



Delivering Life Through Innovation

MDC Industries specializes in the development, production and distribution of next generation, high quality, soft PE (PES) and Vinyl micro-tubes for various irrigation systems.

MDC has established itself as a leading OEM, offering a diverse group of international customers tailor-made solutions based on expertise and innovative thinking honed over its 25 years of excellence.

To reach and maintain the highest standards, MDC uses advanced equipment and methods, and has established an innovations laboratory to conduct extensive product development based on unique blends that meet its customers' specific requirements and needs.

OUR PRODUCTS AND SERVICES

During its 25 years of excellence, MDC has leveraged its medical tubes experience and expertise in the production of micro-tubes for the benefit of agricultural uses such as greenhouses, open fields, gardening and landscape irrigation. By utilizing advanced manufacturing technology, working procedures, and strict on-line control systems, MDC is able to provide unparalleled precision and top quality products that adhere to international standards.

OUR PARTNERS

MDC conducts its own extensive product and material

development, striving to develop, with its customers, innovative products tailored to their global needs and unique specifications. MDC has been an OEM supplier for leading international companies such as Netafim, John Deere Water, Naan-Dan Jain since 1994.

MDC's best in class customer service, reliable delivery, and product quality enables its customers to enjoy an efficient and trusted supply chain.

OUR COMMITMENT TO QUALITY

MDC stands behind every millimeter of micro tubing it produces. Our quality control includes:

- ISO 9001:2008 certified
- US FDA GMP (Good Manufacturing Processes) practice
- Precision Dimensions – 0.02 mm ID/OD tolerance
- Zero Defect Policy
- Fully traceable system



MDC MICRO TUBES HIGH QUALITY MATERIALS

Vinyl	PE Soft (PES)	GreenTube™
<ul style="list-style-type: none"> Proprietary tailor made in-house compounds Premium grade raw materials Full flexibility - no kinking Durable in wide range of climates UV Stabilized 	<ul style="list-style-type: none"> Inert material that does not interact with irrigation water Resists cracking (Good ESCR Environmental Stress Cracking) Proprietary polyethylene blends specially designed for micro tubes Premium grade raw materials Minimum 2% carbon black for UV protection 	<ul style="list-style-type: none"> Food grade vinyl - eco-friendly compound Adheres to Commission Regulation (EU) No. 10/2011 Enhanced flexibility and durability in extreme temperatures Multi-layered - enhanced growth Healthier crops and increased yield



PRODUCT TABLE:

ID* [mm.]	OD* [mm.]	Colors	Material	Maximum Operation Pressure [bar]	Applicable Systems	
0.6	3.2	Black	PES	4	Capillary Emitter Tube	
0.8	3.2	Black	PES	4	Capillary Emitter Tube	
1	3.2	Black	PES	4	Capillary Emitter Tube	
3	5	Dual Layer White/Black	Black, Brown	Vinyl	4	Dripper Extension, Micro and Mini Sprayer, Button Dripper
3	5	Dual Layer White/Black	Black, Gray	PES	4	Dripper Extension, Micro and Mini Sprayer, Button Dripper
3	5	Dual Layer White/Black		GreenTube	4	Dripper Extension, Micro and Mini Sprayer, Button Dripper
4	7	Dual Layer White/Black	Black, Brown	Vinyl	4	Foggers, Micro Sprinklers
4	7	Dual Layer White/Black		GreenTube	4	Foggers, Micro Sprinklers
5.5	8	Black with marking stripes		PE	8	Command Tube
9	12	Black		PES	4	Sprinklers
9	13	Black		Vinyl	4	Sprinklers

*ID y OD dimensions are typical dimensions for indication only.

Customized Specifications:

- o Cut to length - 30cm, 50cm, 60cm, 80cm, 100cm, 120cm.
- o Roll length - 100m, 200m, 500m.
- o Coils length – 10m, 15m, 30m, 50m.
- o Customized perforated cut rolls.
- o All ID & OD and length dimensions are also tailored according to customer specific needs.



PRODUCT GUIDE – SPECIFICATIONS AND APPLICATIONS:



FEEDER TUBES FOR SPRINKLERS

Typical dimensions:

9x12mm. in PES

9x13mm. in Vinyl

Typical application:

Open-field irrigation



CAPILLARY MICRO TUBES

Distribution and emission capillary tubes

Typical dimensions:

0.6x3.2, 0.8x3.2, 1x3.2mm.

in PES

Typical application:

greenhouses and open fields

in PES

Water flow determined by tube dimensions and flow



MICRO AND MINI SPRINKLERS

Feeder micro tubes for micro and mini sprinklers

Typical dimensions:

4x7mm. in PES

4x7mm. in Vinyl

Typical application:

Orchards, nurseries and

greenhouses



DRIPPER EXTENSION

Extension micro tubes for arrow or stake drippers, emitters and sprayers

Typical dimensions:

3x5mm. in PES

3x5mm. in Vinyl

Typical application:

Nurseries, orchards,

greenhouses - pot irrigation

and hydroponics irrigation



FOGGERS

Drop down micro tubes for misters, foggers and sprinklers in inverted drippers

Typical dimensions:

4x7mm. in PES

4x7mm. in Vinyl

Typical application:

Greenhouses and nurseries

THE MDC MISSION

MDC is committed to lead the development of next generation micro-tube solutions for the medical and agro industries, in order to create a healthier and more sustainable world. By using advanced technology, utilizing our expertise and continuously striving for the highest quality, we help our customers to achieve even greater success, by providing them with innovative cost-efficient products and services tailored to their global needs.

OUR VALUES

Leading Innovation: At MDC we pursue technical leadership for the purpose of creating value for our customers.

Partnership: Our expertise and innovative capabilities make us a valuable long term partner to our chosen customers based on integrity and honesty.

Service: We pride ourselves on providing best in class customer service catered to our clients' needs

Quality: We are committed to delivering the highest quality products, by using reliable, consistent, and uncompromising quality control systems.

Sustainability: By utilizing our technological know-how and expertise we constantly search for better and healthier micro-tube solutions tecnología.

ENSURING SUSTAINABLE WORLD

We believe that the plumpest tomatoes, the juiciest watermelons and the most vibrant flowers primarily begin with delivering the purest possible water.

The ongoing trend towards healthier food and the need to increase yields out of every acre pushes us to meet the challenges of the modern sustainable world we live in; delivering innovative, safe and eco-friendly materials and products.



Introducing the **GreenTube™** by MDC

The newest innovation from MDC - the Green-Tube™ is the new generation, eco-friendly vinyl micro-tube made only with a Food-Grade compound. The Green-Tube™ is safer to humans, better for the environment, and delivers healthier crops and increased yields.

MDC. 20 years of supplying:

