

UNIRAM - EMITTER ENGINEERING FACTORS



ENGINEERING CONSTANT = K
 FLOWS @ 10 psi

ENGINEERING EXPONENT = X
 BARB LOSS COEFFICIENT = Kd (for different pipe IDs)

Diameter / Series	Mil	Flow Designation	Flow @ 10 psi (GPH)	Flow Constant, K at Low Pressure (less than 7 psi)	K (7 psi and above)	X (7 psi and above)	Exponent, X at Low Pressure (less than 7 psi)	K (Irricad)
All	All	1 LPH	0.26	0.09986	0.2642	0	0.50	1.0000
		1.2 LPH	0.32	0.11983	0.3170	0	0.50	1.2000
		1.6 LPH	0.42	0.15977	0.4227	0	0.50	1.6000
		2 LPH	0.53	0.19972	0.5284	0	0.50	2.0000
		2.3 LPH	0.61	0.22970	0.6077	0	0.50	2.3000
		3.5 LPH	0.92	0.34950	0.9247	0	0.50	3.5000
		3.8 LPH	1.00	0.37946	1.0040	0	0.50	3.8000

Diameter	Kd
540	1.60
570	1.10
620	0.85
690	0.40