

SPOT-SPITTER(R) Lateral Analysis



SPOT-SPITTER[®] DESIGN CALCULATOR

INPUTS	
SPOT-SPITTER Color	
Lateral inside diameter, in.	1.049
Lateral length, ft	400
Number of SPITTERS	130
Inlet pressure	20

PRODUCT SPECS		
Color	Pressure, psi	Flow Rate, gph
Black	20	15.1
Green	20	11.5
Light Green	20	6.4
Orange	20	4.2
Brown	20	6.6
Grey	20	3.0
Blue	20	10.9

OUTPUTS	
Lateral flow rate	13.9 gpm
Lateral flow velocity	5.2 fps
End to end pressure loss	6.3 psi
Flow rate, first SPITTER	6.4 gph
Flow rate, average SPITTER	5.5 gph
Flow rate, last SPITTER	5.1 gph
Min-Max flow Uniformity	80%
Distribution Uniformity (DU)	94%

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