

Rivulis to launch novel T-Tape to enhance drip irrigation delivering water and plant nutrition

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As part of Rivulis' initiative, farmers and agri-businesses around the world can access the most comprehensive collection of drip irrigation information in one place, available for free. In order to maximize quality and yield, anyone involved in drip irrigation can upskill themselves and ensure that their irrigation operation is world-class by participating in this market-leading initiative.

The novel drip irrigation solutions deliver water and plant nutrition directly to the plant root, using less water and nutrients. Companies like Plastro, T-Systems, Roberts, Eurodrip, and NaanDanJain have partnered with Rivulis in order to optimize drip irrigation performance.

Rivulis has developed the new White T-Tape, which is made from at least 50% recycled material, that incorporates the highest quality and top performance as Rivulis T-Tape will soon be launched. The new T-Tape White, made from at least 50% recycled materials as part of sustainable farming without compromising performance. With a new pioneering manufacturing technology, the T-Tape design is now available in a version that is made from at least 50% recycled material without compromising performance, demonstrating its reliability in water applications, clogging resistance, strength, and customization.

By investing in recycling technology, Rivulis' T-Tape White is manufactured with a multi-layer blown film resin construction, enabling the drip tape to be manufactured with composite layers that optimize product performance while using recycled

material between the inner and outer layers. In February 2024, T-Tape White will be launched in Spain at the FIMA event, followed by other countries.

T-Tape White has three layers of optimized product performance, a premium virgin white exterior which provides initial temperature reduction of the water when in direct sunlight, a middle layer utilizing recycled material for sustainability, and a black interior layer for protection against algae growth inside the tube.

The white outer layer reduces the initial water temperature, which during in-field tests, resulted in a temperature reduction for the first 10 minutes of operation when in direct sunlight. This is relevant for young seedlings transplanted from a stable to a harsher environment when the feeder roots are more sensitive to water temperature. Other benefits include reduced calcium carbonate build-up, meaning less scale build-up in the drip itself, higher visibility in the field, and less elongation during the season.