



FEATURES AND BENEFITS

- **Pressure compensating system (PC)** ensuring uniform flow rate at wide range of working pressure (0,50 ÷ 3,50 bar)
- **Anti-siphon system (AS)** in sub-irrigation systems, prevents the suction of soil particles in the dripper when the system is turned off
- **No-drain system (ND)** prevents the dripline from emptying by closing the dripper below 0,25 bar. It allows impulse irrigation thanks to the simultaneous opening of all the drippers at a pressure of 0,35 bar
- Excellent Coefficient of Variation (CV)
- Wide range of thicknesses, flow rates, diameters and spacings for every drip irrigation needs
- Blue stripe to indicate the right laying upwards on the field
- High resistance to UV rays, chemicals and acids used in agriculture
- Warranty:
3 years - manufacturing / material defects
5 years - environmental stress cracking



FLOW RATE-PRESSURE RELATION

Pressure bar	Nominal flow rate l/h			
	1,00	1,60	2,20	3,80
0,50	0,94	1,62	2,20	3,20
1,00	1,05	1,59	2,10	3,67
2,00	1,11	1,61	2,10	3,74
3,00	1,14	1,60	2,00	3,90
4,00	1,09	1,58	1,90	3,90

**Ideal for vineyards, olive groves, tree crops and orchards.
 Excellent for sub-irrigation and impulse irrigation,
 in greenhouses and open fields. Also suitable for hedges,
 flower beds and ornamental gardens**

EMITTER FEATURES

Nominal flow rate l/h	Labyrinth size		Inlet filter area		Filtration mesh	Flow equation		CV %	Colour
	depth mm	width mm	number of holes	AREA mm ²		k	x		
1,00	0,76	0,82	7	37,37	150	1,00	0,00	<3,9	Black
1,60	0,85	1,06	7	37,37	150	1,60	0,00	<3,6	Black
2,20	0,90	1,19	7	37,37	120	2,30	0,00	<3,8	Black
3,80	0,90	1,30	7	37,37	120	3,60	0,00	<3,9	Black

AQUAPRESS THINWALL PACKAGING

Thickness mil	Reel size cm	Pallet size cm	Reel per pallet pz	Reel per container			
				20 ft	40 ft	40 ft HC	Truck
15	Ø 57,5 h 27,0	116 x 116 x 149	20	320	640	720	792
18		116 x 116 x 230	32				
24		116 x 116 x 257	36				

AQUAPRESS HEAVYWALL PACKAGING

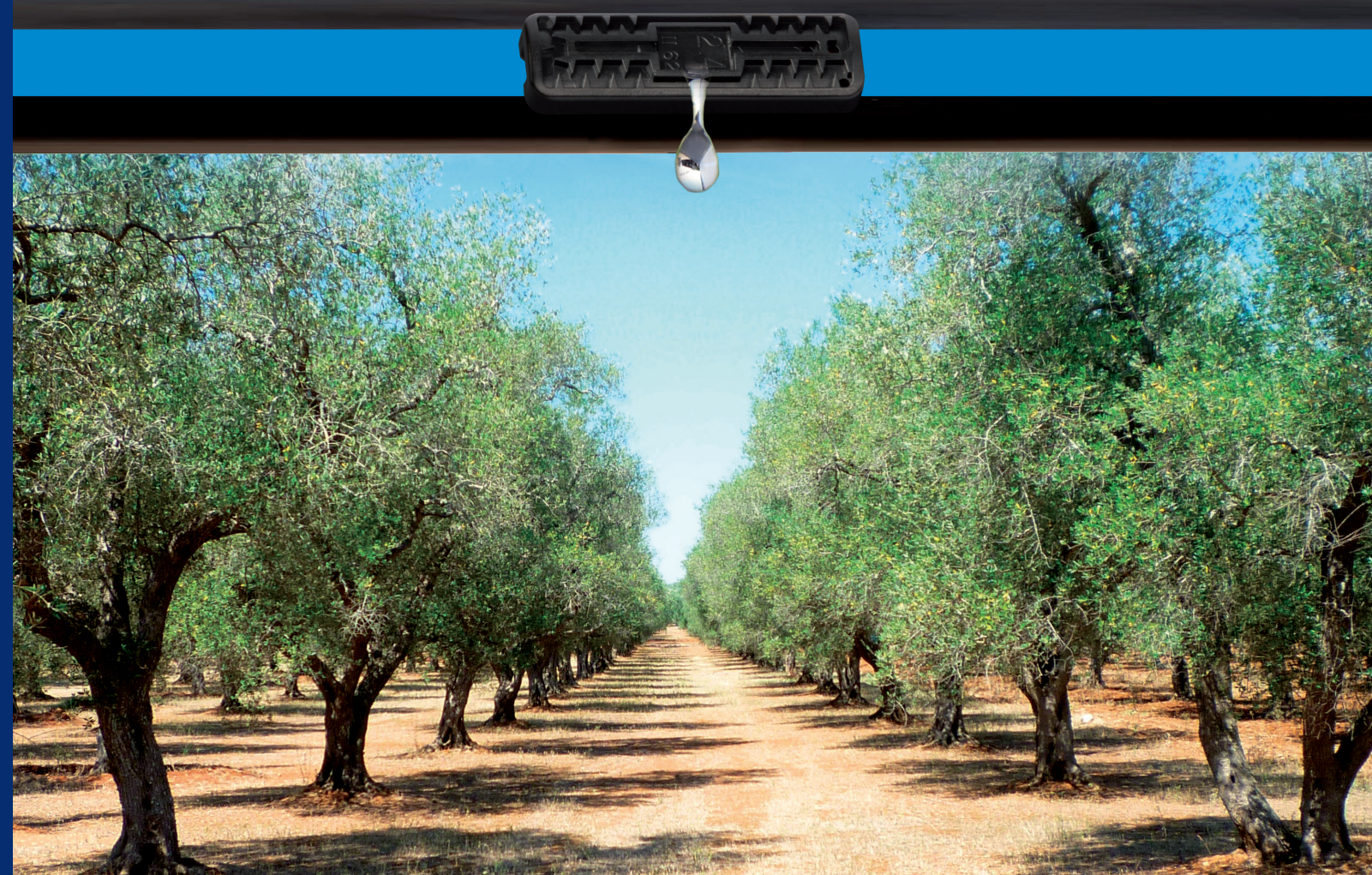
Reel size cm	Reel per pallet pc	Reel per container			
		20 ft	40 ft	40 ft HC	Truck
Ø 80,0 h 31,0	BULK	155	315	360	408

HEAVYWALL
AquaPress

AquaPress

PRESSURE COMPENSATING DRIPLINE

WITH PC AS-ND FLAT DRIPPER



PLASTIC-PUGLIA



PLASTIC-PUGLIA

Irrigation Systems since 1967





AQUAPRESS HEAVYWALL is the latest generation dripline with pressure compensating flat dripper, equipped with three systems that guarantee functionality and reliability suitable for long-lasting installations, on undulating fields and surface or sub-surface irrigation systems (SDI).

TECHNICAL FEATURES	Diameter 16 mm		Diameter 20 mm		Diameter 25 mm
Internal diameter	14,20 mm	13,80 mm	18,20 mm	17,80 mm	22,80 mm
Thickness	36 mil 0,90 mm	45 mil 1,10 mm	36 mil 0,90 mm	45 mil 1,10 mm	45 mil 1,10 mm
Min working pressure	0,50 bar		0,50 bar		0,50 bar
Max working pressure	3,00 bar	3,50 bar	3,00 bar	3,50 bar	3,00 bar
Max washing pressure*	3,50 bar	4,00 bar	3,50 bar	4,00 bar	3,00 bar
Nominal flow rate (1,0 bar)	1,00 - 1,60 - 2,20 - 3,80 l/h		1,00 - 1,60 - 2,20 - 3,80 l/h		1,00 - 1,60 2,20 - 3,80 l/h
Dripper spacing	20 ÷ 150 cm		20 ÷ 150 cm		20 ÷ 150 cm
Reel length	400 m		300 m		200 m

ND VERSION: Closing pressure: 0,50 bar / Opening pressure: 0,20 bar

* For about half an hour with the terminals open

AQUAPRESS THINWALL is the latest generation dripline with pressure compensating flat dripper, equipped with three systems that guarantee functionality and reliability suitable for long-lasting installations, on undulating fields and surface or sub-surface irrigation systems (SDI).

TECHNICAL FEATURES	Diameter 16 mm			Diameter 22 mm		
Internal diameter	16,10 mm			22,00 mm		
Thickness	15 mil 0,38 mm	18 mil 0,45 mm	24 mil 0,60 mm	15 mil 0,38 mm	18 mil 0,45 mm	24 mil 0,60 mm
Min working pressure	0,50 bar			0,50 bar		
Max working pressure	1,80 bar	2,00 bar	2,50 bar	1,50 bar	1,80 bar	2,20 bar
Max washing pressure*	2,00 bar	2,20 bar	2,70 bar	1,70 bar	2,00 bar	2,40 bar
Closing pressure	0,25 bar			0,25 bar		
Nominal flow rate (1,0 bar)	1,00 - 1,60 - 2,40 - 3,80 l/h			1,00 - 1,60 - 2,40 - 3,80 l/h		
Dripper spacing	20 ÷ 150 cm			20 ÷ 150 cm		
Reel length	1200 m	800 m	600 m	800 m	700 m	500 m

* For about half an hour with the terminals open

THINWALL

The most economical solution for irrigation on sloping grounds, on open fields and greenhouses

Thickness
0,38 mm
15 mil
Ø 16/22 mm

THINWALL

The right product for surface or sub-surface irrigation on a wide range of agricultural crops

Thickness
0,60 mm
24 mil
Ø 16/22 mm

HEAVYWALL

Suitable for surface and sub-irrigation long-term crops

Thickness
0,90 mm
36 mil
Ø 16/20 mm

HEAVYWALL

Suitable for sub-irrigation long-term crops

Thickness
1,10 mm
45 mil
Ø 16/20/25 mm

