



# MEDICATORS

**MixRite™** | Livestock Applications

Starting  
**7 L/H**  
0.03 GPM

**New LFR system**  
from day old to maturity

 **TEFEN**  
FLOW & DOSING TECHNOLOGIES

# MixRite™ MEDICATORS

## Livestock applications

The MixRite medicators for livestock guarantees control over doses of treatments injected through drinking water, which is the ideal distribution method, from first day of the flock. In all kinds of livestock (poultry, pork, cattle, rabbits, etc.), the MixRite proportional dosing medicators will enable you to dose treatments such as:

- Antibiotics
- Vaccines
- Disinfectants
- Vinegar
- Chlorine
- Supplements
- Vitamins
- Minerals

into the water line. The proportionality of MixRite medicators guarantees the correct dose independently by pressure and water flow variations (animal consumption).

## Features

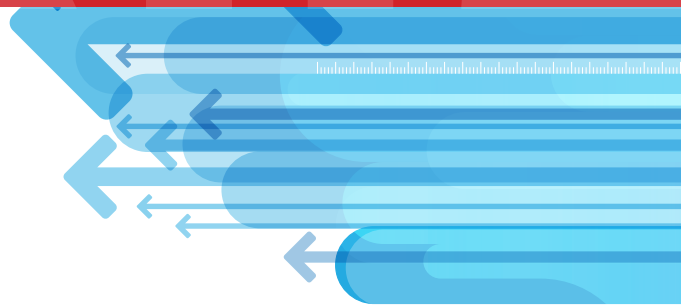
- LFR system-enables operation of the medicator from 7 L/H (0.03 GPM)
- Mixes medication and water precisely
- The dosage can be adjusted easily and quickly
- Inexpensive and simple maintenance
- Key internal parts are from the highest quality material available (hastelloy spring, Viton rubber seal)

The unit will automatically start working when water is flowing in and will continue until the flow will stop; it is possible to control the suction (intake) operation by using the models with the On/Off system.



# MixRite

## Products Range



2.5

3.5

TF-5



**MixRite 2.5**  
**0.8%**  
(11 GPM)



**MixRite 2.5**  
**PO**  
(11 GPM)



**MixRite 3.5**  
**1-10%**  
(15.5 GPM)



**MixRite 3.5**  
**PO**  
(15.5 GPM)



**MixRite**  
**TF-5**  
(22 GPM)

### Technical Information

	2.5	3.5	5
<b>Water pressure</b>	0.2 - 8 bar (2.9 - 120 psi)	0.2 - 8 bar (2.9 - 120 psi)	1 - 8 bar (14.7 - 120 PSI)
<b>Flow Rate</b>	7 - 2500 L/H (0.03-11 GPM)	10 - 3500 L/H (0.04-15.5 GPM)	200-5000 L/H (0.8 - 22 GPM)
<b>Working temp</b>	4-40° C (39.2-104° F)	4-40° C (39.2-104° F)	4-40° C (39.2-104° F)
<b>Coupling</b>	3/4"	3/4"	1"

### 2.5, 3.5 Application Color Code

Application	Sleeve Color	TEFEN Code	Seal Material	Spring Material
Livestock	Red	PO	NBR, EPDM	SST, Hastelloy
Chlorine	Purple	CL	Viton	Hastelloy

### TF-5 Application Color Code

Application	Sleeve Color	TEFEN Code	Seal Material	Spring Material
Livestock	Red	PO	NBR, EPDM	SST, Hastelloy
Chlorine	Purple	CL	Viton	Hastelloy

# General Technical Information

	Model	Flow Rate Range	Pressure Range	Dosage Rate	Dosage Rate %	Connectors Diameter Thread
<b>MixRite 2.5</b>	0.8% Fixed OZ/GAL	7-2500 L/H 0.03-11 gpm	0.2 - 8 bar 2.9 - 120 psi	1:128	0.8% Fixed	3/4" BSPT
	MixRite 2.5 0.1-0.9%	7-2500 L/H 0.03-11 gpm	0.2-8 bar 2.9-120 psi	1:1000-1:111	0.1-0.9%	3/4" BSPT
	MixRite 2.5 0.3-2%	7-2500 L/H 0.03-11 gpm	0.2 - 8 bar 2.9 - 120 psi	1:333 - 1:50	0.3 - 2%	3/4" BSPT
	MixRite 2.5 0.4-4%	7-2500 L/H 0.03-11 gpm	0.2 - 8 bar 2.9 - 120 psi	1:250 - 1:25	0.4 - 4%	3/4" BSPT
<b>MixRite 3.5</b>	MixRite 35 0.1%-0.9%	10-3500 L/H 0.04 to 15.5 gpm	0.2-8 bar 2.9-120 psi	1:1000 - 1:111	0.1%-0.9%	3/4" BSPT
	MixRite 35 0.3%-2%	10-3500 L/H 0.04 to 15.5 gpm	0.2-8 bar 2.9-120 psi	1:333 - 1:50	0.3%-2%	3/4" BSPT
	MixRite 35 0.5%-5%	10-3500 L/H 0.04 to 15.5 gpm	0.2-8 bar 2.9-120 psi	1:200 - 1:20	0.5%-5%	3/4" BSPT
	MixRite 35 1%-10%	50-3500 L/H 0.22 - 15.5gpm	0.2-8 bar 2.9-120 psi	1:100 - 1:10	1%-10%	3/4" BSPT
<b>MixRite TF 5</b>	TF 5-001	200-5000 L/H 0.88-22 gpm	1 - 8 bar 14.7 - 120 psi	1:1000 - 1:100	0.1 - 1%	1" NPT, BSPT
	TF 5-002	200-5000 L/H 0.88-22 gpm	1 - 8 bar 14.7 - 120 psi	1:500 - 1:50	0.2 - 2%	1" NPT, BSPT
	TF 5-005	200-5000 L/H 0.88-22 gpm	1 - 8 bar 14.7 - 120 psi	1:200 - 1:20	0.5 - 5%	1" NPT, BSPT

## Choosing the right size MixRite medicator

Mixrite 0.8% Fix	Mixrite 2.5 0.3-2% / 0.4-4%	Mixrite 3.5 0.3-2%	Mixrite TF-5 0.1-1%
* 8,000 to 50,000 Birds		* Up to 70,000 Birds	* More than 70,000 Birds

\*Birds size up to 9 pounds

## Typical plumbing control for Livestock application

- 1 Pressure regulator
- 2 Pressure Gauge
- 3 Check Valve
- 4 Water filter - 120 mesh minimum
- 5 Water Meter with Pulse
- 6 Bypass valve
- 7 MixRite Medicator

