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Pressure Compensating, Self-Flushing MICRO - FLAPPER Emitters (Single Outlet & Six Outlet)

**Pressure Compensating,
Self Flushing Micro-Flapper
Emitters**



- **New Flows Are Now Available**
1.5 Lit/Hr 4.0 Lit/Hr
2.0 Lit/Hr 8.0 Lit/Hr
3.0 Lit/Hr
- **Single Outlet & Six Outlet**

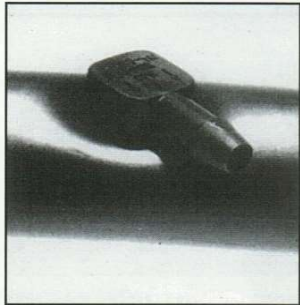


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MICRO-FLAPPER EMITTERLINE

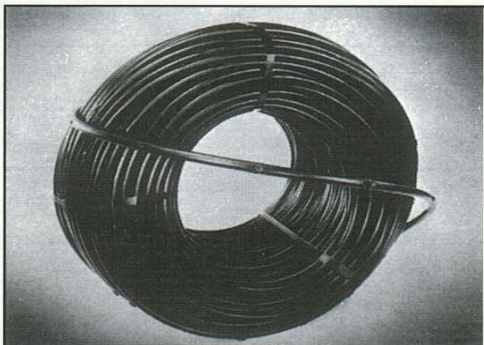
The Micro-Flapper is the ideal emitter for automatic insertion at predetermined intervals in Emitterlines. Its low silhouette and snug fit to the supply tubing makes it possible to unroll coils in the field and quickly attach to sub-mains. The result is large labor savings over field installation



of emitters, precise spacing, and better seal between emitter barb and tubing.

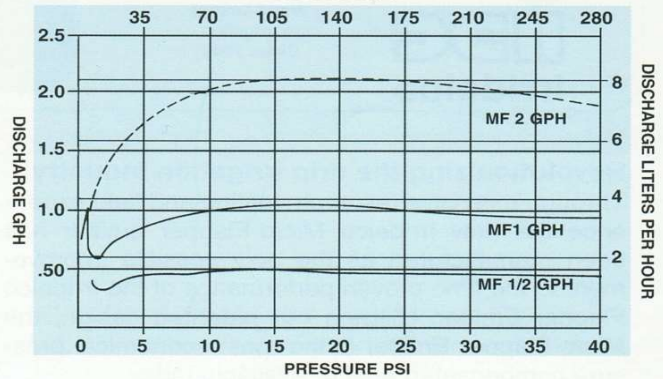
Ideal For All Drip Systems

Use Micro-Flapper Emitterlines for all tree or vine crops, permanent row crops installation and for ground cover areas in landscaping. Because the Micro-Flapper is pressure compensating, it provides even distribution of water on slopes with minimal pressure regulation.



Micro-Flapper Emitterline Reel

MICRO-FLAPPER EMITTER DISCHARGE CHARACTERISTICS



		
Model Number	MF	MF-6 or MF-12
GPH/LPH rates offered	½, 1, 2 / 2, 4, 8	½, 1, 2 / 2, 4, 8
Most Common Uses		
Agricultural		
Trees & Vines	YES	YES
Row Crops	YES	YES
Landscape	YES	YES
Horticultural	YES	YES
Automatic Purging	YES	YES
PSI Compensating Range (psi)	10 to 40	10 to 40
Minimum Filtration (mesh) (1)	150	150
Can Be Buried (2)	YES (2)	YES (2)
Can Be Ported	YES	YES
ID Size Tubing for Porting	.125 I.D. X .185 O.D.	.125 I.D. X .185 O.D.
ID Size Tubing for Barb	.187 I.D. X .250 O.D.	.187 I.D. X .250 O.D.
Use Punch	BLUE	YELLOW

(1) Depends on nature of particles.

(2) If ported to surface.

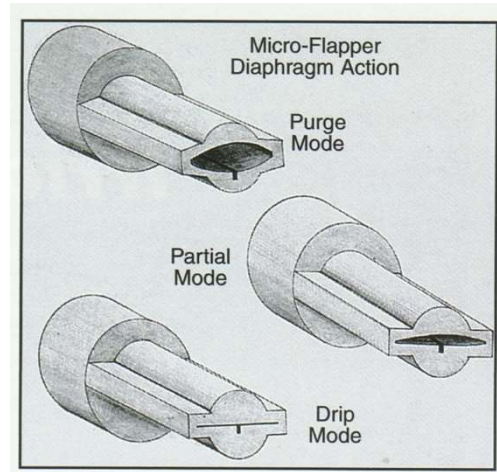
MF EMITTER COLOR CODE:

- 2 LIT/HR (1/2 GPH) BROWN
- 4 LIT/HR (1 GPH) BLACK
- 8 LIT/HR (2 GPH) GREEN

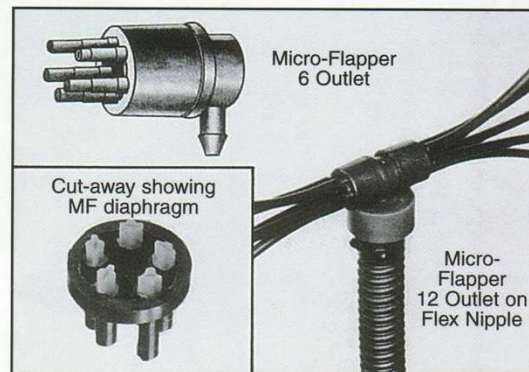


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SPECIFICATIONS		
COLOR CODING		
RED BODY	1.5 LIT/HR	(0.40 GPH)
BROWN BODY	2.0 LIT/HR	(0.50 GPH)
BLUE BODY	3.0 LIT/HR	(0.75 GPH)
BLACK BODY	4.0 LIT/HR	(1.0 GPH)
GREEN BODY	8.0 LIT/HR	(2.0 GPH)
SUGGESTED FILTRATION: 150 MESH		
MAXIMUM PRESSURE: 50 PSI		
DISCHARGE TUBING: 0.125" I.D. x 0.185" O.D.		
PORTING (BARB) TUBING: 0.187" I.D. x 0.285" O.D.		



Pressure Compensating / Automatic Purging

The Micro Flapper is fully pressure compensating. The output of each EMITTER is not affected by reasonable pressure losses due to friction loss in lateral and main line, elevation differences or changes in pumping pressure. Non-compensating EMITTERS always emit a higher volume of water from the first EMITTER in line as compared to last one, even on level terrain. This unequal distribution is unacceptable and unnecessary with the Micro-Flapper.

SIMQAM Micro-Flapper pressure compensating, allow for smaller diameter mains and sub mains and longer lateral lines, thus reducing overall system costs.

The Micro-Flapper diaphragms responsible for the pressure compensating action of the EMITTER and allows for automatic purging (flushing) of the EMITTER. The orifice is wide open and allows purging until the system is pressurized. It than partially closes to its regulating position. This action repeats itself when the system is turned off. The orifice opens and trapped particles are flushed out. Frequent operation of the system best utilizes this purging action.