

Communication – June 2021

“HyperTape” : Endless Tape Labyrinth Emitter for Superior Field Performances

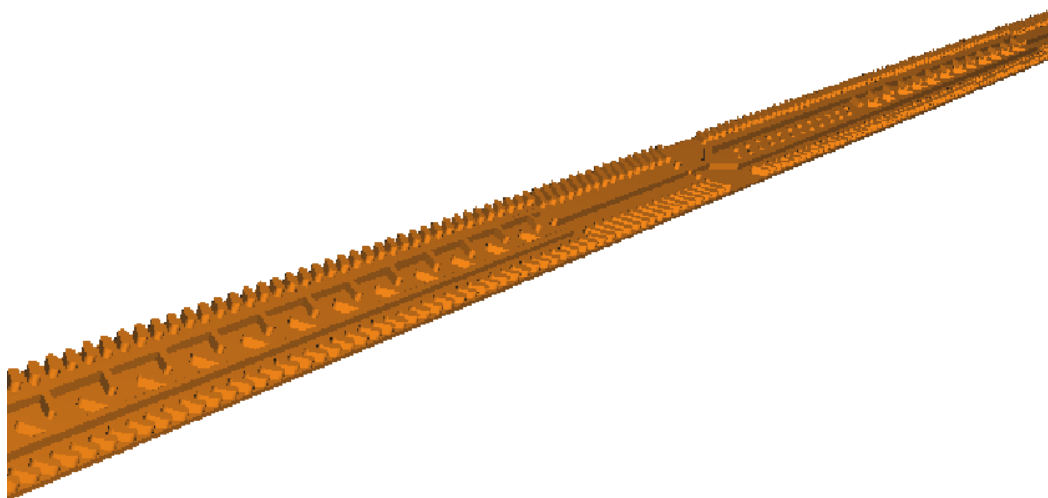
Following the evolution in the Drip Irrigation Market, and as a leading solutions provider in this field, THE Machines announces the launch of a New Product, the “HyperTape” – an Endless Tape Labyrinth Emitter adapted to be manufactured by our highly successful LIT106 Seamless Tape Labyrinth Emitter production line.

Drip Irrigation is a rapid growing field providing several benefits over traditional irrigation methods as Flood and Sprinkler. Main benefits are vast water & fertilizer savings, reduced soil run-off & energy efficiency - resulting in higher crop yields and profitability for the Farmers.

Main challenge facing the Drip Irrigation Products during the irrigation seasons is the aspect of clog-resistance. This primarily occurs due to water quality supplied to the system, along with tight water passages found in any drip emitter. Such combination can trigger discharge malfunctions, like water flow reduction or even the complete plugging.

To tackle this challenge, an increase in the emitter’s filtration area reduces the risk of clogging, thereby sustaining the performance of the product during the season.

The “HyperTape” Endless Labyrinth Emitter has a vast coverage filtration area, along with efficient and precision shaped labyrinth, resulting in superior field performances.





Features and benefits

- High Filtration Area – for max clog resistance
- Wide Flow rate range – also up (on demand)
- High Flow uniformity

Applications

- Surface Irrigation
- SDI – Subsurface Drip Irrigation
- Green Houses

Technical data

Tube Diameter	Ø16 - 36	mm
Tube Wall Thickness	5 – 15	mil
Flow Rate	0.6-2.0	L/h
Cv	<3%	
Spacings	10-40	cm

For further more detailed information, please don't hesitate to contact us.