



GR - THICK WALL DRIPLINE 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

# GR Specifications

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

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

