



# Ag

## NGE® SF

Self-Flushing Pressure Compensating Emitter



### FEATURES & BENEFITS

- Engineered with acid resistant high-grade material to ensure superior weathering characteristics and protection against chemical degradation.
- The unique emitter design and pressure compensating diaphragm allows:
  - Self-flushing during operation and shut-down to facilitate cleaning.
  - The emitter to close upon system shut down, thus inhibiting back siphoning and reducing the risk of emitter clogging.
- The semi-circle inlet filters and large turbulent flow path resist clogging by preventing large debris from entering the emitter, and by allowing smaller particles to exit the flow path during the self-flushing cycle.
- The exceptional emitter design allows uniform flow rates from 8 to 60 psi (0.55 to 4.1 Bar). This wide pressure range makes the NGE emitter ideal for use in difficult topographical conditions. With a Cv of 3% or less, the NGE is one of the highest performing emitters available.
- 3mm barbed outlet adapts to microtube where precise placement of water is needed.

### APPLICATION

The NGE SF is a precise, pressure compensating emitter engineered for use in vineyards, orchards, nurseries, greenhouse and landscape applications. The emitter's unique self-flushing design activates during operation and shutdown, and prevents back-siphonage, providing added protection against clogging.

### COLOR-CODED FOR EASY IDENTIFICATION

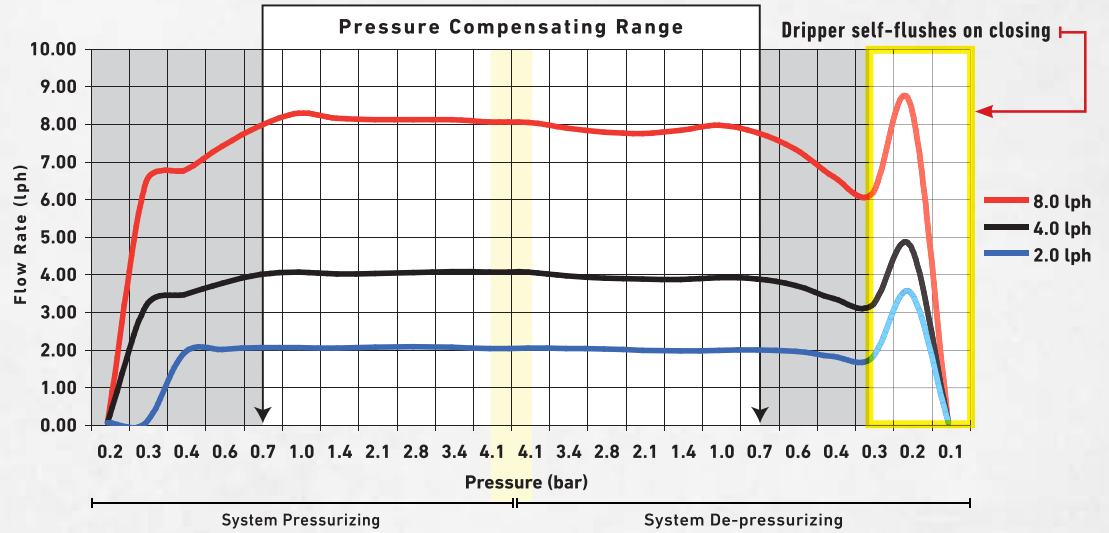
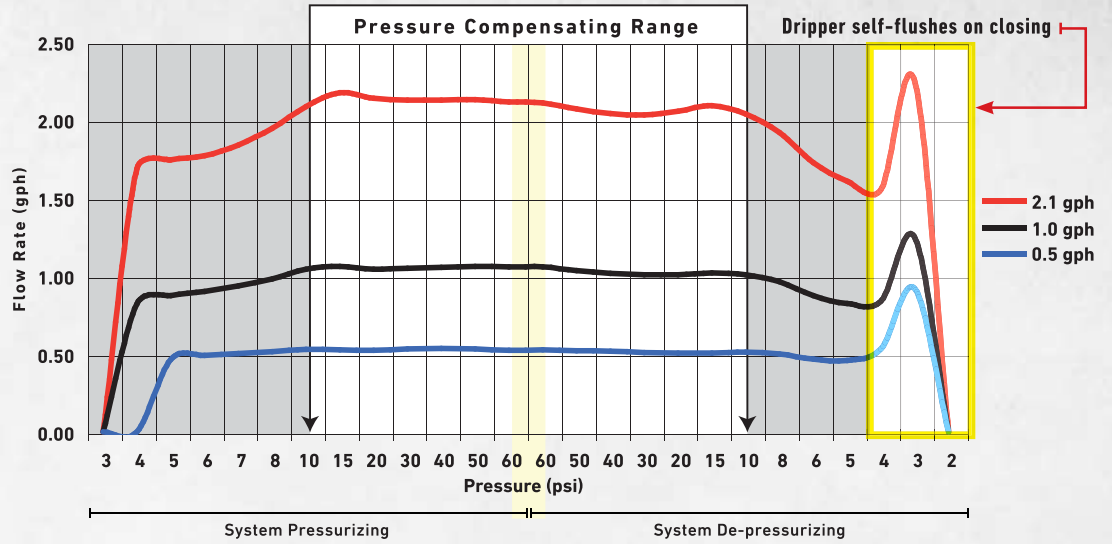


### AVAILABLE IN THREE FLOW RATES:

FLOW RATE	3mm BARBED OUTLET
0.5 gph (2.0 lph)	DPCT02-3-BLUE
1.0 gph (4 lph)	DPCT04-3-BLK
2.1 gph (8 lph)	DPCT08-3-RED

# NGE® SF

Left of the yellow bar shows the performance of the dripper as the pressure increases from 3 to 60 psi. Right of the yellow bar shows the flow of the emitter as the pressure decreases from 60 psi back down to zero.



## SPECIFICATIONS

Model Number	DPCT02	DPCT04	DPCT08
Color	Blue	Black	Red
<b>Nominal Flow Rates</b>			
gph	0.5	1.0	2.1
lph	2.0	4.0	8.0
<b>Recommended Pressure Range (P)</b>			
psi	8 to 60 psi		
bar	0.6 to 4.1 Bar		
<b>Emitter Specs</b>			
Emitter Exponent (x)	0.000	0.000	0.002
Coefficient of variation (Cv)	≤ 3%		
<b>Minimum Filtration Requirement</b>			
Mesh	120		
Micron	125		

### Understanding Part Numbers

Example: DPCT04-3-BLK

**DPCT 04 -3 -BLK**

Model | Flow Rate (lph) | 3mm Barbed Outlet | Color (base)

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ALT027 04/18

