

PATHFINDER
PRO

PATHFINDER
XPRO

NEW



Resistant

Great resistance to clogging.



Superior performance

The special design of the tape with the labyrinth continuous results in yields and superior uniformities.



Easy to Install

Its great versatility reduces time of installation.

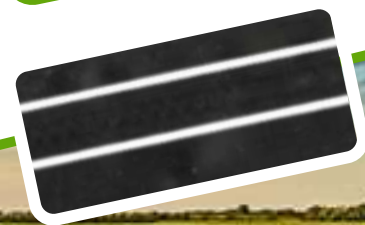


Superfiltración

The "XPro" version includes an advanced maze, designed for the toughest waters.

Pathfinder Pro

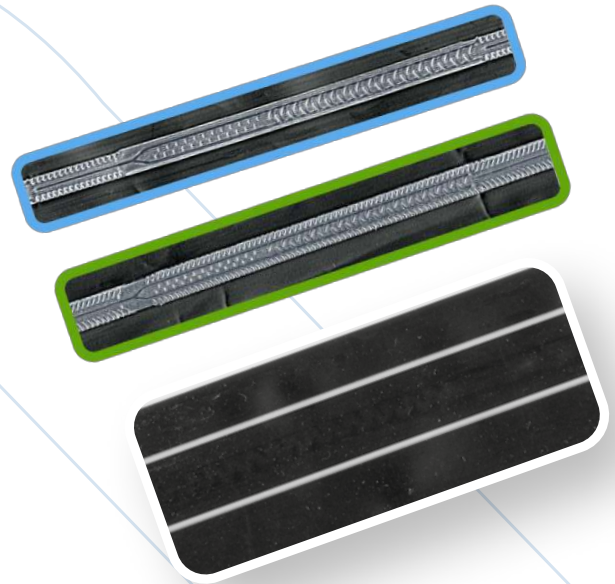
Pathfinder Xpro





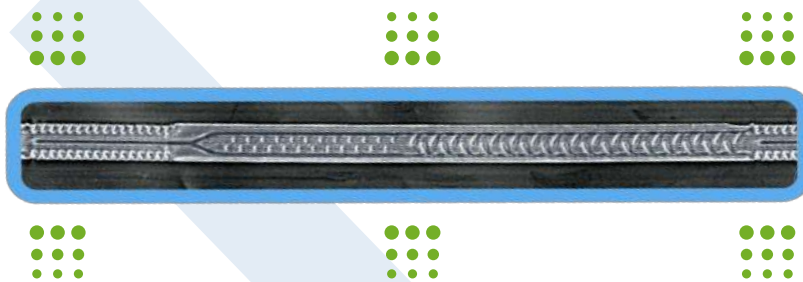
● Design of a continuous labyrinth that provides great resistance to clogging so that there is a more rational use of water. The special design of the tape with a constant labyrinth results in higher performance and uniformity of the emitters.

- Seamless construction for greater strength.
- Emitters with great flow uniformity.
- Double water filtration through its 36/160 correctly positioned points.
- Micro opening that eliminates plugging and prevents roots from entering.
- The design of the labyrinth that causes great turbulence of the latest generation.
- Available in a wide range of thicknesses, distance between emitters and flow rates.
- Double colored line for better recognition and signaling of the emitters.
- Great resistance to stress and cracking.
- Abrasion resistant material, reduces damage caused by the ground.
- Thanks to its versatility and accuracy, it is easy to install, reducing work times.
- Manufacturing and quality controls are in accordance with DIN EN ISO 9261: 2011.
- Manufactured by extrusion process providing superior resistance, making this product even more durable, being resistant to mechanical abrasion for example.



TECHNICAL DATA

Diameter (ø)	Wall thickness	Inside Diameter (ID)	External Diameter (ED)	Work Pressuere	Max Wash pressure	Minimum filtration degree
16mm	6mil (150mic)	16,1mm	16,4mm	0.7bar	0.9bar	100mic / 150 mesh
16mm	8mil (200mic)	16,1mm	16,5mm	0.7bar	1.0bar	100mic / 150 mesh
16mm	10mil (250mic)	16,1mm	16,6mm	0.7bar	1.4bar	100mic / 150 mesh
16mm	12mil (3000mic)	16,1mm	16,7mm	0.7bar	2 bar	100mic / 150 mesh



● Filtration
Double water filtration through its 36 correctly designed points.

● Labyrinth
Constant labyrinth for fluid control.

● Emitters
Precise Micro-Slot

- **Filtration**
Maximum water filtration continuously through its 160 inlet points.



- **Labyrinth**
Unlike its predecessor, it contains a much more advanced labyrinth specially designed for waters where the tapes suffer more risk of obstruction.

PATHFINDER XPRO

PATHFINDER PRO/XPRO DRIP-TAPE APPLICATION LENGTH (in meters)

- Depending on the uniformity of the terrain with a constant pressure of 0.7bar and for DN16 pipes.

Emitter flow	Uniformity	10cm	15cm	20cm	30cm	40cm
0,6 L/h	90%	119m	153m	179m	228m	272m
	85%	145m	187m	221m	285m	340m
1,0 L/h	90%	85m	107m	128m	162m	192m
	85%	106m	136m	157m	200m	238m
1,5 L/h	90%	30m	39m	43m	55m	68m
	85%	64m	81m	98m	128m	153m

● Use and selection

In these times where the conservation of water and resources are a key piece, drip irrigation has great value. Installation is cheaper than traditional systems and uses much less water.

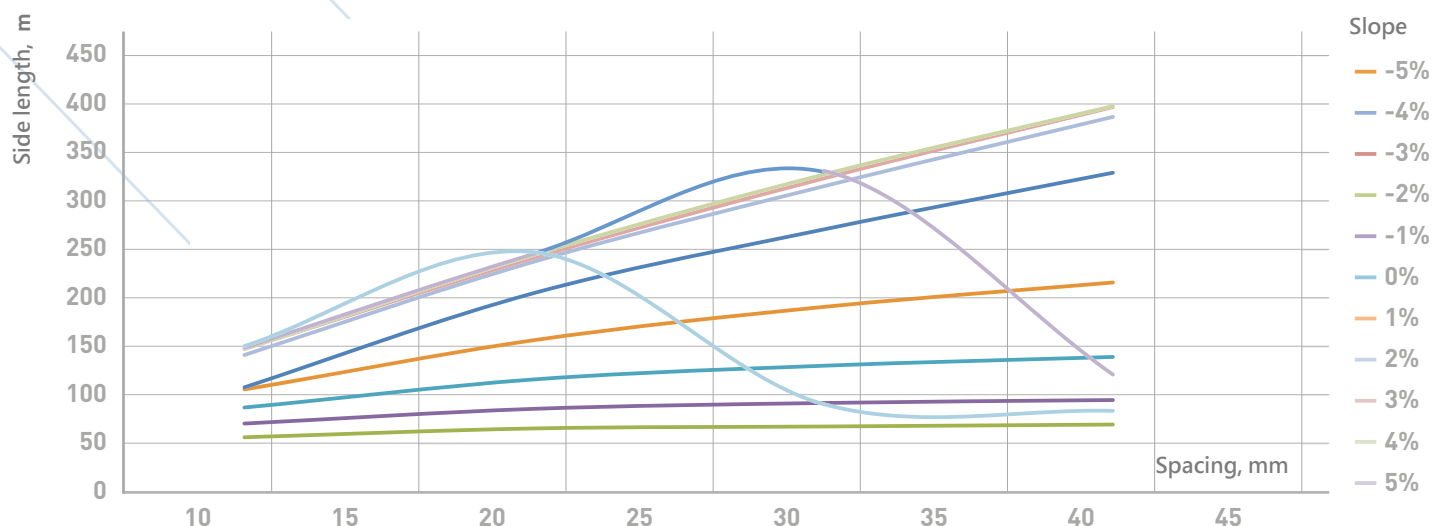
Product range:

- Light wall: Suitable for short crops and sandy soils without rocks.
- Middle wall: They are generally for medium conditions and long harvest crops.
- Thick wall: They are designed for rocky soils and where insects can damage them. They are suitable for more than one campaign.



● Length of the irrigation line according to the distance between emitters

Terrain incline +/- 5%, 85% uniformity, 0.7bar pressure, ID 16mm.



98% Uniformity guaranteed

PRODUCTION RANGE

- The table shows the different emitter thicknesses and spacing. There is the possibility of manufacturing this tape with some special requirement.

CODE	PRODUCT	Inner Diameter (ID)	Thickness (mil/mic)	Spacing (cm)	Emitter Flow Rate (l/h)	Emitter Flow Rate (l/h/m)	Roll Length
1606-0610-30	Pathfinder Pro 6	16mm	6mil [150mic]	10cm	0,6l/h	6l/h/m	3000m
1606-0615-30	Pathfinder Pro 6	16mm	6mil [150mic]	15cm	0,6l/h	4l/h/m	3000m
1606-0620-30	Pathfinder Pro 6	16mm	6mil [150mic]	20cm	0,6l/h	3l/h/m	3000m
1606-0630-30	Pathfinder Pro 6	16mm	6mil [150mic]	30cm	0,6l/h	2l/h/m	3000m
1608-1010-25	Pathfinder Pro 8	16mm	8mil [200mic]	10cm	1l/h	10l/h/m	2500m
1608-1015-25	Pathfinder Pro 8	16mm	8mil [200mic]	15cm	1l/h	6,67l/h/m	2500m
1608-1020-25	Pathfinder Pro 8	16mm	8mil [200mic]	20cm	1l/h	5l/h/m	2500m
1608-1030-25	Pathfinder Pro 8	16mm	8mil [200mic]	30cm	1l/h	3,33l/h/m	2500m
1610-1510-17	Pathfinder Pro 10	16mm	10mil [250mic]	10cm	1,5l/h	15l/h/m	1700m
1610-1515-17	Pathfinder Pro 10	16mm	10mil [250mic]	15cm	1,5l/h	10l/h/m	1700m
1610-1520-17	Pathfinder Pro 10	16mm	10mil [250mic]	20cm	1,5l/h	7,5l/h/m	1700m
1610-1530-17	Pathfinder Pro 10	16mm	10mil [250mic]	30cm	1,5l/h	5l/h/m	1700m
1612-0610-15	Pathfinder Pro 12	16mm	12mil [300mic]	10cm	0,6l/h	6l/h/m	1500m
1612-0615-15	Pathfinder Pro 12	16mm	12mil [300mic]	15cm	0,6l/h	4l/h/m	1500m
1612-0620-15	Pathfinder Pro 12	16mm	12mil [300mic]	20cm	0,6l/h	3l/h/m	1500m
1612-0630-15	Pathfinder Pro 12	16mm	12mil [300mic]	30cm	0,6l/h	2l/h/m	1500m
1615-1010-12	Pathfinder Pro 15	16mm	15mil [380mic]	10cm	1l/h	10l/h/m	1200m
1615-1015-12	Pathfinder Pro 15	16mm	15mil [380mic]	15cm	1l/h	6,67l/h/m	1200m
1615-1020-12	Pathfinder Pro 15	16mm	15mil [380mic]	20cm	1l/h	5l/h/m	1200m
1615-1030-12	Pathfinder Pro 15	16mm	15mil [380mic]	30cm	1l/h	3,33l/h/m	1200m



EXPORT OFFICE

Ruiz de Alarcón, 27 - 1º Izda
 E-28014 Madrid · Spain
 Tels. +34 91 369 07 51
 +34 91 420 28 84
 Fax. +34 91 420 04 01
export@grupochamartin.com