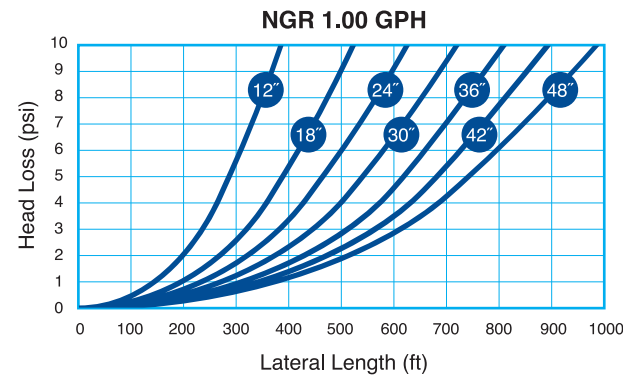
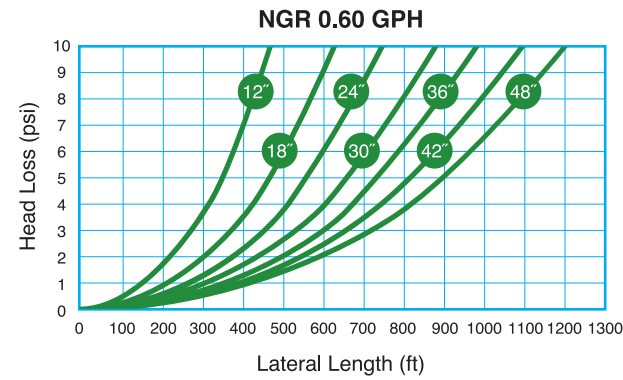
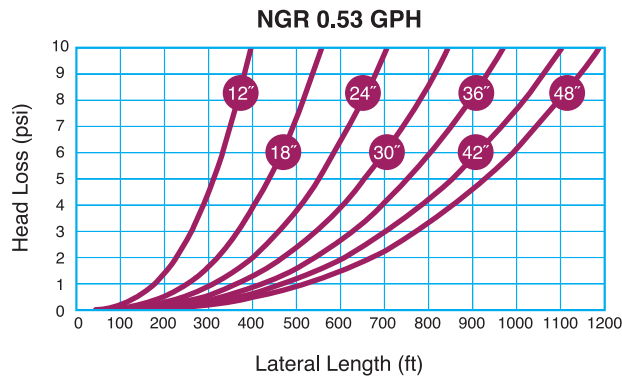


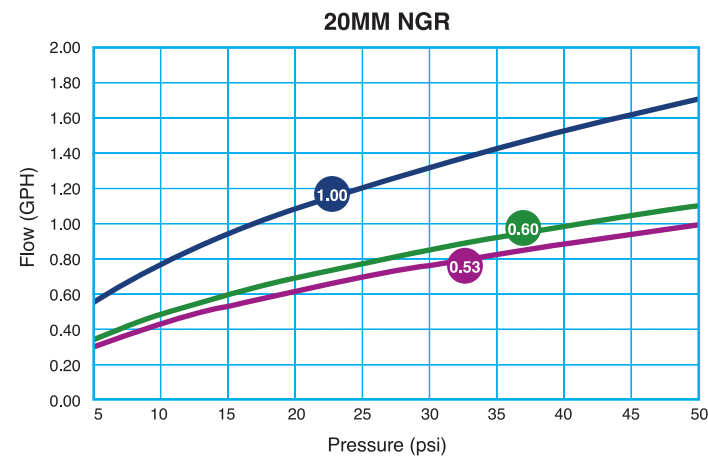
## NGR HEAVYWALL DRIPLINE SPECIFICATIONS

### 20MM NGR - LATERAL LENGTH vs. HEAD LOSS



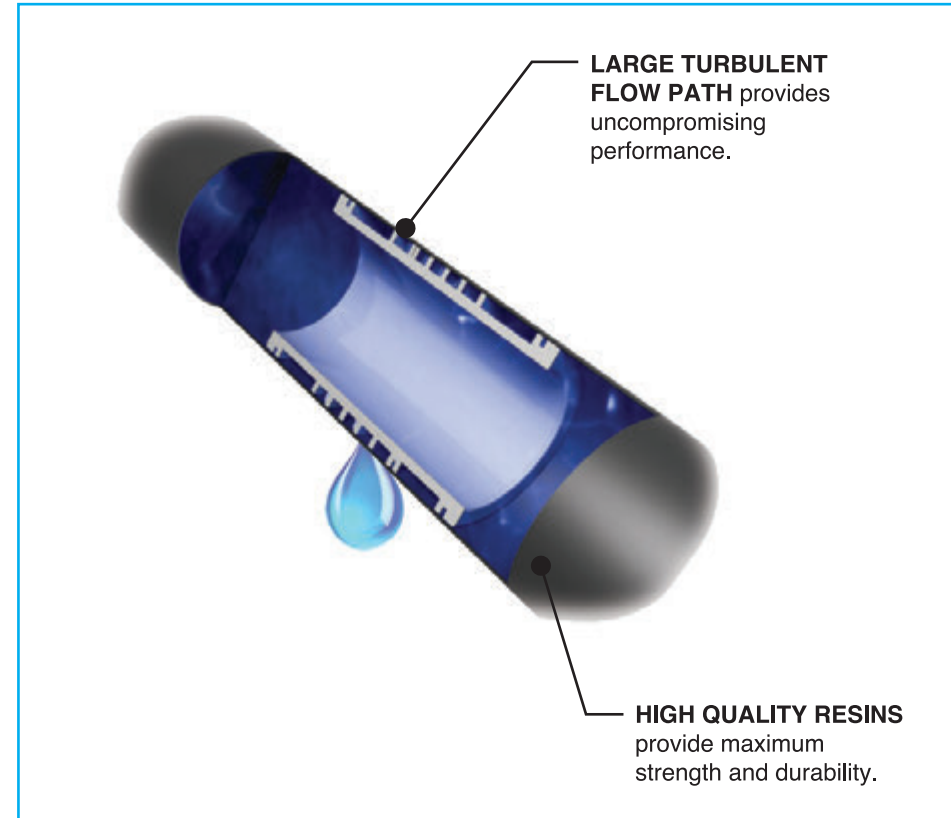
Charts based on flat ground and 18 psi inlet pressure

### FLOW vs. PRESSURE



## NON-PRESSURE COMPENSATING NGR Heavywall Dripline

### RELIABILITY IN EXTREME CONDITIONS



### APPLICATIONS

- Ideal applications include permanent crops such as vineyards and orchards. For on-surface and subsurface installations.

### BENEFITS

- Large turbulent emitter flow path provides superb plugging resistance resulting in greater long-term reliability and less maintenance.
- Low coefficient of variation delivers consistent emission uniformity.
- Highest quality resins provide for maximum tensile strength and long term durability in a wide variety of agricultural applications.

### TECHNICAL SPECIFICATIONS

- Nominal flow rates (GPH): 0.29, 0.50, 0.53, 0.58, 0.92, 1.0, 1.06
- Common spacings: 12", 24", 36", 48"
- Standard and custom emitter spacing available. Skip and grouped spacing available by special order.
- Available in black or white.
- Recommended minimum filtration: 120 mesh
- Inside diameter: 16mm - 0.54", 18mm - 0.62", 20mm - 0.69"

### NGR Emitter Specifications

Tubing Size	Emitter Flow Rate	Flow Constant (K)	Flow Exponent (x)	Coefficient Variation (Cv)	Friction Factor (Kd)
16mm	0.29 GPH	0.067	0.55	0.030	0.30
16mm	0.53 GPH	0.128	0.53	0.030	0.30
16mm	1.06 GPH	0.277	0.50	0.030	0.30
18mm	0.50 GPH	0.132	0.50	0.030	0.30
18mm	1.00 GPH	0.238	0.53	0.014	0.40
20mm	0.53 GPH	0.130	0.52	0.030	0.15
20mm	0.58 GPH	0.149	0.51	0.030	0.15
20mm	0.92 GPH	0.249	0.49	0.030	0.15

### NGR Tubing Specifications

Tubing Size	Inner Diameter	Outer Diameter	Coil Length	Max Operating Pressure	Required Filtration
16mm	0.54"	0.62"	1320 ft	65 psi	120 mesh
18mm	0.62"	0.71"	1000 ft	65 psi	120 mesh
20mm	0.69"	0.80"	1000 ft	65 psi	120 mesh



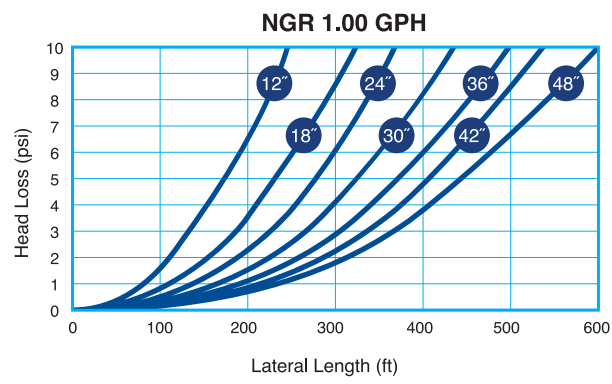
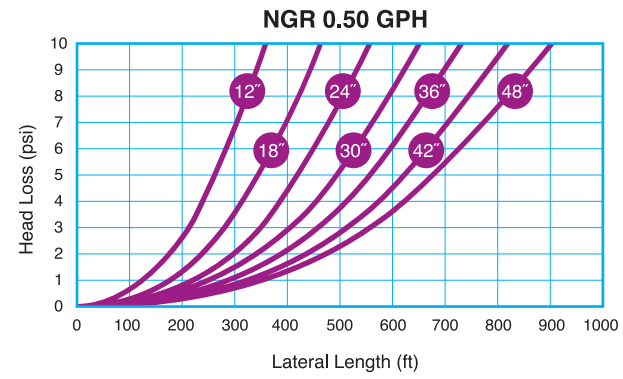
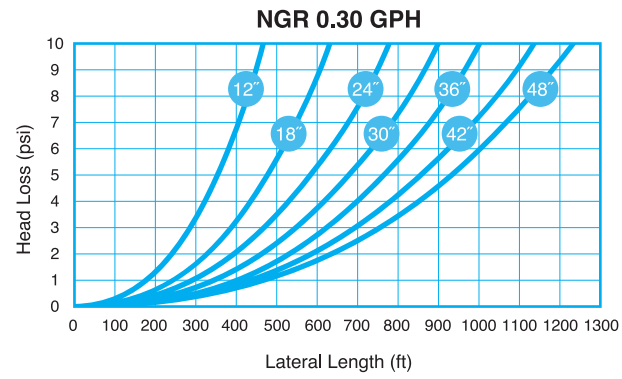
1850 West Almond Avenue  
Madera, CA 93637  
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Customer Service Fax: (559) 673-9009

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NGR-HWD  
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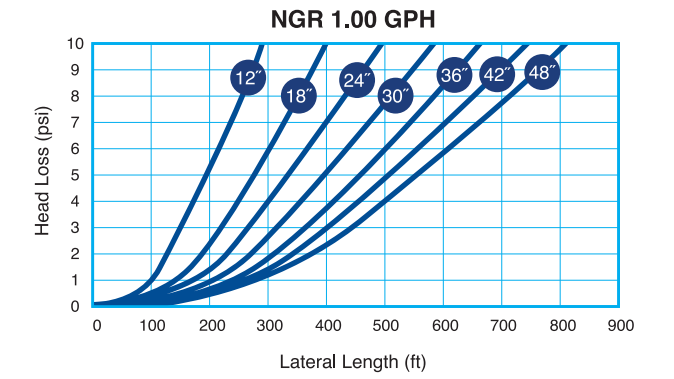
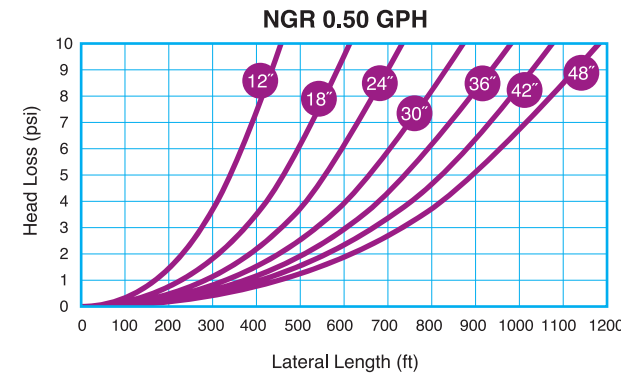
# NGR HEAVYWALL DRIPLINE SPECIFICATIONS

## 16MM NGR - LATERAL LENGTH vs. HEAD LOSS



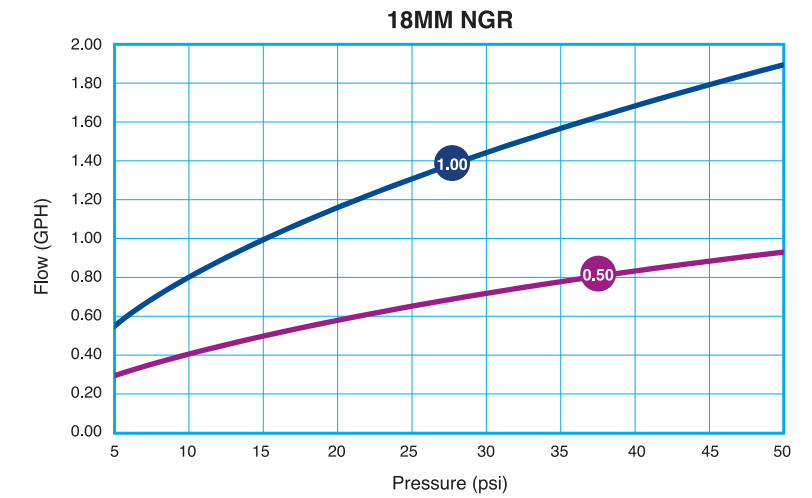
Charts based on flat ground and 18psi inlet pressure

## 18MM NGR - LATERAL LENGTH vs. HEAD LOSS

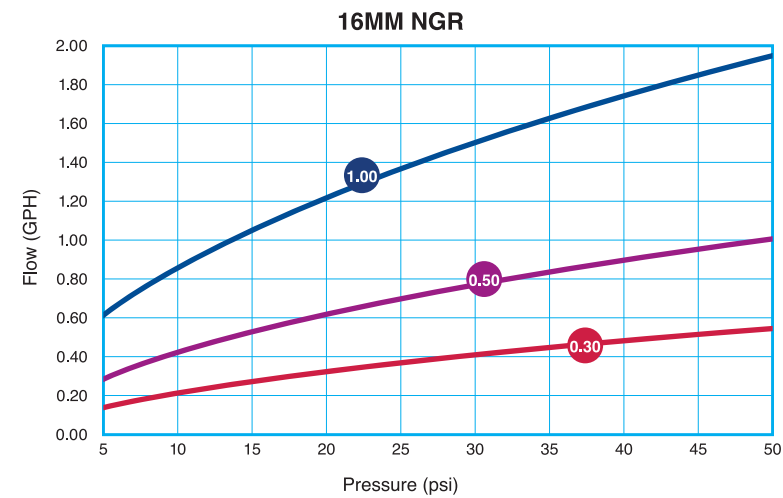


Charts based on flat ground and 18 psi inlet pressure

## FLOW vs. PRESSURE



## FLOW vs. PRESSURE



Strength and technology come together with Eurodrip USA's heavywall NGR dripline. The latest technology in turbulent flow path emitters is combined with top quality resins.