



Multibar™ F

Classic dripline with flat pressure compensating dripper

The classic dripline with flat, pressure compensating dripper, thanks to the design of the dripper, guarantees constant performance even as thermal conditions change during use in the field. The particular positioning of the filter turned to the centre of the tube allows water into the labyrinth far from stagnation areas.

Characteristics and advantages:

- The particular design of the dripper guarantees constant performance also in extreme temperature conditions (as the thermal conditions vary during use in the field)
- The particular positioning of the filter turned to the centre of the tube allows water into the labyrinth far from stagnation areas
- The Drop Stop version is distinguished by the particular design of the dripper which interrupts the flow at the end of the irrigation cycle, making it particularly suitable for crops requiring short irrigation cycles
- The version with Anti-Siphon System avoids intake of impurities
- The vast opening and closure range further powers the drop stop effect, thereby increasing the possibility of applications also with bigger slopes
- Maximum distribution precision of the water in any topographic situation
- Compliant with ISO 9261
- UV resistant and resistant to common fertilizers

Multibar™ F

Multibar™ F is the classic dripline with pressure compensating flat dripper which guarantees high emission uniformity of water and nutrients even when pressure changes. The maximum precision of distribution in any topographical situation is generated by the regulation of the flow guaranteed by the silicon membrane inside the dripper.

Field of application



Dripper characteristics

Nominal flow rate lph a 2,0 bar	Recommended filtration	Color	Pressure (bar) /flow-rate (lph)						
			0,5	1,0	1,5	2,0	2,5	3,0	3,5
1,10	155 mesh	Red	1,0	1,1	1,1	1,1	1,1	1,0	1,0
1,60	155 mesh	Blue	1,4	1,6	1,6	1,6	1,5	1,5	1,6
2,10	155 mesh	Black	1,9	2,1	2,2	2,2	2,1	2,1	2,1
3,80	155 mesh	Green	3,5	3,8	3,9	3,9	3,9	3,8	3,8



PE pipe characteristics

Nominal Ø	Inside Ø	Outside Ø	Wall thickness	Working pressure					
				min		max			
mm	inch	mm	mm	mil	mm	bar	psi	bar	psi
16	5/8	14,0	15,2	24	0,6	0,5	7,3	2,0	29
16	5/8	14,0*	15,8	35	0,9	0,5	7,3	3,0	43
16	5/8	14,0*	16,0	40	1,0	0,5	7,3	3,5	51
20	-	17,5	19,3	35	0,9	0,5	7,3	3,0	43
20	-	17,5	19,5	40	1,0	0,5	7,3	3,5	51
23	-	20,8	23,2	47	1,2	0,5	7,3	3,5	51
25	-	22,6	25,0	47	1,2	0,5	7,3	3,0	43

Min. operating pressure: 0,5 bar

*We recommend using only the fittings IE73

Multibar™ F a.s.

Multibar™ F is the classic dripline with PC (pressure compensated) flat dripper which keeps the flow rate constant as pressure varies thanks to the characteristics of the dripper and the silicone membrane inside. It guarantees a high level of emission uniformity, of water and nutrients, combining all of this with utmost precision in supply distribution, in any topographical situation.

The anti-siphon version - Multibar™ F a.s. - prevents intake of impurities and soil particles inside the dripper.

Field of application



Dripper characteristics

Nominal flow rate lph a 2,0 bar	Recommended filtration	Color	Pressure (bar) /flow-rate (lph)						
			0,5	1,0	1,5	2,0	2,5	3,0	3,5
1,10	155 mesh	Pink	1,0	1,1	1,1	1,1	1,1	1,0	1,0
1,60	155 mesh	Blue	1,4	1,6	1,6	1,6	1,5	1,5	1,6
2,10	155 mesh	Black	1,9	2,1	2,2	2,2	2,1	2,1	2,1
3,80	155 mesh	Green	3,5	3,8	3,9	3,9	3,9	3,8	3,8



PE pipe characteristics

Nominal Ø	Inside Ø	Outside Ø	Wall thickness	Working pressure					
				min		max			
mm	inch	mm	mm	mil	mm	bar	psi	bar	psi
16	5/8	14,0*	16,0	40	1,0	0,5	7,3	3,5	51
20	-	17,5	19,5	40	1,0	0,5	7,3	3,5	51
23	-	20,8	23,2	47	1,2	0,5	7,3	3,5	51
25	-	22,6	25,0	47	1,2	0,5	7,3	3,0	43

*We recommend using only the fittings IE73

Multibar™ F a.s. - d.s.

The Anti-siphon drop stop version, suitable for subsurface irrigation systems, is characterized by the particular design of the dripper that interrupts the flow at the end of the irrigation cycle, making it particularly suitable for crops that require short irrigation cycles.

Field of application



Dripper characteristics

Nominal flow rate lph a 2,0 bar	Recommended filtration	Color	Pressure (bar) /flow-rate (lph)						
			0,5	1,0	1,5	2,0	2,5	3,0	3,5
1,10	155 mesh	Pink	1,03	1,10	1,06	1,05	1,03	1,02	1,00
1,60	155 mesh	Blue	1,50	1,59	1,61	1,64	1,66	1,67	1,68
2,10	155 mesh	Black	2,05	2,15	2,08	2,10	2,14	2,16	2,15
3,80	155 mesh	Green	3,67	3,93	3,83	3,92	3,95	3,93	3,87

Drop-Stop System

close	
bar	psi
0,15	2,20



PE pipe characteristics

Nominal Ø	Inside Ø	Outside Ø	Wall thickness	Working pressure					
				min		max			
mm	inch	mm	mm	mil	mm	bar	psi	bar	psi
16	5/8	14,0*	16,0	40	1,0	0,8	11,6	3,5	51
20	-	17,5	19,5	40	1,0	0,8	11,6	3,5	51

*We recommend using only the fittings IE73



Irritec S.p.A. is a Benefit Corporation

Via Gambitta Conforto, C.da S. Lucia SNC - 98071 Capo d'Orlando (ME) - Italy
Tel. +39 0941 922111 - Fax. +39 0941 958807

For further information download the complete catalogue.

