




METZERPLAS

IRRIGATION SYSTEMS



METZERPLAS LTD.	2
ADI	4
VERED	6
INBAR	8
LIN	10
SUPER COMPACT	12
IDIT	14
ULTRA	16
BENEFITS OF SUBSURFACE DRIP IRRIGATION	18
EXCLUSIVE ROOTGUARD® PROTECTION	19
ADO	20
COLOURED PIPES AND DRIPLINES	21
POLYETHYLENE WATER PIPES AND TUBES	22
OUTSTANDING FEATURES OF METZERPLAS PIPES	23
BARB CONNECTORS	24
CONNECTORS	25



METZERPLAS

WELCHEBILT?



Company Profile

Metzerplas Ltd., privately owned by Kibbutz Metzer, is located in Israel's central district. Metzerplas was established in 1970, and since has accumulated extensive expertise and know-how in development, design, production, marketing and installation of agricultural and landscaping products and turnkey irrigation projects.

Metzerplas products and systems are real-life tested and proven in the Kibbutz fields, enabling complete examination of its leading state of the art products. Based on its experience with scarce and low quality water resources, the company's innovative solutions benefit its customers.

Major Activities

Metzerplas is constantly expanding its design, development and production of more advanced irrigation products: a wider variety of dripper lateral lines – to fit specific requirements, new and innovative fixtures - enabling a myriad of dedicated applications.

Experienced in both production and actual application of these products, we are attentive and sensitive to the requirements and requests of local manufacturers of dripper lines and are able to supply the technological solutions and backup needed to successfully compete in their markets.

Main Products

- High speed production lines for both cylindrical and flat emitters.
- Compensated and non-compensated drippers.
- Irrigation systems and drip laterals.
- PE pipes and fittings for agriculture, electricity, & industry.
- S.P. piping designed for plumbing and water at extreme temperatures and pressures.

International Standards

Metzerplas was granted and maintains the ISO 9002 certificate since 1997. Metzerplas production and service operate under strict ISO 9001:2000 Standards.

Subsidiaries

- Metzerplas Irrigacion – 100% ownership – Markets in Argentine.
- Dura-Line (Israel) – 66.6% partnership – Produces and markets telecommunication tubes and conduits in Israel.
- Metzerplas Australia Pty. Ltd. – 100% ownership – Markets in Australia.

Contact:

Metzerplas Ltd., Kibbutz Metzer M.P. Hefer 38820 Israel
Tel: 972-4-6387001, Fax: 972-4-6385385
E-mail: info@metzerplas.com www.metzerplas.com



PRESSURE COMPENSATED CYLINDRICAL DRIPPER

A clogging free passage for low quality water

Recommended uses:

- Row crops, greenhouses, tree and vineyard irrigation
- Subsurface irrigation
- Slopes with elevation differences

Specifications:

- Flow rates: 1.6 – 2.2 – 3.5
- Operating pressure range: 0.8 – 4.3 bar
- Drip line diameters (OD): 16 – 18 – 20mm.
- Wall thickness: 0.9mm. Up to 1.25mm. (36mil. – 49mil.)

Features:

- Flow passage is ten times larger than that of any other pressure compensated dripper in the world
- Turbulent flushing of the pressure compensating system is performed at the beginning and end of each watering cycle
- Large filtering unit surface
- Triple inlet filtration enables water intake from cleanest flow
- Very high dripper-to-dripper uniformity
- Very high uniformity of flow along pressure compensating range
- High clogging resistance - ideal for use with sewage and recycled water
- Available also in Rootguard® configuration for extra protection against root intrusion in sub-surface irrigation!

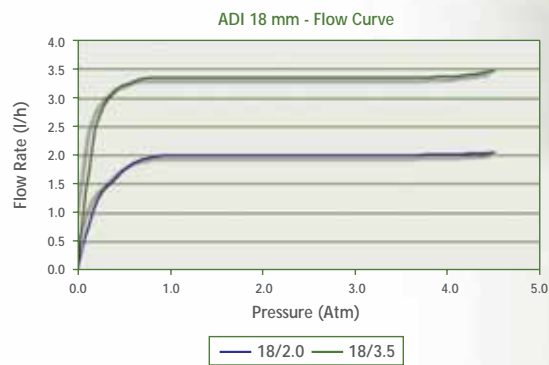
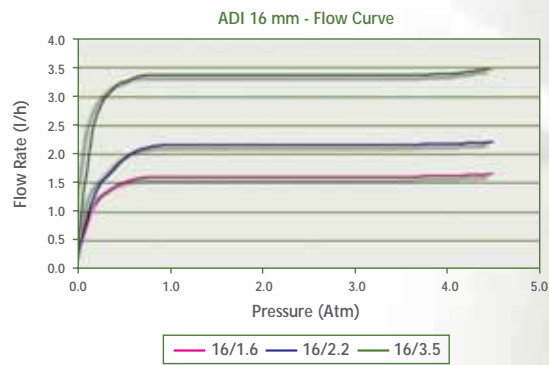
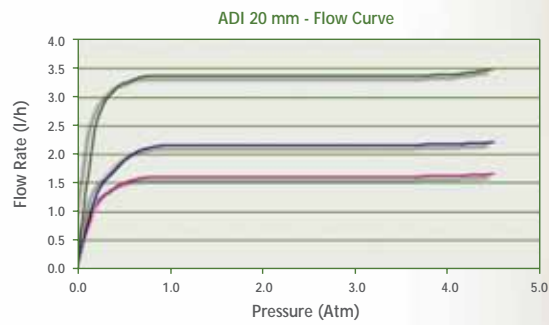


ADI Dripper

Dripper	Flow Rate	Wall Thickness	O.D.	I.D.
ADI -16/1.6	1.60 l/h	0.9 mm	15.6 mm	13.8 mm
ADI - 16/2.2	2.15 l/h			
ADI - 16/3.5	3.40 l/h			
ADI -16/1.6	1.60 l/h	1.15 mm	16.1 mm	13.8 mm
ADI - 16/2.2	2.15 l/h			
ADI - 16/3.5	3.40 l/h			
ADI - 18/2.0	2.00 l/h	1.20 mm	18.2 mm	18.8 mm
ADI - 18/3.5	3.40 l/h			
ADI - 20/1.6	1.60 l/h	1.25 mm	20.3 mm	17.8 mm
ADI - 20/2.1	2.15 l/h			
ADI - 20/3.5	3.40 l/h			

ADI Lateral Length ($H_0 = 4.3 \text{ Atm}$; $S = 0\%$)

Dripper	Spacing (m)							
	0.20	0.30	0.40	0.50	0.60	0.75	1.00	1.50
16/1.6	112	161	206	249	289	344	430	582
16/2.2	97	138	176	212	245	291	362	488
16/3.5	68	98	126	152	176	211	264	357
18/2.0	123	176	226	272	316	377	471	636
18/3.5	86	124	159	192	223	267	334	452
20/1.6	168	241	308	371	431	515	642	869
20/2.1	151	214	272	326	376	446	552	738
20/3.5	102	147	188	227	263	315	394	534





VERED
VERED

PRESSURE COMPENSATED FLAT DRIPPER

Economical pressure compensated dripper

Recommended uses:

- Row crops, greenhouses, tree and vineyard irrigation.
- Subsurface irrigation.
- Slopes with elevation differences.

Specifications:

- Flow rates: 1.2 – 1.6 – 2.1 l/hr (coming soon - 3.5 l/hr).
- Operating pressure range: 0.5 – 4.3 bar.
- Drip line diameters (OD): 16 – 17 – 20mm.
- Wall thickness: 0.6mm. - 1.25mm. (16-49mil.).

Features:

- Regulated flat dripper manufactured under our own state-of-the-art insertion technology.
- Maintains the reliable and field proven pressure compensating mechanism of ADI drippers, similarly ensuring steady wide water passage.
- Flat shaped dripper allows much longer laterals than other flat pressure compensated drippers.
- Fast entry to pressure compensating mode of the whole dripline without hump.
- Very high dripper-to-dripper uniformity.
- Very high uniformity of flow along pressure compensating range.
- High clogging resistance - ideal for use with sewerage and recycled water.
- Available also in ROOTGUARD® version: the most economic solution for reliable sub-surface drip irrigation!

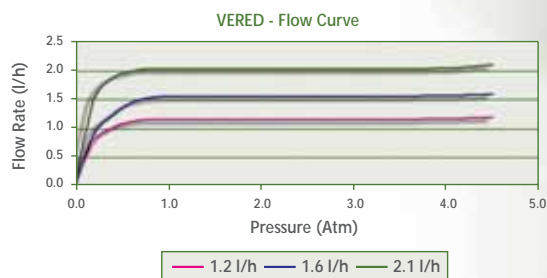


VERED Dripper

Dripper	Flow Rate	Wall Thickness	I.D.	O.D.
VERED -16/1.2	1.2 l/h	0.6 mm	15.2 mm	16.4 mm
VERED - 16/1.6	1.6 l/h			
VERED - 16/2.1	2.1 l/h			
VERED -16/1.2	1.2 l/h	1.15 mm	13.8 mm	16.1 mm
VERED - 16/1.6	1.6 l/h			
VERED - 16/2.1	2.1 l/h			
VERED - 17/1.2	1.2 l/h	0.9 mm	15.0 mm	16.8 mm
VERED - 17/1.6	1.6 l/h			
VERED - 17/1.6	2.1 l/h			
VERED - 17/1.2	1.2 l/h	1.15 mm	15.0 mm	17.3 mm
VERED - 17/1.6	1.6 l/h			
VERED - 17/1.6	2.1 l/h			
VERED - 20/1.2	1.2 l/h	1.0 mm	17.4 mm	19.4 mm
VERED - 20/1.6	1.6 l/h			
VERED - 20/2.1	2.1 l/h			
VERED - 20/1.2	1.2 l/h	1.25 mm	17.4 mm	19.9 mm
VERED - 20/1.6	1.6 l/h			
VERED - 20/2.1	2.1 l/h			

VERED Lateral Length (no = 4.0 Atm; S = 0%)

Dripper	Spacing (m)							
	0.20	0.30	0.40	0.50	0.60	0.75	1.00	1.50
16/1.2	136	194	248	298	344	410	510	687
16/1.6	113	161	205	247	286	341	424	570
16/2.1	94	135	172	207	239	285	355	479
17/1.2	171	241	304	363	418	494	610	813
17/1.6	141	200	252	301	347	410	506	675
17/2.1	115	162	205	245	281	333	412	549
20/1.2	231	323	406	482	553	652	801	1062
20/1.6	191	268	337	400	459	541	665	884
20/2.1	160	224	282	336	385	454	559	741





INBAR

NEW FLAT SELF-COMPENSATING ANTI-SIPHON DRIPPER

Recommended uses:

- Greenhouses
- Subsurface irrigation
- Slopes with elevation differences

Specifications:

- Flow rates: 1.2 – 1.6 l/hr.
- Sealing pressure: 0.14 bar.
- Opening pressure: 0.8 bar.
- Drip line diameters (OD): 16 - 17 - 20mm.
- Wall thickness: 0.6mm. – 1.15mm. (16mil. – 45mil.)

Features:

- Wide water passage with large filtering surface area and low static loss.
- Reliable proven pressure compensating mechanism of ADI drippers with self-flushing operation at the beginning and end of each irrigation cycle.
- No drainage of water at the end of irrigation cycles saves time emptying and refilling the dripline and assures instant entry into compensating flow.
- Very high dripper-to-dripper uniformity.
- The “anti-siphon” feature prevents aspiration of soil and dirt into the dripper.
- Ideal for short pulse irrigation.
- Suitable for use with sewerage and recycled water.
- Available also in Rootguard® configuration for extra protection against root intrusion in sub-surface irrigation!

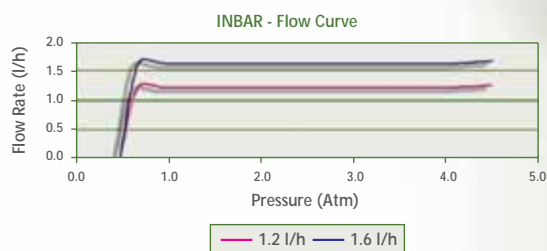


INBAR Dripper

Dripper	Flow Rate	Wall Thickness	I.D.	O.D.
INBAR - 16/1.2	1.2 l/h	0.6 mm (24 mil)	15.2 mm	16.4 mm
INBAR - 16/1.6	1.6 l/h			
INBAR - 16/1.2	1.2 l/h	0.9 mm (36 mil)	13.8 mm	15.6 mm
INBAR - 16/1.6	1.6 l/h			
INBAR - 16/1.2	1.2 l/h	1.15 mm (46 mil)	13.8 mm	16.1 mm
INBAR - 16/1.6	1.6 l/h			
INBAR - 17/1.2	1.2 l/h	1.15 mm (46 mil)	15.0 mm	17.3 mm
INBAR - 17/1.6	1.6 l/h			
INBAR - 20/1.2	1.2 l/h	1.0 mm (40 mil)	17.4 mm	19.4 mm
INBAR - 20/1.6	1.6 l/h			
INBAR - 20/1.2	1.2 l/h	1.25 mm (50 mil)	17.4 mm	19.9 mm
INBAR - 20/1.6	1.6 l/h			

INBAR Lateral Length (no = 4.0 Atm; S = 0)

Dripper	Spacing (m)							
	0.20	0.30	0.40	0.50	0.60	0.75	1.00	1.50
16/1.2	144	203	256	306	352	416	512	683
16/1.6	120	168	213	254	292	345	426	567
17/1.2	172	241	303	360	413	488	599	795
17/1.6	143	200	252	299	343	404	498	660
20/1.2	237	327	408	482	551	646	790	1041
20/1.6	196	272	339	400	457	536	656	866





COST EFFECTIVE COMPACT DRIPPER

Reliable and clog resistant thin-wall dripline

Recommended uses:

- Greenhouses.
- Subsurface irrigation.
- Row crops.

Specifications:

- Nominal flow rates (1 bar): 1.2 – 1.6 l/hr.
- Drip line diameters (OD): 16 – 17 - 20mm.
- Wall thickness: 0.2mm. –0.9mm. (8mil. – 36mil.)

Features:

- Light Integral Non-pressure compensated flat dripline.
- Cost effective units - thin walls provide compact, tightly packed packages, hence low freight/transportation costs.
- Large filter area at water entrance ensures continuous operation.
- Very high dripper-to-dripper uniformity.
- Retrievable and reusable.
- Suitable for use with sewerage and recycled water.
- Available in ROOTGUARD® version: the most economic solution for reliable sub-surface drip irrigation!

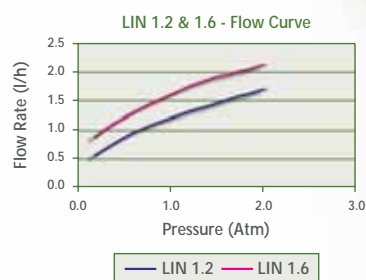


LIN Dripper

Dripper	Flow Rate	Wall Thickness (mm)	I.D. (mm)	O.D. (mm)	Max. Working Pressure(m)
LIN - 16	1.2 l/h	0.20 (8 mil)	15.9	16.3	8
		0.40 (16 mil)	15.9	16.7	20
	1.6 l/h	0.60 (24 mil)	15.2	16.4	22
		0.90 (36 mil)	13.8	15.6	25
LIN - 17	1.2 l/h	0.90 (36 mil)	15.0	16.8	25
	1.6 l/h	1.15 (46 mil)	15.0	17.3	30
LIN - 20	1.2 l/h	1.0 (40 mil)	17.4	19.4	25
	1.6 l/h	1.25 (50 mil)	17.4	19.9	30

LIN Lateral Length (no rs = 0)

Dripper	Spacing (m)							
	0.20	0.30	0.40	0.50	0.60	0.75	1.00	1.50
16/1.2 (0.20,0.40)	88	116	142	165	185	215	259	338
16/1.2 (0.60)	74	102	128	151	173	203	248	327
16/1.2 (0.90)	58	82	103	123	142	167	206	275
16/1.6 (0.20, 0.40)	77	102	125	145	164	190	230	299
16/1.6 (0.60)	61	85	106	126	143	168	206	272
16/1.6 (0.90)	48	67	85	101	116	137	170	227
17/1.2	76	104	129	152	173	202	246	323
17/1.6 (1.15)	63	86	107	126	143	167	204	269
20/1.2	109	146	179	209	206	275	332	434
20/1.6	90	122	149	174	196	228	276	360





SUPER COMPACT

2016K COMPACT

**ECONOMICAL
INTEGRAL LABYRINTH,
SHORT CYLINDRICAL
DRIPPER**

Recommended uses:

- Greenhouses.
- Subsurface irrigation.
- Row crops.

Specifications:

- Nominal flow rates (1 bar): 1.4 l/hr.
- Drip line diameters (OD): 16mm.
- Wall thickness: 0.65mm. (26mil).

Features:

- The most economical cylindrical drip lateral dripper.
- Double inlet design allows continuous clean water entry.
- Very high dripper-to-dripper uniformity.
- Higher working pressure than similarly priced alternatives.
- Laterals manufactured from high quality materials, resistant to fertilizers, chemicals and inclement environmental conditions.
- Spacing between the drippers range from 15 cm. (any other value up to two meters available off the shelf. For larger spacing consult Metzerplas).
- Suitable for quick spreading and easy rolling.
- Flexible dripper construction enables reduce freight volume. When in use the dripline returns to its original cylindrical shape.
- High clogging resistance due to wide labyrinth.
- Medium wall thickness with durable strength for multi seasonal use.
- Suitable for use with sewerage and recycled water.
- Available in ROOTGUARD® version: the most economic solution for reliable sub-surface drip irrigation!

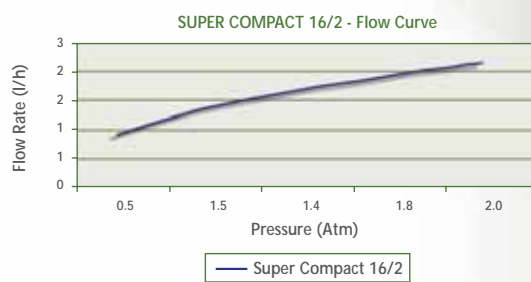


Super Compact Dripper

Dripper	Flow Rate	Wall Thickness (mm)	I.D. (mm)	O.D. (mm)
Super Compact 16/2.0	1.4 l/h (1.4 Atm)	0.65 mm	14.7 mm	16.0

SUPER COMPACT Lateral Length ($p = 1.4 \text{ Atm}$; $S = 0$)

Dripper	Spacing (m)							
	0.20	0.30	0.40	0.50	0.60	0.75	1.00	1.50
16/2	69	91	110	127	143	165	199	258





IDIT
IDIT

RELIABLE AND EFFICIENT TURBULENT DRIPPER

Recommended uses:

- Citrus and deciduous tree irrigation.
- Subsurface irrigation.
- Row crops, vineyards.

Specifications:

- Nominal flow rates (1 bar): 1.4 – 2.2 - 3.1 l/hr.
- Drip line diameters (OD): 16mm.
- Wall thickness: 0.9mm. – 1.15mm. (36mil. – 46mil.)

Features:

- Integral labyrinth dripper, well proven in rough field conditions.
- Double inlet design provides continuous clean water entry.
- Very high dripper-to-dripper uniformity.
- Minimum spacing between drippers: 15 cm. (any other value up to two meters available off the shelf - for larger spacing consult Metzerplas).
- Perfectly suitable for quick spreading and easy rolling.
- Especially wide labyrinth allows improved turbulent water flow when working with low quality water.
- Available also in ROOTGUARD® version: the most economic solution for reliable sub-surface drip irrigation!

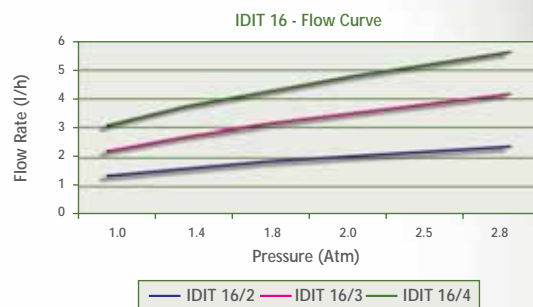


IDIT Dripper

Dripper	Flow Rate	Wall Thickness	O.D.	I.D.
IDIT	2 l/h	0.9 mm	15.6 mm	13.8 mm
	3 l/h			
	4 l/h			
IDIT	2 l/h	1.15 mm	16.1 mm	13.8 mm
	3 l/h			
	4 l/h			

IDIT max Lateral Length (no = 2.0 Atm; S = 0)

Dripper	Spacing between drippers (cm)							
	20	30	40	50	60	75	100	150
16/2	63	84	103	120	136	158	190	248
16/3	45	60	73	86	97	113	136	177
16/4	36	49	60	71	80	93	113	147





ULTRA

LONG LABYRINTH INTEGRAL DRIPPER

Recommended uses:

- Citrus and deciduous tree irrigation.
- Subsurface irrigation.
- Row crops, vineyards.

Specifications:

- Nominal flow rates (1 bar): 7.1 l/hr (16 mm.), 1.32 l/hr (20 mm.), 2.52 l/hr (20 mm.), 3.98 l/hr (20 mm.)
- Drip line diameters (OD): 16mm. – 20mm.
- Wall thickness: 1.15mm. – 1.25mm. (46mil. – 49mil.)

Features:

- Perfectly suitable for quick spreading and easy rolling.
- Spacing between drippers range from 15 cm. (any other value up to two meters available off the shelf. For larger spacing consult Metzerplas).
- Drippers with various spacing for suitable concentration of water in the root area.
- Stepped holes: laterals can be produced with varied spacing of drippers, alternating lateral areas with concentrated drippers and areas without them.
- The wall thickness of the laterals can be adjusted to meet special requirements.
- Available also in ROOTGUARD® version: the most economic solution for reliable sub-surface drip irrigation!

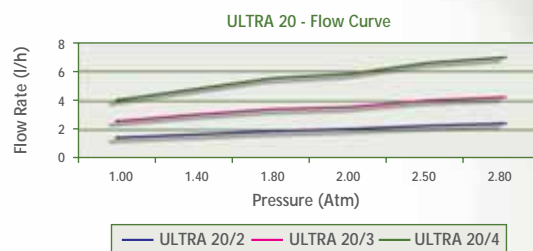
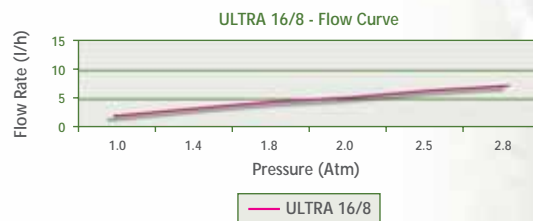


ULTRA Dripper

Dripper	Flow Rate	Wall Thickness	I.D.
ULTRA 16	8 l/h	0.9, 1.15 mm	13.8 mm
ULTRA 20	2,3,4 l/h	1.05, 1.25 mm	17.4 mm

ULTRA Lateral Length (r = 20; s = 0)

Dripper	Spacing (m)							
	0.20	0.30	0.40	0.50	0.60	0.75	1.00	1.50
16/8	23	31	38	44	50	59	71	93
20/2	79	109	136	160	183	215	262	345
20/3	58	80	99	116	132	155	188	246
20/4	41	56	69	81	92	108	131	173





SUBSURFACE DRIP IRRIGATION

Benefits:

- **Higher Yields**

Water and nutrients delivered directly to the root zone promote healthy plant growth and reduce plant stress.

- **Healthier, Better Quality Crops**

Soil and foliage are kept dry, reducing fungal diseases caused by surface or overhead irrigation. Prevents fruit and vegetables from rotting as commonly caused by overhead irrigation.

- **Safe and Efficient Delivery of Fertilizers and Insecticides**

Chemicals are directly applied to the roots with subsurface drip, reducing chemical pollution in the aquifer.

- **Fewer Weeds**

A dry soil surface reduces weed germination and the need to use herbicides.

- **Improved Soil Aeration**

Fine soil particles are not washed down, therefore decreasing soil compaction and improving root growth.

- **Substantial Water Savings**

Eliminates water loss due to evaporation, mist, surface runoff or wind interference.

- **Less Salt**

Control of aquifer water and soil salinity is improved because less water is used, and surface evaporation is eliminated.

- **Extended Irrigation System Life**

The turbulent flow drippers and tubing are made from durable polymers. Additional protection from damage caused by ultraviolet light, temperature and humidity fluctuations is achieved when the system is placed underground.

- **Less Mechanical Damage**

Mechanical equipment can move freely on the surface without damaging the irrigation requirement and with less compaction of soil due to traffic. In relatively deep installations it is even possible to plow fields.



- **Safety**
No sprinkler heads, pipes or surface driplines that can cause injury.
- **Lower Maintenance Costs**
The system is installed permanently below cultivation depth and requires minimal handling.
- **Reliability**
Significantly less damage due to vandalism, animals or harvest activities.
- **Fewer Chemicals**
Fungicides and insecticides are not washed off by irrigation water but delivered directly through the system, thus reducing waste.
- **Landscaping**
Sub-surface drip irrigation enables parks and garden irrigation without interfering with visual design and aesthetics.

EXCLUSIVE ROOTGUARD® PROTECTION

The most recommended drippers for use in sub-surface drip irrigation are pipes employing ROOTGUARD®, a registered trademark of A. I. Innovations. N.V. ROOTGUARD® overcomes root intrusion, which is the main problem in SDI (sub-soil drip irrigation), by treating the soil with trifluralin.

ROOTGUARD® drippers incorporate an advanced technology of controlled trifluralin release, by adding a carrier polymer. A pool of trifluralin is created within the dripper, which serves both for protection against chemicals and biological destruction, and as a carrier releasing small quantities of trifluralin in the soil surrounding the dripper - for many years and in a controlled manner. This technology provides long-term full protection against root intrusion without damaging the crop and without migration of excess trifluralin to the aquifers.

Metzerplas has a large range of ROOTGUARD® products.

The advantages of using ROOTGUARD® as compared to ordinary drippers:

- ROOTGUARD® eliminates the need to inject trifluralin manually. Manual trifluralin injection may be complicated, inaccurate and requires delicate equipment.
- ROOTGUARD® applies the trifluralin more effectively. Small amounts are constantly released, regardless of the watering cycle. In ordinary drippers the trifluralin is supplied 2 to 4 times a year in large quantities in each application, thus the effectiveness is lower, the costs are higher, and excess material can reach the aquifers.
- ROOTGUARD® is easy to maintain: just bury the equipment in the soil and let ROOTGUARD® do the work.



ADO

PRESSURE COMPENSATED "BUTTON" DRIPPER

Recommended uses:

- Nurseries, greenhouses.
- Citrus and deciduous trees.
- Subsurface irrigation.



Specifications:

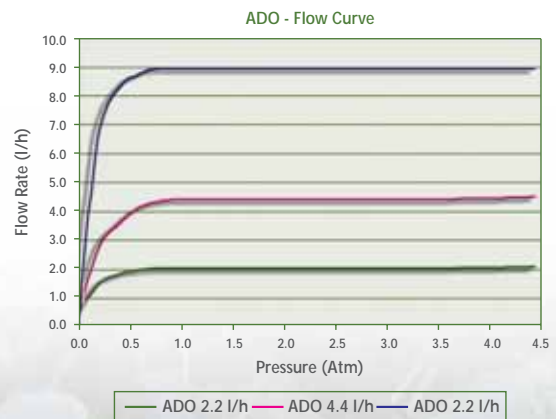
- Flow rates: operating pressure range - 0.6 to 4.3 ATM.
- Discharge: 2.2, 4.4, 8.8 l/hr.
- For use with LD Pipes 16mm.
– 25mm. O.D. (min. class 4).

Features:

- Maintains the reliable and field proven pressure compensating mechanism of the ADI dripper.
- Outstanding large water passages.
- Turbulent flushing of all water passages at the beginning and at the end of each irrigation cycle.
- Suitable for high-pressure applications.
- Reliable operation and flow rates even at pressures exceeding 40 meters.
- This special design enables the addition of integral accessories for pot drip systems (spikes, outlets).
- Injection molding with materials of outstanding durability, strength and resistance to chemicals.



Pot Drip System
2 Outlets 1-2 l/h each
4 Outlets 1-2 l/h each
8 Outlets 1-2 l/h each



COLOURED PIPES AND DRIPLINES

- Double layer pipes and drip laterals. Bright colours outside - black inside, provides UV-degradation protection.
- Enables landscaping design so that water will reach all the required places, without obtrusive tube presence or damage to the aesthetics of the project.
- Unique weather and UV resistance. Its unique construction keeps all the characteristics of the standard pipes while aesthetically merging with the surroundings.
- Prevents algae growth inside the pipes, by providing total protection from penetration of sunrays into the pipe.
- Coloured pipes can be used together with all types of drippers.
- Available in four standard colours: white, brown, purple and green.
- Additional colours available for special orders: We will match your background colour on request.





POLYETHYLENE WATER PIPES AND TUBES

Metzerplas polyethylene pipes and tubes and complete irrigation systems meet the ever-growing demands of sophisticated sprinklers and drip irrigation systems. Metzerplas pipes are selected for their high quality, durability, versatility and cost efficiency. Production is performed by the specially trained and experienced personnel, using modern extrusion machinery. All manufacturing operations are under strict ISO 9001:2000 quality control standards, therefore the buyer receives high quality, reliable products.

Metzerplas is licensed under Permit No. 622 (by The Standards Institution of Israel) to label its products with the Standards Mark, attesting that the product was tested by the Israel Standards Institute and conforms with Standard SI 499, applying to polyethylene water pipes.

Main applications:

Irrigation; Potable water supply; Transport of wastewater.

Dimensions

Metzerplas polyethylene pipes and tubes are produced in standard dimensions. All dimensions are within the tolerances specified by Israel Standard SI 499. In addition, Metzerplas produces, on request, any combination of outer/inner diameters and wall thickness values within the range of 5 mm to 160 mm.

Quality Control

Metzerplas maintains a sophisticated, modern laboratory, that checks the quality of all products leaving its factory and thus ensures their reliability and compliance with Israeli and International Standards.

Materials

Metzerplas polyethylene pipes and tubes are manufactured from low density (soft) and high density (rigid) polyethylene and include additives for protection against oxidation. Metzerplas high density (rigid) polyethylene pipes use PE63, PE80 or PE100. Metzerplas polyethylene pipes contain 2.5% black carbon, protecting them against potential deterioration caused by ultra-violet rays.

OUTSTANDING FEATURES OF METZERPLAS PIPES

- Light weight.
- Corrosion resistant.
- Withstands chemicals, fertilizers and herbicides.
- Non toxic and odorless, suitable for use with potable water.
- Resistant to inclement weather effects.
- Durable materials, will last for decades.
- Withstands deformation, resumes original shape.
- Smooth interior, low friction losses.
- Saves labor in handling and installation.
- Reliable performance and easy maintenance.
- Approved for use in countries where the use of other pipes are forbidden due to fear of carcinogenic ingredients.



Marking

Metzerplas polyethylene pipes are clearly marked with the name of the manufacturer, type of polyethylene, diameter of pipe and pressure classification, year of manufacture and Standards Mark.

Non-standard marking, e.g., distributor name, etc. available on request.

Warranty

Metzerplas warrants that all its products conform to the specifications set forth in the technical data table, as required by the Water Workers Association of Israel. Metzerplas polyethylene pipes and tubes carry a five-year warranty for any fault in production when laid above ground. Advice and field service for Metzerplas pipes are available even after warranty expires.

BARB CONNECTORS

FOR L.D.P.E PIPES AND DRIPLINES
(ULTRA, ADI, IDIT, LIN, VERED & INBAR)

(Min. Quantity per order: 100 units)



Adaptor

16 X 16
16 X 20
17 X 17
17 X 16
17 X 20
20 X 20



Male adaptor

16 X 1/2"
16 X 3/4"
20 X 1/2"
20 X 3/4"



T connector

16 X 16 X 16
20 X 20 X 20
20 X 16 X 20
16 X 20 X 16



T thread connector

16 X 1/2" X 16
16 X 3/4" X 16
20 X 1/2" X 20
20 X 3/4" X 20



Y Male connector

16 X 3/4"
20 X 3/4"



Three way Y male connector

16 X 3/4"
20 X 3/4"



Six way connector

3/4" X 16
3/4" X 20



Four way connector

3/4" X 16
3/4" X 20



Three way elbow connector

3/4" X 16
3/4" X 20



Male thread elbow
 16 X 1/2"
 16 X 3/4"
 20 X 1/2"
 20 X 3/4"



Two way elbow connector
 3/4" X 16
 3/4" X 20



Elbow
 16 X 16
 20 X 20



Start connector
 16 mm.
 20 mm.



Rubber Seal
 For Start Connector

CONNECTORS

THIN WALL DRIPLINES



Coupling Tape 17 - 17



Indented Coupling Barbed Tape 16 - 17



Grommet Tape + Rubber Seal 17



Terminal Tape 17



Nipple Tape 3/4" - 17

(Min. Quantity per order: 100 units)







METZERPLAS

Kibbutz Metzer M.P. Hefer 38820 Israel
Tel: 972-4-6387001, Fax: 972-4-6385385
E-mail: info@metzerplas.com www.metzerplas.com



METZERPLAS

Kibbutz Metzer M.P. Hefer 38820 Israel
Tel: 972-4-6387001, Fax: 972-4-6385385
E-mail: info@metzerplas.com www.metzerplas.com