely clamp and hold 25mm black or white poly pipe for overhead watering or mist lines.

Order #: **60-ALU25** –sold as each

POLY RAIL CONNECTING BAND 4"

Need one connecting band at every joint of Dramm aluminum poly rail

Order #: **60-ALU501CB** –sold as each

POLY RAIL TOP HANGER

Need at least 2 top hangers with the first rail and 1 with each additional Dramm aluminum rail in a row to support the rail from overhead on 12' centers

Order #: **60-ALU502H** –sold as each

POLY RAIL STOP FOR LINE ENDS

Need one of these for each end of a row of Dramm aluminum poly rail

Order #: **60-ALU541S** –sold as each

#14 JACK CHAIN X 200'

Chain to suspend Dramm aluminum poly rail from greenhouse frame or other infrastructure.

Order #: **60-TSJC14** –sold as 200' roll

16MM POLY RAIL PUNCH TOOL

Handy tool to punch black or white poly pipe after installed in Dramm aluminum poly rail with adjustable rope line to insure all nozzles on a system are evenly spaced and that holes are properly centered.

Order #: **60-ALU509A** –sold as each

FILTERS

3/4" ARKAL DISC FILTER

Our best selling Arkal disc filter. Netafim plastic body unit does a great job of catching sand and physical debris before it gets in your injector or watering system. Filters 0-18 gpm at 140 psi. 140 mesh screening.

Order #: **60-45140** –sold as each



1" ARKAL DISC FILTER

Netafim plastic body filter handles water flows of 5-26 gpm at up to 140 psi. 140 mesh screening.

Order #: **64-25A47** –sold as each

1 1/2" SUPER ARKAL DISC FILTER

Netafim plastic body filter handles flows of 10-52 gpm at up to 140 psi. 140 mesh screening.

Order #: **60-25A17140** –sold as each

2" DUAL MANUAL DISC FILTER

[special order item]

Netafim plastic body filter handles flows of 40-120 gpm at up to 140 psi. 140 mesh screening.

Order #: **60-25A30** –sold as each



1" ALUMINUM STRAINER 100 MESH

Spraying system brand #ITW-AL strainer for watering and mist systems

Order #: **60-4001** –sold as each

PRESSURE REGULATORS

3/4" HOSE THREAD SENNINGER PRESSURE REGULATOR 10 PSI

100 % water tested for accuracy. Tamper-proof housing. Maximum flow path resists plugging. Very low hysteresis and friction loss. 10 psi (0.69 bar) operating pressure. Flows: 0.1 to 7 gpm (0.38-26.5 L/m). Inlet sizes: 3/4" F hose. Outlet size: 3/4" M hose. Backed by 2-year warranty on materials, workmanship and performance. Garden hose thread for small twinwall tape drip systems.

Order #: **60-00100** –sold as each



3/4" SENNINGER PRESSURE REGULATOR 10 PSI

10 psi (0.69 bar) operating pressure; IPT to use with twinwall tape drip systems. Inlet size: 3/4" F NPT; outlet size: 3/4" M NPT.

Order #: **60-706** –sold as each

3/4" NETAFIM PRESSURE REGULATOR 12 PSI

Use with twinwall tape drip systems

Order #: **60-317508** –sold as each



3/4" SENNINGER PRESSURE REGULATOR 20 PSI

20 psi (1.38 bar) operating pressure; IPT to use with wobbler sprinklers/Uniram drip line pot and spray stakes. Inlet size: 3/4" F NPT, outlet size: 3/4" M NPT.

Order #: **60-707** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

3/4" NETAFIM PRESSURE REGULATOR

20 PSI [special order item]

Use with pot & spray stakes, wobbler sprinklers, Uniram drip line

Order #: **60-317514** –sold as each



3/4" SENNINGER PRESSURE REGULATOR

35 PSI

100% water tested for accuracy. Can be installed above or below ground. Maximum flow path resists plugging. Very low hysteresis and friction loss. 35 psi (2.41 bar) operating pressure. Flows: 2 to 20 gpm (7.57-75.71 L/M). Inlet size: 3/4" F NPT. Outlet size: 3/4" F NPT. Backed by 2-year warranty on materials, workmanship and performance. IPT to use with overhead sprinklers.

Order #: **60-3501** –sold as each



3/4" NETAFIM PRESSURE REGULATOR

35 PSI [special order item]

Use with overhead sprinklers; 3/4" F NPT x 3/4" F NPT

Order #: **60-32PRV7535** –sold as each

1 1/2" NETAFIM PRESSURE REGULATOR

12 PSI

Flow range 7-35 gpm. Use with twinwall tape drip systems.

Order #: **60-32PRV151** –sold as each



1 1/2" NETAFIM PRESSURE REGULATOR

20 PSI [special order item]

Flow range 7-35 gpm. Use with pot and spray stakes, wobbler sprinklers, Uniram drip line.

Order #: **60-32PRV1.5** –sold as each

1 1/2" NETAFIM PRESSURE REGULATOR

35 PSI

Flow range 7-35 gpm. Use with overhead sprinklers.

Order #: **60-PRV1.5-35** –sold as each

AIR VENTS

Install an air vent at the highest point in your watering system to vent air that gets into watering system. The models with a Shraeder valve like you use to air up your tires or to check pressure allow you to measure system pressure with a tire gauge.

3/4" AIR/VACUUM RELIEF VENT W/ SCHRAEDER VALVE [special order item]

Netafim air vent with Shraeder valve

Order #: **59-65ARIA0** –sold as each



1" GUARDIAN AIR/VACUUM RELIEF VENT

Netafim air vent without Shraeder valve

Order #: **59-65ARIA100** –sold as each



1" GUARDIAN AIR/VACUUM RELIEF VENT W/SCHRAEDER VALVE

Netafim air vent with Shraeder valve

Order #: **65-65ARIA** –sold as each

BALL VALVES

1/2" BRONZE BALL VALVE F X F

Full ball valve with female pipe thread on both sides of valve.

Order #: **60-854** –sold as each

3/4" BRONZE BALL VALVE F X F

Full ball valve with female pipe thread on both sides of valve

Order #: **60-853** –sold as each

1 1/2" PVC BALL VALVE F SLIP X F SLIP

With female slip socket ends to glue in place

Order #: **62-029391** –sold as each

GATE VALVES

3/4" BRASS GATE VALVE F X F

[special order item]

Brass gate valve with female pipe thread on both sides of valve.

Order #: **60-3434** –sold as each

1" BRASS GATE VALVE F X F

Brass gate valve with female pipe thread on both sides of valve.

Order #: **60-11** –sold as each

1/2" PVC GATE VALVE F SLIP X F SLIP

With female slip socket ends to glue in place.

Order #: **62-0012** –sold as each

3/4" PVC GATE VALVE F SLIP X F SLIP

With female slip socket ends to glue in place.

Order #: **62-0034** –sold as each

1 1/2" PVC GATE VALVE F SLIP X F SLIP

With female socket ends to glue in place.

Order #: **62-029391** –sold as each

SOLENOID VALVES

1" NETAFIM PLASTIC 24 VOLT SOLENOID

Our very best selling solenoid. Works good for most all watering applications and includes manual flow control adjustment.

Order #: **60-61ETIPBI** –sold as each

1" PLASTIC 6VOLT LATCHING SOLENOID

Our standard Netafim 1" PVC body but with a 6 volt latching coil to use with Miracle watering controllers.

Order #: **62-V08010** –sold as each

6VOLT LATCHING COIL F/1" PLASTIC

SOLENOID [special order item]

6 volt Netafim coil only to adapt 24 volt solenoid to 6 volt

Order #: **62-61SDD2** –sold as each

AQUANET 3/4" DC SOLENOID



[special order item]

Netafim 3/4" globe valve with flow control for 9 to 12 volt DC operation to use with Miracle controllers

Order #: **60-26EVDCN07T** –sold as each

AQUANET 1" DC SOLENOID

Netafim 1" plastic valve with 9 to 12 volt DC coil to use with Miracle controller.

Order #: **62-26EVD** –sold as each



AQUA PRO CONTROLLER ON 1" SOLENOID

Netafim Aqua Pro controller mounted on 1" plastic solenoid with 9 to 12 volt DC coil to allow automatic control and water programming for that valve.

Order #: **60-API00** –sold as each

AQUANET 1 1/2" GLOBE SOLENOID

[special order item]

Netafim PVC globe valve with flow control for 9 to 12 volt DC operation to use with Miracle controller.

Order #: **60-26EVDCN15** –sold as each



2" THROTTLING SOLENOID VALVE [special order item]

Netafim 2" plastic solenoid with 24 volt coil.

Order #: **62-61ET2** –sold as each

24V BRASS 3/4" SUPERIOR SOLENOID

Quick acting 24 volt brass solenoid. Great for mist systems and other watering systems with short on times.

Order #: **60-105** –sold as each

110V BRASS 3/4" SUPERIOR SOLENOID

Quick acting 110 volt brass solenoid. Great for mist systems and other watering systems with short on times.

Order #: **60-975** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

MISTING CONTROLLERS

ELECTRONIC LEAF MIST CONTROLLER

This is the legendary electronic leaf mist controller. Adjust the counterbalance weight to allow mist on time you desire. When it dries out the mist comes back on. Will dry out and mist more often on hot dry days and less on cool or humid days. New model ships with transformer so you can plug into 120 volt outlet but connect to 24 volt solenoid to operate mist lines. Order #: **60-34100** –sold as each

SINGLE ZONE 24V MISTING CONTROLLER

[discontinued when sold]

Phytotronics mist controller to operate 1 zone. Use with 24 volt solenoids. 2 to 60 second on time and 2 to 180 minutes between on time. Order #: **60-10001** –sold as each



GEMINI 6 MIST CONTROLLER

[special order item]

6 station Phytotronics mist controller. Use with 24 volt solenoids. Equipped with sun sensor technology. Up to 9 programs available. Comes with 20' cord and eliminates 24 hour timer resets due to change in season and daylight savings time since controller loaded with perpetual day length changes for all year. Mist adjustable from 2 to 60 seconds to 60 minutes between on time for each individual zone. Order #: **60-1107** –sold as each



PHYTOTRONICS MISTING CONTROLLER

[special order item]

Original 6 station Phytotronics mist controller. Use with 24 volt solenoids. Updated lightning and electrical surge protection. Has 1, 2 and 3 x time extender. 2-20 second on time and ability to set different minutes between on times for each of 6 zones. Order #: **60-16261** –sold as each



MINI SOLAR I MIST CONTROLLER

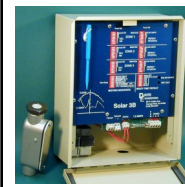
[special order item]

Davis I station timer with solar sensor allows the timer to mist more often when very sunny and less often when dark and cloudy. Use with 24 volt solenoid.

Order #: **60-3** –sold as each

SOLAR 3B CONTROLLER WITH LX5

SOLAR SENSOR [special order item]



Davis 3 station timer with solar sensor adjustment when desired. Allows the timer to mist more often when very sunny and less often when dark and cloudy. Use with 24 volt solenoid. Each zone controlled individually.

Order #: **60-03** –sold as each

SOLAR 6A CONTROLLER WITH LX5

SOLAR SENSOR [special order item]



Davis 6 station timer with solar sensor adjustment when desired. Allows the timer to mist more often when very sunny and less often when dark and cloudy. Use with 24 volt solenoid. Each zone controlled individually.

Order #: **55-6A** –sold as each

DE8PR2 MIST/H2O CONTROLLER

[special order item]

Davis 8 station controller that can be used for either mist or watering control. Use with 24 volt solenoids. Each zone controlled individually.

Order #: **60-04** –sold as each

WATERING CONTROLLERS

AC-TO-DC POWER ADAPTER

To adapt battery powered controllers to operate on 120 volt electric power.

Order #: **60-273027** –sold as each

ADAPTAPLUG-O F/AC/DC ADAPTER

Need to use with power adapter to convert battery powered controllers to use 120 volt power.

Order #: **60-2731718** –sold as each

STERLING 8 STATION CONTROLLER

[special order item]

8 station watering controller. Use with 24 volt solenoids.

Order #: **60-008** –sold as each

SC8DSM DAVIS CONTROLLER

[special order item]

Davis 8 station watering controller. Use with 24 volt solenoids. Each zone controlled individually.

Order #: **60-8** –sold as each

PROPORTIONERS

MIX PRO II FIXED RATIO PROPORTIONER

Dosmatic works at up to 7 gpm 1/100 ratio proportioner. Flow Rate: 0.15-7 gpm or 0,57-26,5 lpm; Injection Rate: 1.0% or 1:100; Operating Pressure: 7-70 psi or 0,48-4,8 bar; Inlet/Outlet: 3/4" npt/ght/bsp

Order #: **33-0105** –1:100 ratio unit –sold as each

DOSMATIC MINIDOS 2.5% PROPORTIONER TO 12 GPM

Flow Rate: 0.03-12 gpm or 0,11-45 lpm; Injection Rate: 0.50%-2.50% or 1:200-1:40; Operating Pressure: 6.0-140 psi or 0,41-9,7 bar; Inlet/Outlet: 3/4" npt/bsp

Order #: **33-112602** –sold as each



SUPERDOS 30 2.5% PROPORTIONER TO 30 GPM

Our best selling proportioner. Dosmatic Superdos treats up to 30 gpm with on/off handle on top to allow clear water leaching when needed. Most commonly used at 1:100 ratio. Flow rate: 0.15-30 gpm or 0,57-113,56 lpm; injection rate: 0.20%-2.5% or 1:500-1:40; operating pressure: 5-100 psi or 0.34-6,9 bar; inlet/outlet: 1" npt/bsp.

Order #: **33-01056** –sold as each



SUPERDOS 45 2.5% PROPORTIONER TO 45 GPM



Flow Rate: 0.50-45 gpm or 1,89-170,34 lpm; Injection Rate: 0.20%-2.5% or 1:500-1:40; Operating Pressure: 5-100 psi or 0,34-6,9 bar; Inlet/Outlet: 1 1/4" npt/bsp. Dosmatic unit most commonly used at 1:100 ratio.

Order #: **33-01061** –sold as each

HOZON BRASS SYPHONJECT



Liquid fertilizing has never been easier. Heavy duty brass siphon mixer. Fertilizes as you water. Average dilution ratio 16:1. With built-in vacuum breaker. 3/4" male and female hose threads. Does reduce water pressure and thus takes longer to water. Do not use with water hose longer than 50'.

Order #: **33-80562** –sold as each –12 per case

Order #: **33-80562** –sold as each –12 per case

PLASTIC SYPHONJECT

New plastic body siphon from Dramm. Proportions at 16 to 1 like original brass proportioner. Each gallon in your supply tank is 16 gallons when it comes out the water hose. Just like the brass unit, it does reduce water flow and slows down your watering when feeding with the syphonject. Plastic unit has external check valve.

Order #: **33-80625** –sold as each –12 per case

RAINBOW IN-LINE AUTO FEEDER MODEL 320

Rainbow lifeguard basket applicator widely used to apply chloring/bromine to pools and hot tubs. Provides more efficient use of slow dissolve trichlor or bromine tablets or sticks. Top loading for convenience. External control valve for precise fee adjustment. Some small market gardeners and truck croppers use this as an inexpensive device to apply water soluble fertilizers through drip irrigation systems. These are a relatively inexpensive applicator, but you do not have real control of rate or ppm of fertilizer you are applying.

Order #: **33-RI71096** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

DOSMATIC ACCESSORIES

1" TWISTCLEAN FILTER 140/104

Flow Rate: 30 gpm or 6.8m3h; Operating Pressure: 100 psi or 7 bar; Inlet/Outlet: 1" npt/bsp. Twist to back flush and clean. Twist back for normal filter operations. 140 mesh screen.

Order #: **33-015670** –sold as each



LOWER END KIT E FOR DOSMATIC A-10

[special order item]

Order #: **33-011726** –sold as kit

LOWER END KIT FOR DP 30 PROPORTIONER 2.5%

Order #: **33-011212** –sold as kit

LOWER END VITON KIT E FOR A-30 2.5%

Same kit works on new Superdos 30 unit

Order #: **33-011831** –sold as kit

LOWER END KIT FOR DOSMATIC A-40 2.5%

Same kit works on new Superdos 40 unit

Order #: **33-011832P** –sold as kit

BIG DOS MOBILE CART [special order item]

2 wheel cart with fertilizer solution tank and filter ready to mount your Dosmatic proportioner.

Order #: **33-011809** –sold as each

DOSMATIC PLUS WALL MOUNTING BRACKET

Metal strap to go around Dosmatic injector to mount to wall, cart, bench, etc.

Order #: **33-18330** –sold as each

IRROMETER MOISTURE GAUGES

Wonderful gauges to judge moisture levels in your soil. Use the "P" portable meter to move from place to place. Use the "R" models to install in one place where you can check the gauges regularly to decide when and how much to water. Use different length probes to watch soil moisture at different soil depths with these tensiometers.

12" MODEL "P" IRROMETER

[special order item]

12" long portable unit designed to move from place to place to take moisture level readings where needed. Must keep ceramic tip moist when not in use or being transported.

Order #: **60-302** –sold as each

6" MODEL "R" IRROMETER

[special order item]

6" long probe to install in place

Order #: **60-106** –sold as each

12" MODEL "R" IRROMETER

[special order item]

12" long probe to install in place

Order #: **60-112** –sold as each

24" MODEL "R" IRROMETER

[special order item]

24" long probe to install in place

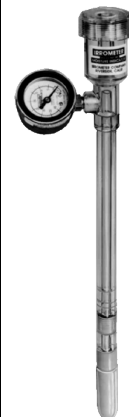
Order #: **60-124** –sold as each

48" MODEL "R" IRROMETER

[special order item]

48" long probe to install in place

Order #: **60-303** –sold as each



TEST PUMP SERVICE UNIT W/GAUGE

[special order item]

One of these units is needed with every installation of irrometers to periodically service and calibrate the unit or units you install.

Order #: **60-304** –sold as each



IRROMETER SERVICE UNIT W/O GAUGE

[special order item]

Unit to service and calibrate irrometers but without gauge

Order #: **60-1001** –sold as each

IRROMETER FLUID-1 OZ. BOTTLE

[special order item]

Fluid to use when calibrating irrometers

Order #: **60-1004** –1 oz. –sold as each

IRROMETER STOPPERS-1 DOZ. PKG

[special order item]

Replacement stoppers for just under cap. Eventually, these will get brittle from UV exposure.

Order #: **60-10041** –12 per pack

To Order Call: 405.787.4833 or 1.800.522.3376
Prices subject to change without notice