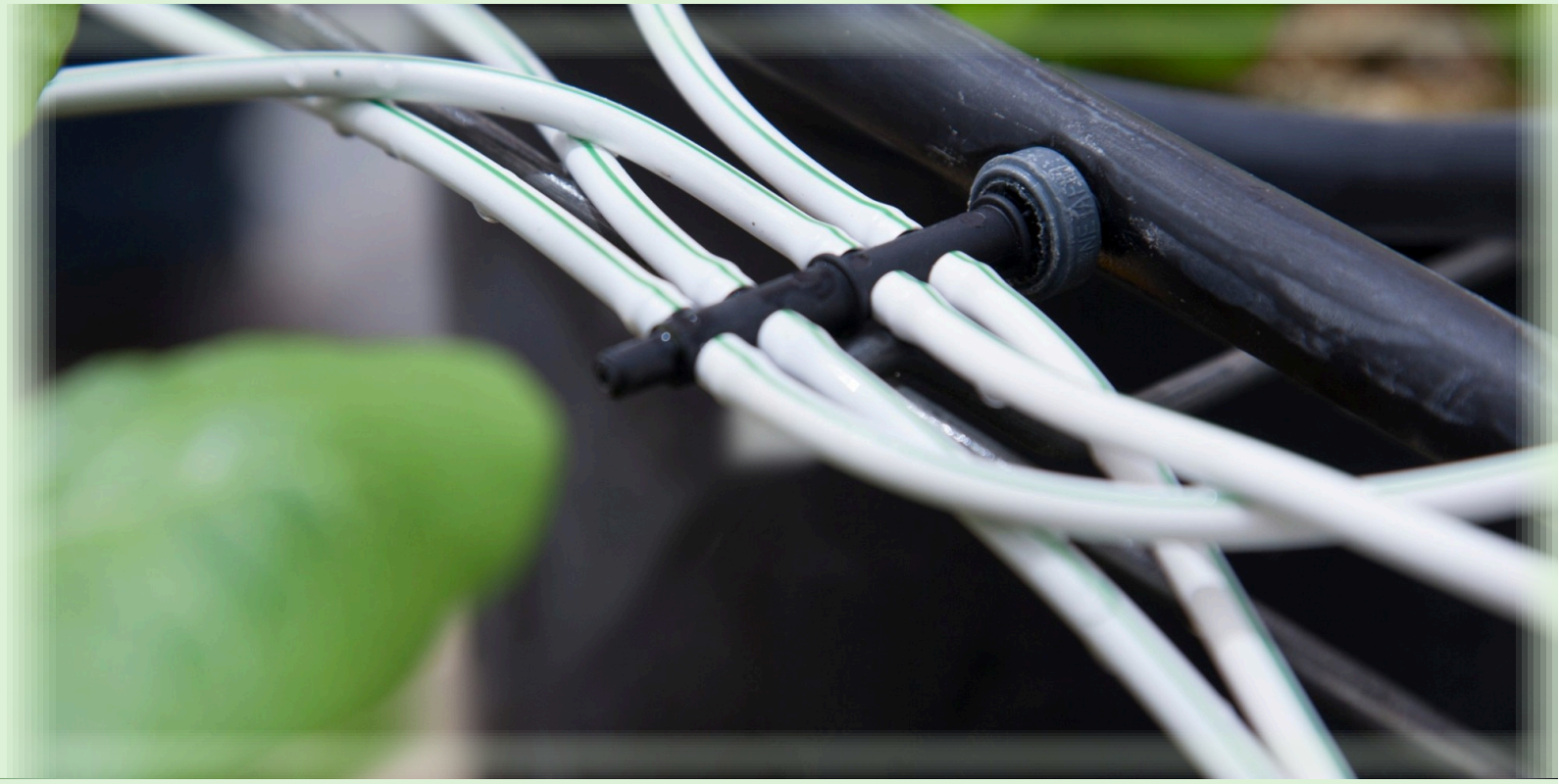
mdc
COMPOUNDS & TUBING



WE COMPOUND
WE EXTRUDE
YOU GROW

High-quality PE, soft PE (PES), PVC and EVA micro-tubes for drip and micro-irrigation systems worldwide.

Since 1987, the trusted OEM partner of global drip-irrigation leaders, manufacturing tailor-made, high-precision micro-tubing built around each customer's needs.

1987
Trusted OEM partner since

±1%
Tolerance in ID & OD

ISO
9001:2015 certified

4
Materials: PE · PES · PVC · EVA

OUR PRODUCTS & SERVICES

MDC leverages its medical-tubing experience and expertise to produce micro-tubes for agriculture: greenhouses, open fields, gardening and landscape irrigation.

Advanced manufacturing technology, strict working procedures and on-line control systems deliver unparalleled precision and top-quality products that meet international standards.

OUR PARTNERS

MDC runs its own extensive product and material development, working with customers to create innovative products tailored to their global needs and unique specifications. MDC is a trusted OEM supplier to leading international irrigation companies.

Best-in-class customer service, reliable delivery and product quality give our customers an efficient, trusted supply chain.

OUR COMMITMENT TO QUALITY

MDC stands behind every millimeter of micro-tubing it produces.

ISO 9001:2015
Certified quality management

Precision Dimensions
±1% tolerance in ID and OD

Fully Traceable
End-to-end traceability system

Virgin Raw Materials
Only virgin, premium-grade raw materials

HIGH-QUALITY MATERIALS



PVC — IN-HOUSE

- Proprietary tailor-made in-house compounds
- Premium-grade raw materials
- Full flexibility – no kinking
- Durable in a wide range of climates
- UV stabilized



EVA — FLEXIBLE

- Premium-grade raw materials
- Full flexibility – no kinking
- Durable in a wide range of climates
- UV stabilized



Soft PE (PES) — INERT

- Inert – does not interact with irrigation water
- Resists cracking (good ESCR)
- Proprietary PE blends designed for micro-tubes
- Premium-grade raw materials
- UV stabilized

PRODUCT GROUPS

ID × OD [mm]	Colors	Material	Max. operating pressure [bar]	Applicable systems
1 × 3.2	Black	PES	4	Capillary emitter tube
3 × 5	Dual layer white/black Black, brown	PVC, PES, EVA	4	Dripper extension, micro & mini sprayer, button dripper
4 × 7	Dual layer white/black Black, brown	PVC, PES, EVA	4	Foggers, micro sprinklers
6 × 8	Black with color stripes	PE	8	Command tube
9 × 12	Black	PES, PVC	4	Sprinklers

ID & OD dimensions are typical and for indication only; exact dimensions are tailored to match dripper barbs and connectors.

CUSTOMIZED SPECIFICATIONS

- **Cut to length (box)** – 30 cm up to 120 cm
- **Reel length** – 100 m, 200 m, 500 m
- **Coil length** – 10 m, 15 m, 30 m, 50 m
- **Customized perforated cut rolls**
- **Customized branding**, private labeling & packaging

OUR VALUE

Partners, not just suppliers.

We view every customer as a true partner. We build lasting trust through transparent communication and reliable, client-oriented service. We manufacture with uncompromising consistency and top-tier quality. Driven by a relentless pursuit of excellence, we deliver custom solutions you can always rely on.

PRODUCT GUIDE

Specifications & applications



SPRINKLER TUBES

Feeder tubes for sprinklers

TYPICAL DIMENSIONS
9×12 mm PES based
9×13 mm PVC based

TYPICAL APPLICATION
Open-field irrigation



CAPILLARY MICRO TUBES

Distribution and emission capillary tubes

TYPICAL DIMENSIONS
1×3.2 mm PES based

TYPICAL APPLICATION
Nurseries, greenhouses



MICRO & MINI SPRINKLERS

Feeder micro-tubes for micro and mini sprinklers

TYPICAL DIMENSIONS
4×7 mm PES based
4×7 mm PVC based

TYPICAL APPLICATION
Orchards, nurseries, greenhouses



DRIPPER EXTENSION

Extension micro-tubes for drippers, stakes and emitters

TYPICAL DIMENSIONS
3×5 mm PES based
3×5 mm PVC based

TYPICAL APPLICATION
Nurseries, orchards, greenhouses – pot & hydroponic irrigation



FOGGERS

Drop-down micro-tubes for misters, foggers and inverted sprinklers

TYPICAL DIMENSIONS
4×7 mm PES based
4×7 mm PVC based

TYPICAL APPLICATION
Greenhouses and nurseries

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