



PLASTIC-PUGLIA
Irrigation Systems since 1967 

value for
water



Aquadrop® MICRO

DRIP TAPE WITH SHORT FLAT DRIPPER

■ APPLICATIONS

• Field crops • Greenhouse crops • Horticulture • Floriculture

■ ADVANTAGES

Tape made from black polyethylene with a blue stripe to indicate the correct upward placement on the soil

Outlet hole made with precision laser technology

Surface or slightly buried installation

Reduced pressure losses
and uniform delivery over long distances

High resistance to clogging, UV rays, fertilizers
and chemicals used in agriculture

Product certified by IIP according to **UNI EN ISO 9261:2010** standard

■ TECHNICAL CHARACTERISTICS

Nominal diameter: 16/22 mm (ø 25 mm upon request)

Wall Thickness: 6/7/8/10 mil (0,15/0,18/0,20/0,25 mm)

Available Nominal Flow Rates (1,0 bar): 1,30/1,60/2,10/4,50 l/h

Spacing: 15÷100 cm

Inlet filters protect
against clogging



Wide labyrinth with self-cleaning turbulent
flow resistant to clogging



BLUE STRIPE REGISTERED TRADEMARK

CERTIFIED PRODUCT
 
UNI EN ISO 9261:2010

*for a duration of about half an hour with open ends

° Spacing 15 cm: 6 mil=2800 m / 8 mil=2200 m / 10 mil=2000 m

*for a duration of about half an hour with open ends

° Spacing 15 cm: 7 mil=1800 m / 8 mil=1500 m / 10 mil=1300 m

DRIPPER FEATURES

PACKAGING PALLET HEIGHT: 13 cm

Diameter	Thickness	Reel size	Pallet size	Reels per pallet	Reels per container			
mm	mil	cm	cm	pz.	20 ft	40 ft	40 ft HC	Truck
16	6	ø 57,5 h 22,5	115 x 115 x 126 115 x 115 x 216 115 x 115 x 251	20 32+4 20+20	360 (32+4)	720 (32+4)	800 (20+20)	880 (20+20)
	8							
	10							
22	7	ø 57,5 h 22,5	115 x 115 x 126 115 x 115 x 216 115 x 115 x 251	20 32+4 20+20	360 (32+4)	720 (32+4)	800 (20+20)	880 (20+20)
	8							
	10							

Aquadrop[®]
MICRO

Thickness
0,15 mm
6 mil

Diameter
16 mm

The best choice for single-season crops on light soils or in greenhouses

Aquadrop[®]
MICRO

Thickness
0,20 mm
8 mil

Diameter
16/22 mm

Reinforced single-season version for mechanized installation

Aquadrop[®]
MICRO

Thickness
0,25 mm
10 mil

Diameter
16/22 mm

The ideal solution for rocky soils or uneven terrain. Highly resistant to tensile stress

FITTINGS FOR DRIP TAPE WITH RING NUT 16 and 22 mm



COUPLING



TEES



OFFTAKE
WITH RUBBER



MALE THREADED
ADAPTOR



90° ELBOW

FITTINGS FOR DRIP TAPE WITH FAST RING 16 and 22 mm



COUPLING



90° ELBOW



OFFTAKE
WITH RUBBER



MALE THREADED
ADAPTOR



END CAP

■ **16 mm** RECOMMENDED LATERAL LENGTH (m) RELATED TO EMISSION UNIFORMITY (EU%) ON FLAT GROUND Working pressure 1,0 Bar

Nominal Flow Rate l/h	Emission Uniformity %	Spacing cm				
		20	30	40	50	60
1,30	85	142	187	228	263	298
	90	113	149	182	211	237
1,60	85	133	174	209	241	267
	90	88	118	142	175	197

Nominal Flow Rate l/h	Emission Uniformity %	Spacing cm				
		20	30	40	50	60
2,10	85	106	136	162	185	210
	90	73	100	126	145	165
4,50	85	51	73	90	104	118
	90	38	52	65	77	87

■ **22 mm** RECOMMENDED LATERAL LENGTH (m) RELATED TO EMISSION UNIFORMITY (EU%) ON FLAT GROUND Working pressure 1,0 Bar

Nominal Flow Rate l/h	Emission Uniformity %	Spacing cm				
		20	30	40	50	60
1,30	85	247	328	397	461	510
	90	198	260	316	371	417
1,60	85	206	270	327	380	422
	90	160	204	242	278	309

Nominal Flow Rate l/h	Emission Uniformity %	Spacing cm				
		20	30	40	50	60
2,10	85	177	235	284	328	369
	90	132	175	214	249	283
4,50	85	80	111	139	163	185
	90	75	100	119	140	155

