

SPECIFICATIONS ON 4" IPS HMW HDPE 4710 PIPE

PRESSURE DROP VS. FLOWRATE

PIPE MANUFACTURING STANDARDS

- ASTM D3035
- ASTM F714
- ASTM F2619
- NSF/ANSI 14

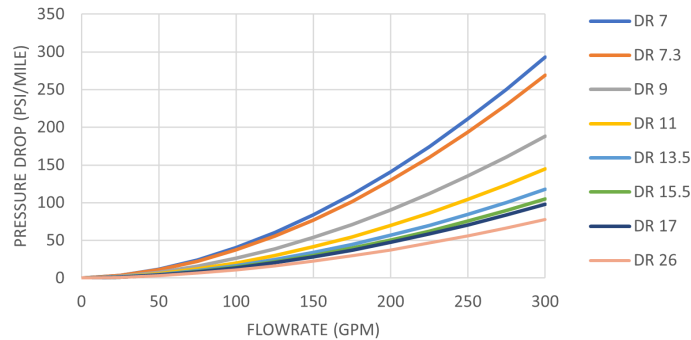
PIPE RESIN STANDARDS

- ASTM D3350

WATER WORKS STANDARDS

- AWWA C901
- AWWA C906
- NSF/ANSI 61

PRESSURE DROP VS FLOWRATE FOR 4" HDPE PIPE



Temperature Deratings

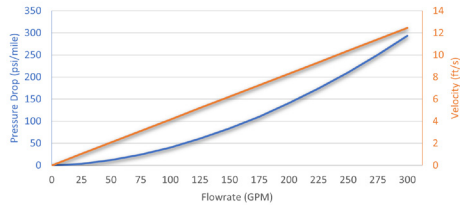
Temperature	Multiplier, F _T
40	1.22
50	1.15
60	1.08
70	1.02
73	1.00
80	0.96
90	0.90
100	0.84
110	0.78
120	0.73
130	0.68
140	0.63

Avg OD, in	DR	7	7.3	9	11	13.5	15.5	17	26
4.5	Pressure Rating	335 psi	317 psi	250 psi	200 psi	160 psi	138 psi	125 psi	80 psi
	Min Wall, in	0.643	0.616	0.500	0.409	0.333	0.290	0.265	0.173
	Avg ID, in	3.137	3.193	3.440	3.633	3.793	3.885	3.939	4.133
	Weight, ft/lb	3.401	3.285	2.750	2.304	1.915	1.686	1.547	1.035

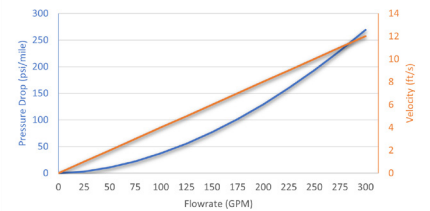
HYDRAULIC PERFORMANCE

*Calculations performed using water as the transfer fluid.

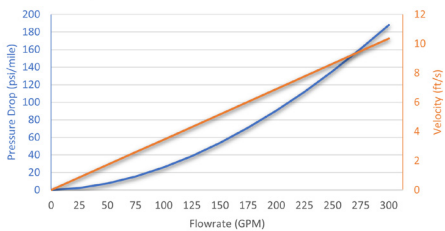
Hydraulic Performance for 4" DR 7



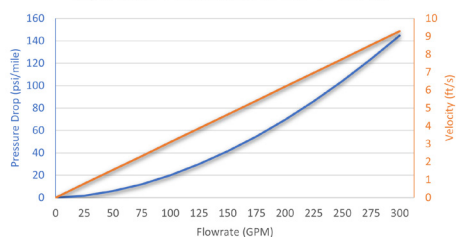
Hydraulic Performance for 4" DR 7.3



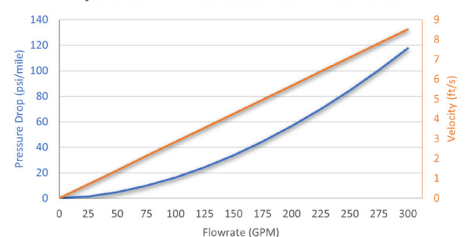
Hydraulic Performance for 4" DR 9



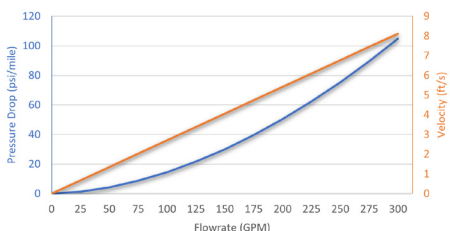
Hydraulic Performance for 4" DR 11



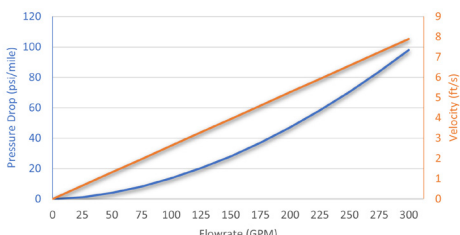
Hydraulic Performance for 4" DR 13.5



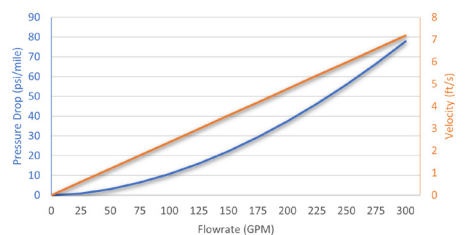
Hydraulic Performance for 4" DR 15.5



Hydraulic Performance for 4" DR 17



Hydraulic Performance for 4" DR 26



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