

MICRO TUBE

orchards, greenhouses, and nurseries

perform under tough environmental conditions

Micro Tubes play a critical role in micro irrigation systems, especially in orchards, greenhouses, and nurseries. They are widely used with micro sprinklers, drippers, and automation systems to provide precise irrigation solutions. Manufactured using PVC or Low or Medium density polyethylene, their durability and ability to operate under various climatic conditions and water pressure up to 6 bar make them suitable for various agricultural needs.

HIGHLIGHTS

- **Three product families:** Micro Tube 3x5 Soft PE , Micro Tube 3x5 PVC, Micro Tube 4x7 PVC.
- **High Durability:** The Micro Tubes are designed to perform under tough environmental conditions, including extreme climates, thanks to UV stabilised and Oxidation resistant properties.
- **Chemical Resistance:** Resistant to acids, saline water, and fertilizers, making them ideal for agriculture.
- **Multiple Length Options:** Available in rolls 100m-500m ,or in pre-cut lengths for easy installation.
- **Pressure Rating:** Capable of handling up to 6 bar pressure, ensuring consistent water distribution even in larger systems.

TECHNICAL DATA

	Micro Tube 3x5 Soft PE	Micro Tube 3x5 PVC	Micro Tube 4x7 PVC
Raw Material	Soft polyethylene blend	IR83 plasticized PVC	PVC Compound IR83BK
Color	- Black - White/Black (dual-layer, black inner layer)	- Black - White/Black (dual-layer, black inner layer)	Black
Applications	Dripper extension tube	Irrigation	Irrigation, micro sprinklers, foggers feeder tube
Features	- UV stabilized - Excellent ESCR performance - Good flexibility	—	- UV stabilized - Excellent ESCR performance - Excellent flexibility - Minimal bend radius (anti-kink)
Outer Diameter	5.0 ± 0.07 mm	5.0 ± 0.1 mm	7.0 ± 0.1 mm
Inner Diameter	3.3 ± 0.05 mm	3.0 ± 0.1 mm	4.0 ± 0.1 mm
Length	- Reels: 100m, 200m, 500m - Cut to length: 40, 50, 60, 70, 80, 90 cm	Reel or cut-to-length	Reel: 300 ± 15 m
Specific Gravity	0.92 g/cm³	1.31 g/cm³	1.32 g/cm³
Max. Working Pressure (23°C)	6 BAR	—	4 BAR
Max. Working Pressure (60°C)	3.5 BAR	—	—

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