



SUBMITTAL FOR ATLANTA PIPE
uPVC S-1000 and S-600 SYSTEM



Scope:

This specification covers uPVC S-1000 and S-600 Solid Wall Pipe and uPVC DWV Fitting used in sanitary drain, waste and vent (DWV), sewer and storm drainage piping applications. This system is intended in non-pressure applications where the operating temperature will not exceed 140° F.



Specification:

Pipe shall be made and manufactured from virgin rigid PVC (polyvinyl chloride) vinyl compounds with a cell classification Of 12454 as identified in ASTM D 1784. All pipe and fittings shall be manufactured in the Philippines. All systems shall utilized a separate waste and vent systems.



Installation:

Installation shall comply with the latest installation instructions published or with supervision by Atlanta Industries, Inc. and shall conform to all applicable plumbing and building code requirements. Buried pipe shall be installed in accordance with ASTM D 2321. Solvent cement joints shall conform to ASTM D 2564. The system shall be protected from chemical agents not compatible with uPVC compounds. The system shall be tested after installation through leak test for 24 hours as much as possible.

WARNING! Never test with or transport/store compressed air or gas in uPVC pipe and fittings. Doing so can result in explosive failures and cause severe injury or death.



Reference Standards:

- PNS 1950:2003 : Plastic piping systems for soil and waste discharge (Low & High temp.) inside buildings – Unplasticised Polyvinyl Chloride (PVC-U)
- ASTM D 2729 : Standard Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings
- ASTM D 1784 : Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds

NOTE: Theoretical weight/s is based on a 3 meter pipe length.

NOMINAL PIPE SIZE		OUTSIDE DIAMETER	DWV S-1000 Pipe				DWV S-600 Pipe			
			WALL THICKNESS (mm)		THEORETICAL WEIGHT (kgs)		WALL THICKNESS (mm)		THEORETICAL WEIGHT (kgs)	
<i>in</i>	<i>mm</i>	<i>mm</i>	<i>min</i>	<i>max</i>	<i>min</i>	<i>max</i>	<i>min</i>	<i>max</i>	<i>min</i>	<i>max</i>
2	63	57.15	2.50	3.00	2.00	2.37	1.90	2.20	1.53	1.77
3	90	82.55	3.70	4.30	4.26	4.19	2.50	3.00	2.92	3.49
4	110	107.60	3.80	4.40	5.73	6.60	2.50	3.00	3.82	4.56