

Errata for 2012 Uniform Plumbing Code – 3rd Printing

The following is a list of changes that we found after the third printing of the 2012 Uniform Plumbing Code. These changes may or may not apply to your code book. However, we do encourage you to check your code book with this list to ensure that all the changes are updated. Thank you.

Appendix I – IS 20

Table 1 The expansion loop values on CPVC for temperature changes (ΔT) of 80°F and 100°F need to be revised in accordance with ASTM D2846 and ASTM F441.

TABLE 1
CPVC Pipe SDR 11 (ASTM D 2846)
Calculated Loop (offset) Lengths with ΔT of approx. 80°F

Nominal Pipe Size	Length of Run in Feet				
	20	40	60	80	100
	Loop Length (L) in inches				
1/2"	16	23	28	33	36
3/4"	19	27	33	39	43
1"	22	31	38	44	49
1 1/4"	24	34	42	48	54
1 1/2"	26	37	45	53	59
2"	30	42	52	60	67

Assume Modulus & Stress at 160°F

CPVC Pipe Schedule 80 (ASTM F 441)
Calculated Loop (offset) Lengths with ΔT of approx. 80°F

Nominal Pipe Size	Length of Run in Feet			
	40	60	80	100
	Loop Length (L) in inches			
2 1/2"	49	61	70	78
3"	55	67	77	86
4"	62	76	87	98
6"	75	92	106	119
8"	86	105	121	135
10"	96	117	135	151

Assume Modulus & Stress at 160°F

CPVC Pipe SDR 11 (ASTM D 2846)
Calculated Loop (offset) Lengths with ΔT of approx. 100°F

CPVC Pipe Schedule 80 (ASTM F 441)
Calculated Loop (offset) Lengths with ΔT of approx. 100°F

Nominal Pipe Size	Length of Run in Feet			
	40	60	80	100
	Loop Length (L) in inches			
2 1/2"	55	68	78	87
3"	61	75	86	96
4"	69	85	98	109
6"	84	103	119	133
8"	96	117	135	151
10"	107	131	151	169

Assume Modulus & Stress at 160°F