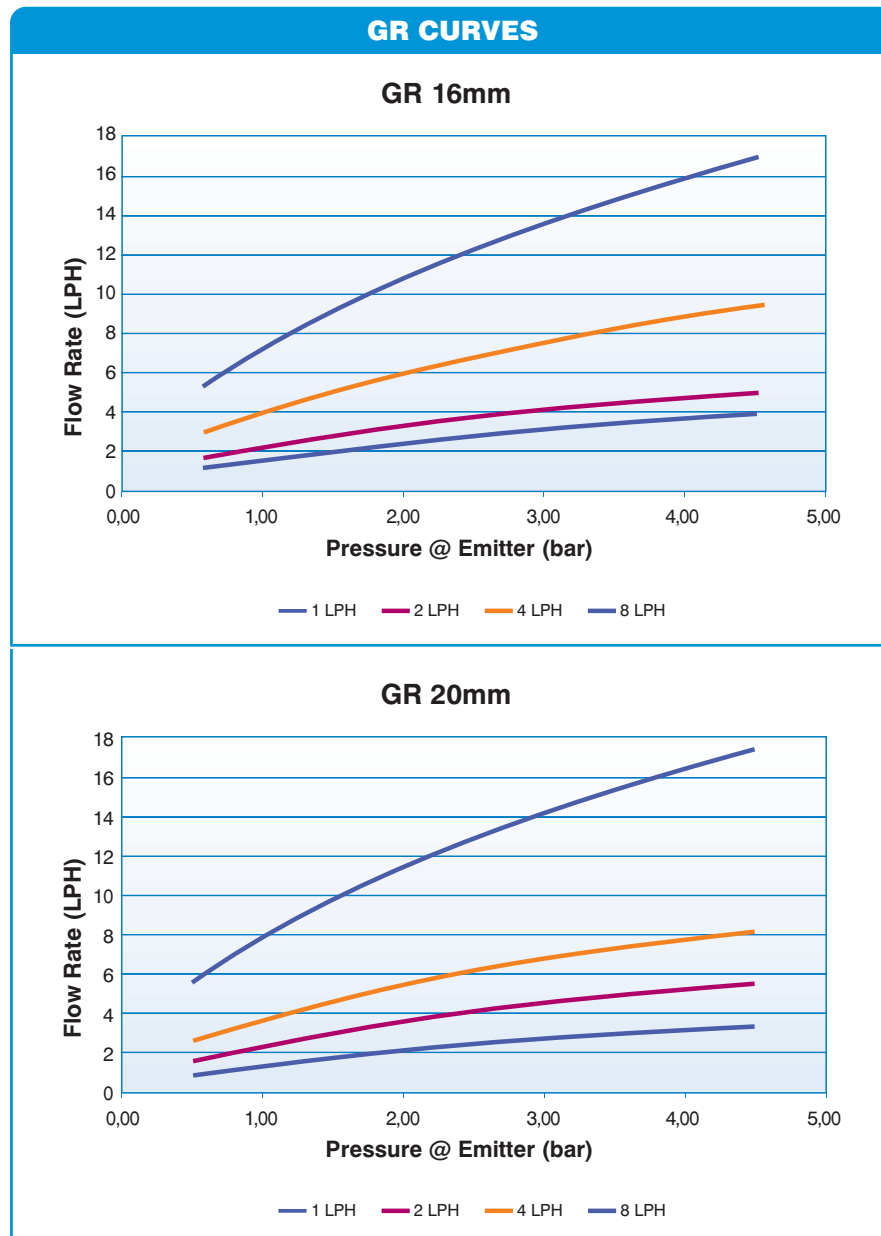


GR Thick Wall Dripline Specifications



GR Thick Wall Dripline

LOWEST
Cv
IN THE
INDUSTRY



GR - THICK WALL DRIPLINES SPECIFICATIONS

Tube Size (mm)	Wall Thickness (mm)	ID (mm)	OD (mm)	Coil Length (m)	Max Operating Pressure (bar)	Required Filtration (mesh)
16	0,95	13,70	15,60	400	4,50	120*
20	1,10	17,50	19,70	300	4,50	120*

*Disk or sand media filtration is required when organic contaminants are present.

Customer Benefits & Product Application

- Large turbulent flow path emitters are injection molded in our Inofyta, Greece facility, provide unmatched clogging resistance resulting in greater long term reliability and less maintenance even in poor water quality conditions.
- Industry leading CV performance (<3%) delivers more consistent emission uniformity.
- Top quality resins and true 1-piece manufacturing ensure maximum tensile strength for high pressure operations, flushing and reliability in the most extreme conditions.
- Standard and custom emitter spacing available in multiples of 15 to 200 cm.
- Ideal applications include subsurface row crops, cotton, alfalfa, as well as orchards, vineyards and nurseries (specially introduced for fields up to 3% inclination).



Abbreviations

ID = Inside Diameter
OD = Outside Diameter
LPH = Liters Per Hour

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**Quality.
Value.
People.**

GR Thick Wall Dripline Specifications

GR 16MM EMITTER FLOW PATH SPECIFICATIONS (FLOW RATE @ 1 bar)							
Flow Rate (LPH) @ 1 bar	Flow Path Length (mm)	Flow Path Width (mm)	Flow Path Depth (mm)	Flow Constant (K)*atm	Flow Exponent (x)	Coefficient of Variation (CV)	Friction Factor (Kd)
1,70	246	1,00	0,85	1,70	0,56	0,025	0,40
2,20	246	1,20	0,90	2,20	0,55	0,025	0,40
4,20	196	1,40	1,30	4,20	0,54	0,025	0,40
7,50	58	1,40	1,30	7,50	0,54	0,025	0,40

GR 20MM EMITTER FLOW PATH SPECIFICATIONS (FLOW RATE @ 1 bar)							
Flow Rate (LPH) @ 1 bar	Flow Path Length (mm)	Flow Path Width (mm)	Flow Path Depth (mm)	Flow Constant (K)*atm	Flow Exponent (x)	Coefficient of Variation (CV)	Friction Factor (Kd)
1,50	312	1,25	0,90	1,50	0,54	0,025	0,15
2,50	312	1,25	1,20	2,50	0,55	0,025	0,15
3,80	300	1,40	1,50	3,80	0,52	0,025	0,15
8,00	54	1,40	1,50	8,00	0,52	0,025	0,15

