

GritX™ Pressure Compensating Heavywall Dripline with Smart Spacing

Heavywall Dripline that Pays For Itself

GritX™ Pressure Compensating Heavywall Dripline with Smart Spacing is the ultimate in smart irrigation. Smart Spacing allows growers to specify repeating patterns of variable spacing between emitters to deliver water to the plants and not the areas between them. Save water and energy while reducing chemical consumption with Smart Spacing. GritX™ Dripline uses Rain Bird's proven Agricultural GritX™ emitter that features precise and accurate flow rates and prevents clogging and ensures the fastest flow rate recovery time when grit happens.



WORKMANSHIP



ENVIRONMENTAL
STRESS CRACKING

Custom Smart Spacing

- Save labor, water and energy by eliminating unnecessary emitter outlets
- Reduce chemical consumption when applying through Dripline
- Specify any repeating pattern for emitter spacing between 6 - 96"
- Irregular patterns are acceptable as long as the pattern repeats

GritX™ Emitters

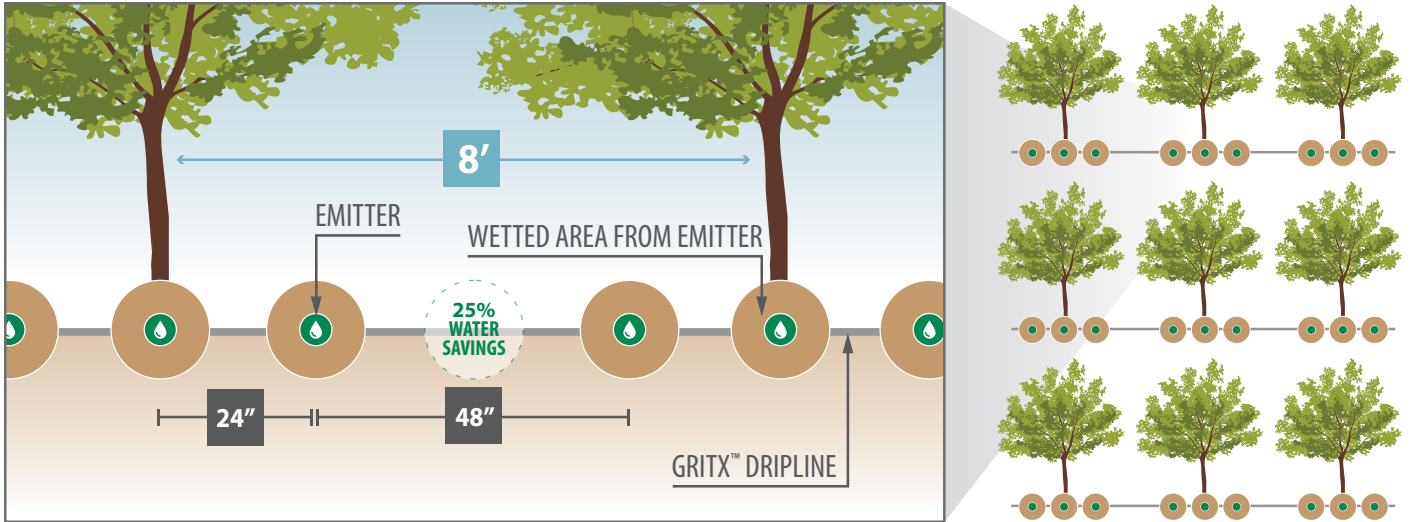
- +50% of the time, when systems don't perform as expected, it's due to clogged emitters
- Filter-less "self-cleaning" emitter design prevents clogs by allowing grit to pass through easily
- Market leading Distribution Uniformity, flow rate accuracy, and recovery times
- Precision manufacturing means consistent emitter placement and no negative run out

Factory to Farm Guarantee

- Rain Bird manufactures every component of GritX™ Dripline
- Proprietary resin blend and coiling machinery to ensure easy roll out and limits coil memory
- Custom pallets guarantee GritX™ arrives in pristine shape and is easy to handle
- Strict inspection policy ensures product quality from factory to farm



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HOW TO ORDER: GritX™ Pressure Compensating Heavywall Dripline with Smart Spacing

GXSS	- 18	- 5	- S	- 24	- X	- 2	- L	- 48	- X	- 1	- W
Model	Tube Diameter	Emitter Flow Rate		Short Space Between Emitters*		Short Space Repeats	Long Space Designer	Long Space Between Emitters*		Long Space Repeats	Color (optional)
	1635 = 16 mm 0.035 wall 1645 = 16 mm 0.045 wall 1845 = 18 mm 0.045 wall 2048 = 20 mm 0.048 wall	Imperial	Metric	Imperial	Metric	2 3		Imperial	Metric	1 2 3	W = White
		3 = 0.31 gph 4 = 0.42 gph 5 = 0.53 gph 6 = 0.61 gph 9 = 0.93 gph 1 = 1.06 gph	3 = 1.2 l/h 4 = 1.6 l/h 5 = 2.0 l/h 6 = 2.3 l/h 9 = 3.5 l/h 1 = 4.0 l/h	18 = 18" 24 = 24" 30 = 30" 36 = 36" 42 = 42" 48 = 48" 60 = 60"	18 = 45.7 cm 24 = 61.0 cm 30 = 76.2 cm 36 = 91.4 cm 42 = 106.7 cm 48 = 121.9 cm 60 = 152.4 cm			18 = 18" 24 = 24" 30 = 30" 36 = 36" 42 = 42" 48 = 48" 60 = 60"	18 = 45.7 cm 24 = 61.0 cm 30 = 76.2 cm 36 = 91.4 cm 42 = 106.7 cm 48 = 121.9 cm 60 = 152.4 cm		

In the example above, the order is for 18 mm Heavywall Dripline with 0.53 gph emitters that features "Smart Spacing". There is a repeating pattern of 2 short spaces with emitters spaced 24" apart followed by 1 long space of 48".

Another way to think about this example is that we're "skipping" every 4th emitter, so you're using 25% less water and simultaneously cutting irrigation expenses by 25% when you install GritX™.

OPERATING RANGE:

Pressure
7 - 60 psi (0.48 - 4.14 bar)

Water Temperature

Up to 110° F (43.3° C)

Ambient Temperature

Up to 150° F (65.6° C)

TUBE DIAMETER:

Dimensions

163 = 16 mm with 35 mil wall: OD 0.610" (15.5 mm), ID 0.540" (13.7 mm), wall thickness 0.035" (0.9 mm)
164 = 16 mm with 45 mil wall: OD 0.630" (16.0 mm), ID 0.540" (13.7 mm), wall thickness 0.045" (1.1 mm)
18 = 18 mm: OD 0.709" (18.0 mm), ID 0.619" (15.7 mm), wall thickness 0.045" (1.1 mm)
20 = 20 mm: OD 0.786" (19.9 mm), ID 0.690" (17.5 mm), wall thickness 0.048" (1.2 mm)

EMITTER FLOW RATE:

3 = 0.31 gph (1.2 l/h)
4 = 0.42 gph (1.6 l/h)
5 = 0.53 gph (2.0 l/h)
6 = 0.61 gph (2.3 l/h)
9 = 0.93 gph (3.5 l/h)
1 = 1.06 gph (4.0 l/h)

FILTRATION:

120 mesh (125 micron)

PACKAGING:

Standard coil length
1,000'

Standard pallet

16 coils

APPLICATIONS:



QUESTIONS?

We're here for you.

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