



MultibarTM 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

MULTIBAR™ F - MULTIBAR™ F a.s.

CLASSIC DRIPLINE WITH FLAT PRESSURE COMPENSATING DRIPPER

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.

Multibar F / Multibar F a.s. Dripline technical data

Nominal diameter	Internal diameter	External diameter	Thickness		Max working pressure		Kd
mm	mm	mm	mil	mm	bar	PSI	-
16	14	15,0	24	0,6	2,0	29	1,00
		15,6	35	0,9	3,0	43,5	
		15,8	40	1,0	3,5	51,0	
20	17,7	19,5	35	0,9	3,0	43,5	0,30
		19,7	40	1,0	3,5	51,0	
23	20,4	22,8	47	1,2	3,5	51,0	0,20
25	22,6	25,0	47	1,2	3,5	51,0	0,15



Field of application



Tree and orchard crops



Vineyards



Olive groves



Nurseries



Sub-irrigation
a.s.version only

**Utmost precision in water distribution
in any topographical situation!**

Multibar F / Multibar F a.s. - Dripper characteristics

Actual flow rate	Flow Equation		Min. working pressure		Recomm. filtering	CV
	lph a 2,0 bar	k x	bar	psi	mesh	
1,10	1,09	0,035	0,5	7	155	4
1,60	1,48	0,030	0,5	7	155	4
2,10	1,98	0,025	0,5	7	155	4
3,80	3,62	0,025	0,5	7	155	4

MULTIBAR™ F a.s. - d.s.

CLASSIC DRIPLINE WITH FLAT PRESSURE COMPENSATING AND ANTI-SIPHON AND DROP STOP DRIPPER

Multibar F AS and DS is the classic dripline with PC flat, anti-siphon and Drop Stop dripper which keeps the flow rate constant as pressure varies thanks to the characteristics of the dripper and the silicone membrane inside. It enables a high level of emission uniformity, of water and nutrients, with utmost precision in supply distribution, in any topographical situation, thanks to the working range. The anti-siphon system prevents intake of impurities and soil particles inside the dripper. The Drop Stop system avoids emptying the line at the end of each cycle by aligning the times and quantities of the supply on each plant. Synchronised opening and closure of each irrigation cycle improves homogeneous plant growth for a better harvest.

Multibar F a.s. e d.s. Dripline technical data

Nominal diameter	Internal diameter	External diameter	Thickness		Max working pressure		Kd
mm	mm	mm	mil	mm	bar	PSI	-
16	14	15,6	35	0,9	3,0	43,5	1,00
		15,8	40	1,0	3,5	51,0	
		19,5	35	0,9	3,0	43,5	
20	17,7	19,7	40	1,0	3,5	51,0	0,30
		19,7	40	1,0	3,5	51,0	
23	20,8	22,8	40	1,0	3,0	43,5	0,20
25	22,6	25,0	47	1,2	3,5	51,0	0,15



Field of application



Tree and orchard crops



sub-irrigation



Vineyards



Olive groves



Nurseries

Multibar F a.s. e d.s. - Dripper characteristics

Actual flow rate	Flow Equation		Min. working pressure		Recomm. filtering	DS System		System HDS		CV
	lph a 2,0 bar	k x	bar	psi	mesh	opening	closure	opening	closure	
1,10	1,09	0,035	0,7	10	155	0,30 - 4	0,15 - 3	0,40 - 5,8	0,25 - 3,6	4
1,60	1,48	0,030	0,7	10	155	0,30 - 4	0,15 - 3	0,40 - 5,8	0,25 - 3,6	4
2,10	1,98	0,025	0,7	10	155	0,30 - 4	0,15 - 3	0,40 - 5,8	0,25 - 3,6	4
3,80	3,62	0,025	0,7	10	155	0,30 - 4	0,15 - 3	0,40 - 5,8	0,25 - 3,6	4

**Flat dripper with drop-stop system:
ideal for frequent fertigation
cycles!**



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