



World Leader
in Irrigation
Since 1947

MICRO-FLAPPER EMITTERS

Revolutionizing the drip irrigation industry!

Through extensive research, testing and field experience the new Irridelco Micro-Flapper emitter has been manufactured as the only possible improvement to the time proven performance of the Irridelco Flapper Emitter. Utilizing our patented design, the Micro-Flapper Emitter is the most economical pressure compensated emitter available today.

Pressure Compensation/Automatic Purging

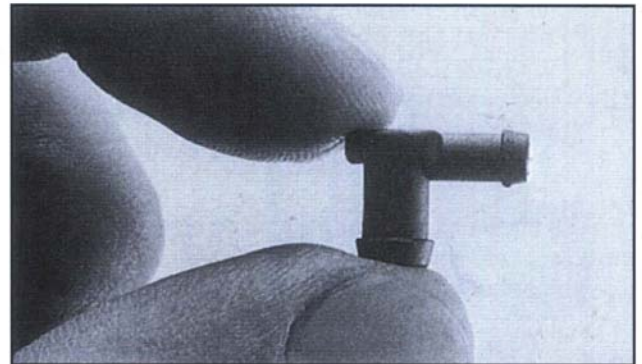
The Irridelco Micro-Flapper is fully pressure compensating, so that the drip output of each emitter is not affected by reasonable pressure losses due to friction loss in lateral and main lines, elevation differences or changes in pumping pressure. Non-compensating emitters always emit a higher volume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

These Irridelco emitters are pressure compensating, allowing for smaller diameter mains and submains and longer lateral lines, thus reducing overall system costs. Seldom are expensive pressure regulating valves required as each emitter acts as its own pressure regulator.

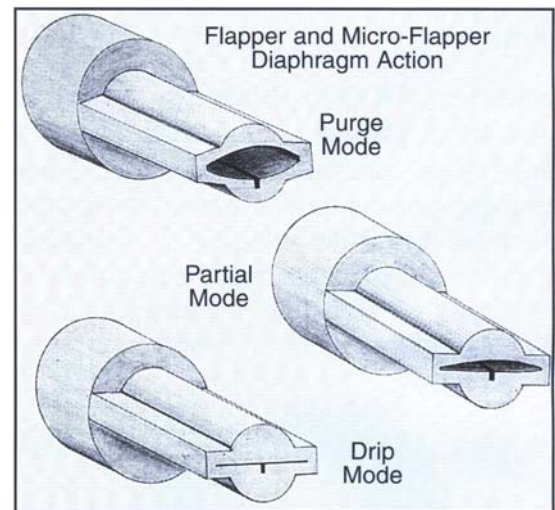
The patented Irridelco Micro-Flapper diaphragm is responsible for the pressure compensating action of the emitter and also allows for automatic purging (flushing) of the emitter. The orifice is wide open and allows purging until the system is pressurized. It then partially closes to its regulating position.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

Micro-Flapper 6 and 12 Outlet Emitter

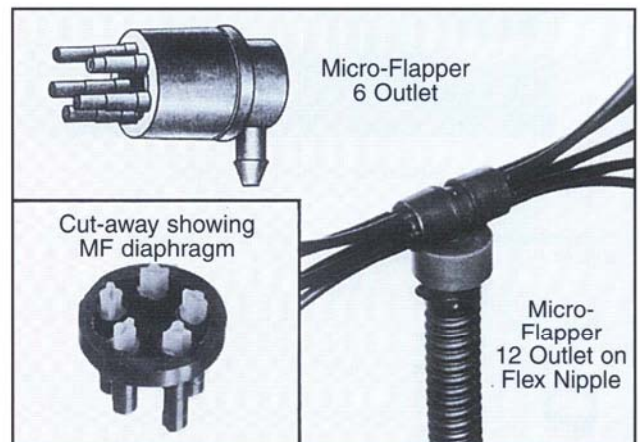
Micro-Flapper multi-outlet emitters utilize an individual Micro-Flapper diaphragm in each of six or twelve ports that accept .125" I.D. distribution tubing. Initially one port out of five is open and additional ports are opened as trees mature or as otherwise required. Each outlet port retains all the advantages of Irridelco pressure compensating Micro-Flapper Emitter.



The marvel of miniaturization...yet amazingly inexpensive.



IRRIDELCO'S patented diaphragm allows for full pressure compensation and automatic purging.

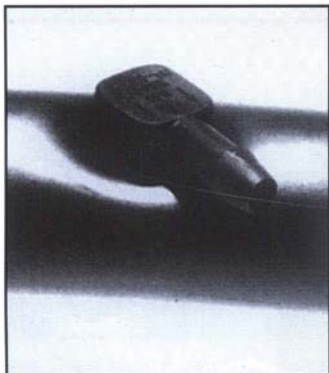


IRRIDELCO pioneered emitter manufacturing in 1968. This assures your guaranteed satisfaction.

COLOR CODE: Micro-Flapper bodies are color coded to indicate flow. See chart on reverse.

MICRO-FLAPPER EMITTERLINE

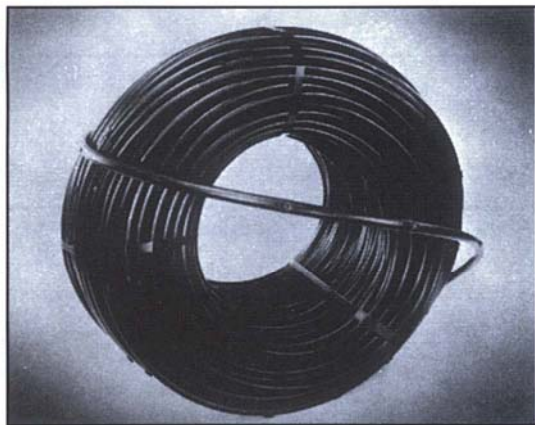
The Micro-Flapper is the ideal emitter for automatic insertion at predetermined intervals in Emitterlines. Its low silhouette and snug fit to the supply tubing makes it possible to unroll coils in the field and quickly attach to sub-mains. The result is large labor savings over field installation



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

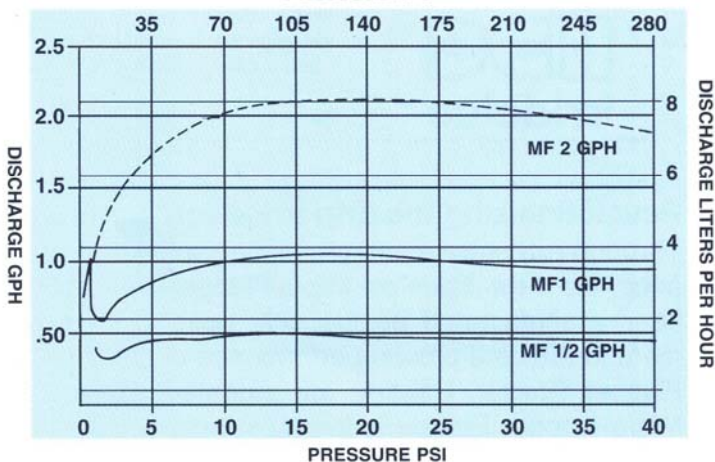
Ideal For All Drip Systems



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 PRESSURE KPa



		
Model Number	MF	MF-6 or MF-12
GPH/LPH rates offered	1/2, 1, 2 / 2, 4, 8	1/2, 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

Protected under the following United States Patents and their foreign equivalents:
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