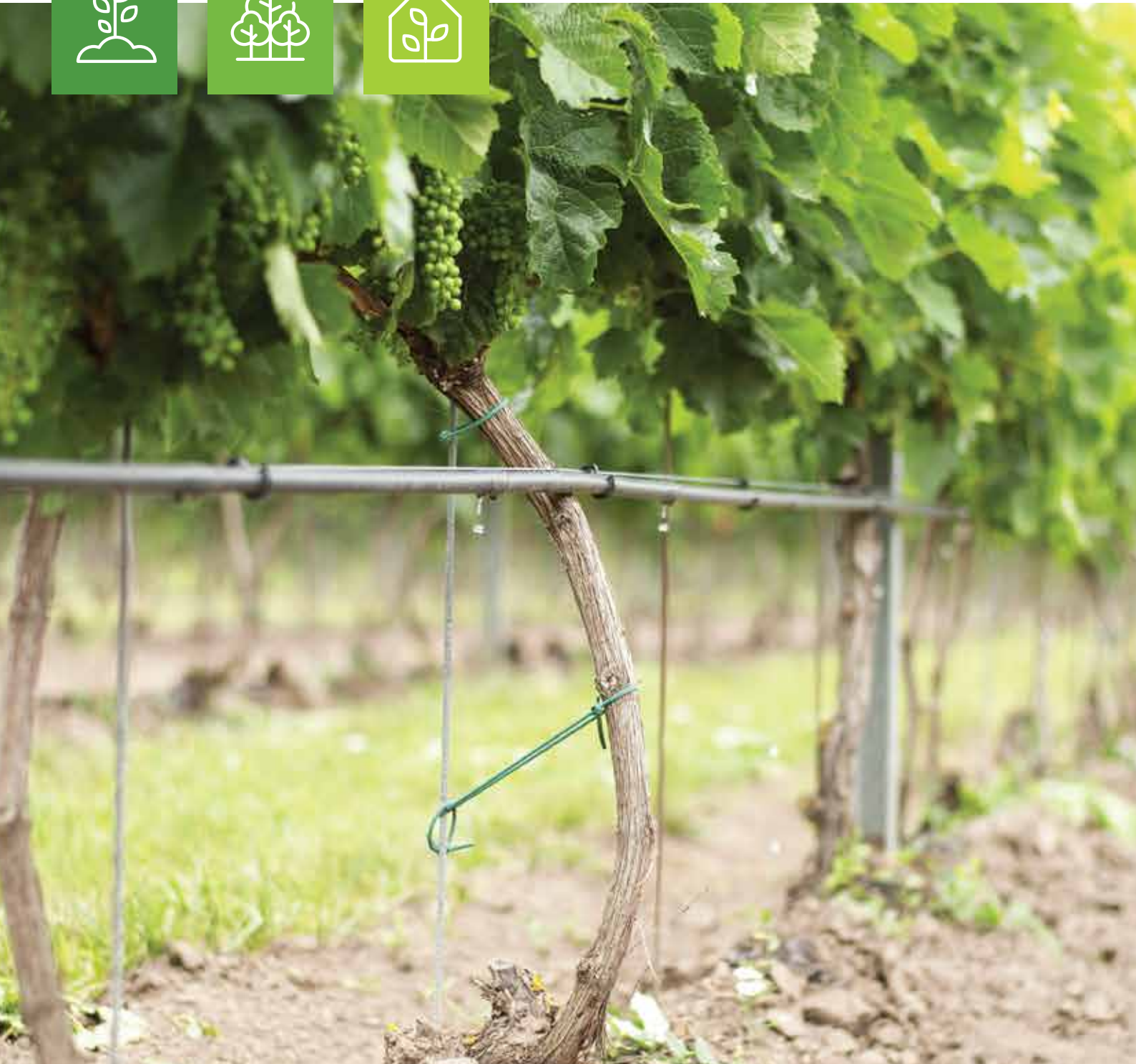




High-performance

DRIP IRRIGATION SOLUTIONS

for every crop and terrain





PoliFlat Driplines

PoliFlat Drip Lines deliver water directly to plant roots with emitters placed precisely along the pipe. This targeted method ensures efficient irrigation, conserves water, and reduces evaporation loss, making it an ideal solution for sustainable watering.

POLIPLAT T-500 PC/AS/ND



Features

- Exceptional clogging resistance
- Max flexibility – 5× flow rates and multiple wall thickness options
- More efficient
- Uniform crop

Technical data

Size	Ø16, Ø20, Ø22 mm
Operating Pressure	0.5 – 3.5 bar (according to type)
Wall thickness	0.65 – 1.2 mm (25 – 47 mil)
Flow rates (l/h)	0.65, 1.0, 1.5, 2.0, 3.5

POLIPLAT T-450 PC/AS



Features

- Uniform crops
- More efficient irrigation
- Irrigate longer run lengths with uniformity

Technical data

Size	Ø16, Ø20, Ø22 mm
Operating Pressure	0.5 – 3.5 bar (according to type)
Wall thickness	0.65 – 1.1 mm (25 – 45 mil)
Flow rates (l/h)	1.0, 2.0

POLIPLAT T-200 NON-PC



Features

- Maximum clogging resistance with 64 – 93 individual inlets in every dripper
- High velocity design keeps particles in suspension around the dripper

Technical data

Size	Ø16, Ø20 mm
Operating Pressure	0.5 – 3.5 bar (according to type)
Wall thickness	0.65 – 1.1 mm (25 – 45 mil)
Flow rates (l/h)	1.0–8.0 (according to type)



PC SYSTEM (PRESSURE COMPENSATING)

For uniform irrigation even with fluctuating pressures within the pipe.

- Application: sloping terrain and long laterals.
- Pipe drains at system shut down.



AS SYSTEM (ANTI-SIPHON)

Where the risk of soil ingestion at shut-off is high.

- Application: SDI, or on surface with sandy soil.
- Water slowly drains from the pipe, reducing soil particle suction into the dripper at shutdown.



ND SYSTEM (NO DRAIN)

For short and frequent irrigation cycles where the water needs to stay in the pipe during shut-off.

- Application: pulse irrigation
- Sealing Pressure: 0.14 bar. Pipe remains filled with water at system shutdown.

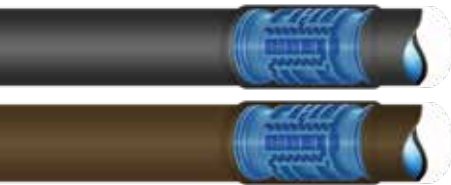


PoliDrip Driplines

PoliFlat Drip Lines are designed to deliver water directly to the roots of your plants, ensuring optimal hydration and growth. Each dripline features emitters strategically placed at intervals to match the positioning of each plant. This targeted irrigation method enables precise water delivery to the root zone, enhancing plant health and productivity.

This approach not only improves irrigation efficiency but also conserves water by minimizing discharge and reducing evaporation losses.

POLIDRIP NON-PC



Features

- Designed for orchards, vineyards, and greenhouses with consistent plant spacing and no slope
- Non-pressure compensating (Non-PC) dripline
- Made from premium polyethylene with UV-resistant additives for enhanced durability

Technical data

Size	Ø16 and Ø20 mm
Operating Pressure	1.1 - 1.5 bar
Wall thickness	Ø16: 1.0 - 1.1 mm Ø20: 1.1 - 1.2 mm
Flow rates (l/h)	2l/h and 4l/h

POLIDRIP PC



Features

- Exceptional Flow Accuracy
- Delivers even water and nutrient distribution, preventing over- and under-irrigation.
- Advanced pressure-compensating mechanism prevents variations caused by membrane aging.
- Four-outlet design eliminates concerns about orientation, allowing quick and hassle-free installation

Technical data

Size	Ø16 and Ø20 mm
Operating Pressure	0.5 - 3.5 bar
Wall thickness	Ø16: 1.0 - 1.1 mm Ø20: 1.1 - 1.2 mm
Flow rates (l/h)	1.4 l/h, 2.3l/h and 3.9l/h

POLIDRIP PCND



Features

- No-drain pressure-compensated dripline for precise and reliable irrigation
- Prevents drainage by sealing below 0.1 bar, keeping the dripline full between irrigation intervals
- Ensures immediate and uniform irrigation along the entire line
- Ideal for pulse irrigation, subsurface irrigation, greenhouses and undulating terrain

Technical data

Size	Ø16 mm
Operating Pressure	0.75 - 3.50 bar
Wall thickness	1.0 - 1.1 mm
Flow rates (l/h)	1.35l/h- 2.35l/h

Fittings and valves for driplines

- A safe and fast way to connect your drip irrigation setup
- Easy to assemble and reassemble, with no tools or additional clamps required
- Provides added protection, even on uneven ground
- Specifically designed for low-pressure connections

Quick Joints



Lock Type Fittings



Barbed Fittings



Cylinder MINI Valves



Cylinder Valves



SOON



Dripline Fittings

Designed for connecting driplines to the mainline and each other, these durable, UV-resistant fittings ensure easy installation and maintenance. Ideal for agriculture, home gardens, and greenhouses.



Specifications and Technical data

Types and Sizes	Lock Type: 16 and 20 mm Quick Joint: 16 and 20 mm Barbed: 3.5 – 63 mm
Body	Black polyacetal (POM) Black polypropylene (PP)
Operating pressure	3 – 6 bar
Standards	ISO 9261, ISO 7-1

Features

- Secure and reliable connection
- Simple, dependable, and inexpensive
- Enhances seal and grip for various tubing grades
- Pull-off resistance and blow-off resistance
- Easy installation

LOCK TYPE FITTINGS

Operating pressure:	6 bar
Nut:	Black Polypropylene (PP)
Grip ring:	Polyacetal (POM)
Body:	Black Polypropylene (PP)
Recommended pipe wall thickness:	16 mm: 0.8 – 1.5 mm (31 up to 59 mil) 20 mm: 0.9 – 1.5 mm (35 up to 59 mil)

Recommended for PE pipes, PoliDrip® and PoliDrip® Light



QUICK JOINT FITTINGS

Operating pressure:	6 bar
Nut:	Black Polypropylene (PP)
Body:	Black Polypropylene (PP)
Recommended pipe wall thickness:	16 mm: 0.8 – 1.5 mm (31 up to 59 mil) 20 mm: 0.9 – 1.5 mm (35 up to 59 mil)

Recommended for PoliDrip® and PoliFlat® driplines, Agricultural PE pipes and LDPE pipes



BARBED FITTINGS

Operating pressure:	3 bar
Body:	POM – Polyacetal Other – Black Polypropylene (PP)
Recommended pipe wall thickness:	16 mm: 0.8 – 1.2 mm (31 up to 47 mil) 20 mm: 0.9 – 1.2 mm (35 up to 47 mil)

Recommended for PoliDrip® and PoliFlat® driplines Agricultural PE pipes and LDPE pipes



Dripline Accessories

Accessories used to position driplines on wires or secure them to the ground.



Supporting Hook



Ground Hook



Support Zip-tie



Cylinder MINI valves

Our low-pressure irrigation valves, with a maximum pressure of 2 bars, offer excellent performance and value. The versatile MINI Cylinder range is suitable for both open-field and greenhouse irrigation.



Specifications and Technical data

Size	16 – 20 mm
Operating Pressure	2 bar
Body	Black Polypropylene (PP)
Nut	Black Polypropylene (PP)
Handle	Red Polypropylene (PP)
Standards	ISO 9911, ISO 7-1

Features

- A safe and fast way to connect your drip irrigation setup
- Provides additional protection, even on uneven ground
- Specifically used for low-pressure connection
- Special cap make it fit also the thin-wall pipes (35 mil), standard drip-lines and PE pipes
- Simple solution in every situation provided by wide product range



Cylinder valves **SOON**

Low-pressure valves are ideal for drip irrigation in gardens, greenhouses, and open fields, supporting drip lines with minimal pressure loss. With a maximum operating pressure of 4 bars and diameters ranging from 16 to 25 mm, they meet all irrigation needs. Their large passage hole ensures minimal load loss.



Specifications and Technical data

Size	16 – 25 mm
Operating Pressure	4 bar
Body	Black Polyacetal (POM)
Nut	Black Polypropylene (PP)
Grip ring	Polyacetal (POM)
Handle	Red Polypropylene (PP)
Standards	ISO 9911, ISO 7-1

Features

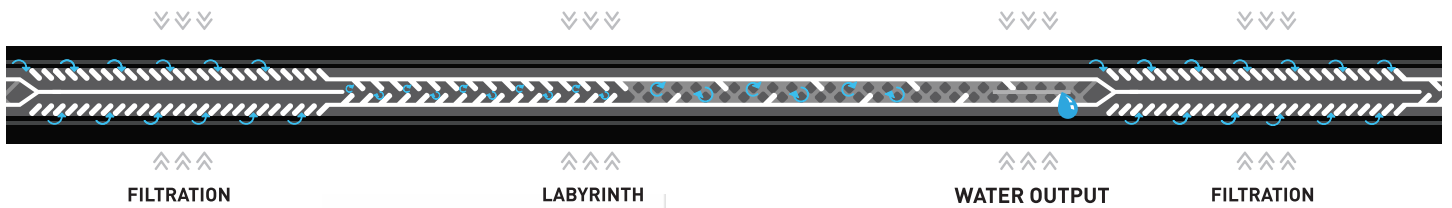
- Great hydraulic features
- Secure sealing
- Strong handle
- UV resistant
- Variety of types and sizes
- Safe and easy to install



PoliFlat and PoliTape Drip Tapes

PoliTape®

PoliTape® drip tape features a continuous labyrinth for high clogging resistance and extended system life. Its extrusion technology uses high-quality polymers, ensuring firmness and flexibility, made for industrial and agricultural use.



The continuous labyrinth design ensures superior dripper performance and uniformity. It provides high resistance to temperature blockages and extends the system's lifespan, resulting in more efficient water usage.

Features

- High resistance to clogging
- Optimal choice for seasonal use
- Double-colored strip to identify dripper side spacing
- High resistance to traction
- Dripper spacing from 10 to 30 cm
- Made from high-quality materials

Field of use

- Greenhouses
- Vegetables and short-term cultivated plantations
- Growing ornamental plants
- Ideal for situations where water quality is poor and installing a drip pipe system is not cost-effective

Specifications and Technical data

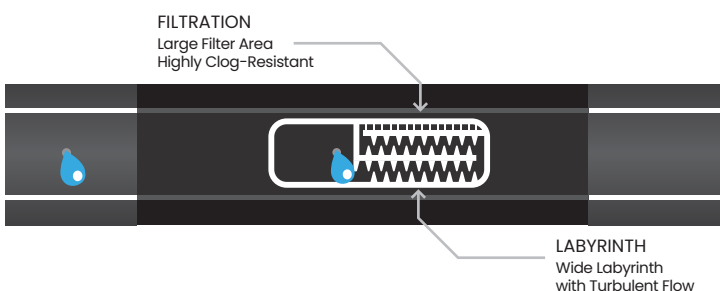
Tape material:	Polyethylene (PE)
Package:	100/500/1500/1800/2300/3000 m
Dripper flow rates:	0.6 / 1.0 / 1.5 / 1.8 l/h
Dripline diameters:	16 / 22 / 29 mm
Dripline wall thickness:	0.15 - 0.30 mm (6 - 12 mil)
Recommended filtration:	120 mesh / 130 micron
Recommended filtration, flow rate below 1.0 l/h:	150 mesh / 100 micron

PoliFlat®

Emitters positioned with double filtration providing maximum protection against clogging. A low coefficient of variation provides high uniformity in the use.



PoliFlat® drip tape features flat emitters with double filtration for superior clogging protection. Its market-leading filtration area spans the emitter length. Made with high-quality polymers for industrial and agricultural use, production adheres to EN ISO 9261 standards.



Features

- Highly cost-effective dripper
- Optimal choice for seasonal use
- Compact and efficient
- Wide labyrinth with turbulent flow (prevents particle settling)
- Large filter area in relation to dripper size
- Highly clog-resistant

Field of use

- Row crops
- Landscaping
- Greenhouses
- Vegetables
- Sugarcane
- Industrial crops
- Gravity systems
- Small household plots

Specifications and Technical data

Tape material:	Polyethylene (PE)
Package:	1500/2000/2200/3000/3300 m
Dripper flow rates:	0.65 / 1.0 / 1.6 l/h
Dripline diameters:	16 / 16 / 22 mm
Dripline wall thickness:	0.15 - 0.40 mm (6 - 16 mil)
Recommended filtration:	120 mesh / 130 micron
Recommended filtration, flow rate below 1.0 l/h:	150 mesh / 100 micron



Drip Tape Fittings & Tape Fittings with ring

Drip tape fittings are specifically used for low-pressure connection of drip tapes, with a maximum operating pressure of 3 bar. The wide product range offers a simple solution for every situation. Available in diameters of 17 mm and 22 mm.

Ideal for use in irrigation systems by both professional and hobby users.



Specifications and Technical data

Size	17 and 22 mm
Body	Black polypropylene (PP)
Nut	Red polypropylene (PP)
Ring	Polyacetal (POM)
Operating pressure	1 - 3 bar
Types	Tape fittings Tape fittings with ring Conic tape fittings
Standards	ISO 9261 ISO 7-1

Features

- Safe and fast way of connecting drip tape
- Easy handling and assembling
- Protection even on uneven ground
- Fast assembly and reassembly
- Wide product range

TAPE FITTINGS

Operating pressure:	3 bar
Nut:	Red Polypropylene (PP)
Body:	Black Polypropylene (PP)
Recommended pipe wall thickness:	17 mm: 0.15 - 0.90 mm (6 - 35 mil) 22 mm: 0.15 - 0.30 mm (6 - 12 mil)

Recommended for all types of drip tape (PoliTape® and PoliFlat®)

TAPE FITTINGS WITH RING

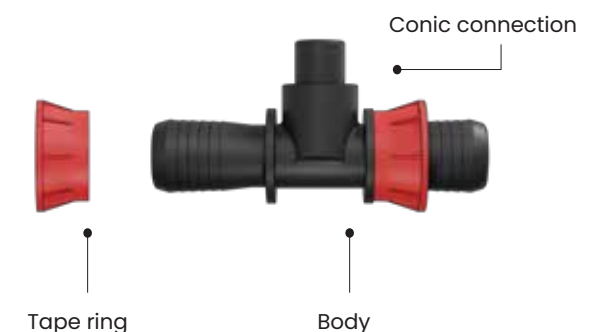
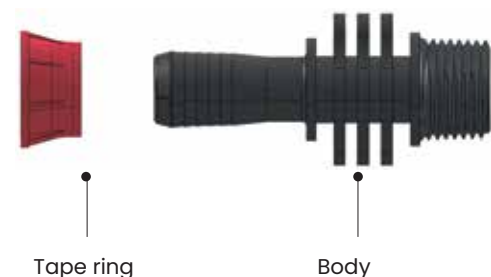
Operating pressure:	3 bar
Ring:	Polyacetal (POM)
Body:	Black Polypropylene (PP)
Recommended pipe wall thickness:	17mm: 0.15 - 0.90 mm (6 up to 35 mil) 22mm: 0.15 - 0.45 mm (6 up to 18 mil)

Recommended only for drip tape with flat emitters (PoliFlat®)

CONICAL TAPE FITTINGS

Operating pressure:	1 bar
Nut:	Red Polyacetal (POM)
Body:	Black Polypropylene (PP)
Recommended pipe wall thickness:	17 mm: 0.15 - 0.90 mm (6 - 35 mil)

Recommended for layflat hoses





Get your project a good start



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