

## Rainwater Harvesting: System Planning

**Table A.2.** Pipe inner diameter of various pipe specifications (Uni-Bell, 2001)

Nominal Diameter (in.)	Inner diameter in inches					
	Sch 40	Sch 80	SDR 26	SDR 21	SDR 13.5	(API) Flexible PVC
½	0.622	0.546			0.716	0.546
¾	0.824	0.742			0.894	0.740
1	1.049	0.957	1.195		1.121	0.960
1 ¼	1.380	1.278	1.532	1.502	1.414	
1 ½	1.610	1.500	1.754	1.720	1.618	
2	2.067	1.939	2.193	2.149	2.023	
2 ½	2.469	2.323	2.655	2.601	2.449	
3	3.068	2.900	3.230	3.166	2.982	
3 ½	3.548	3.364	-----	3.620	3.408	
4	4.026	3.826	4.154	4.072	3.834	

**Table A.3.** ASTM Standards Related to PVC pipe (CIDWT, 2008)

	Standard #
Schedule 40,80 & 120 Pipe	D1785
Threaded Fittings, Schedule 80	D2464
Plastic Fittings, Schedule 80	D2467
Plastic Fittings, Schedule 40	D2466
SDR Pipe	D2241
Solvent Cements for PVC Pipe and Fittings	D2564
Recommended Practice For Making Solvent-Cemented joints with PVC Pipe and Fittings	D2855