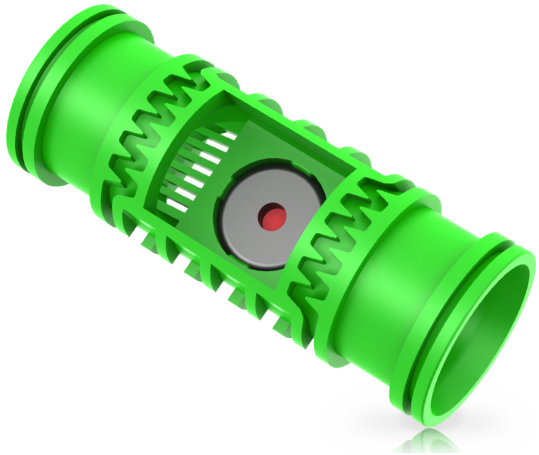
Storm-PC

Pressure-compensating
Round dripper



Designed for agricultural irrigation across varied field conditions. Pressure compensation supports consistent delivery on slopes and long laterals, with elevated dual filters and a self-cleaning silicone diaphragm.

Engineered for reliable irrigation

Consistent water delivery

Pressure compensation from 1 to 4 bar and a flow exponent of ≤0.05 support uniform delivery across slopes and long laterals.

Elevated dual filters

The elevated filters draw from faster-moving water near the pipe center, helping keep filter surfaces clear.

Self-cleaning diaphragm

The silicone diaphragm regulates flow and supports self-cleaning during operation.

Clog-resistant labyrinth

A large-cross-section labyrinth helps maintain flow in the presence of suspended solids.

Quality and durability

Premium virgin polyethylene with protective additives provides resistance to UV degradation and commonly used fertilizers and chemicals.

Flow and diameter options

The 16 mm model is available in 1.6, 2 and 4 L/h. The 18 mm model is available in 2 and 4 L/h.

Technical overview

Nominal flows / pipe diameters

1.6 L/h: 16 mm; 2 / 4 L/h: 16 / 18 mm

Compensation range

1-4 bar

Flow exponent

≤0.05

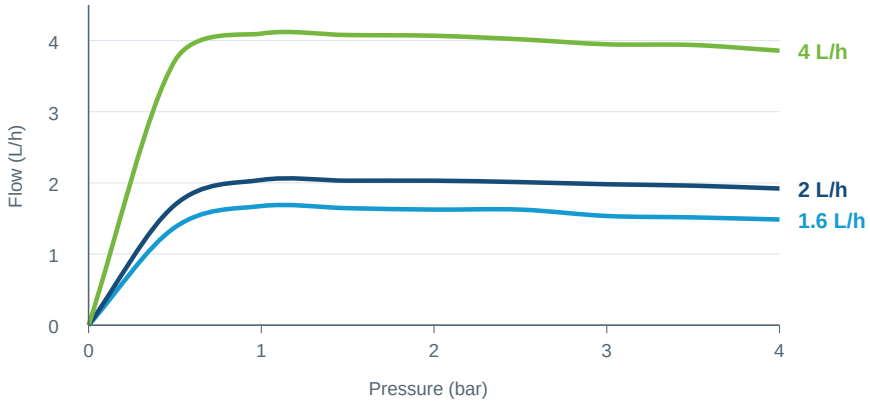
CV at 1 bar by nominal flow

1.6 L/h: <5.3%; 2 L/h: <4.5%; 4 L/h: <4.3%

Overall length

42 mm

Storm-PC flow rates



Flow (L/h) / bar	0.5	1	1.5	2	2.5	3	3.5	4
1.6	1.38	1.68	1.65	1.63	1.63	1.54	1.52	1.49
2.0	1.69	2.04	2.03	2.03	2.01	1.98	1.96	1.92
4.0	3.72	4.10	4.08	4.07	4.02	3.95	3.94	3.86

Technical data is a guide. Actual results may vary depending on manufactured pipe characteristics.