

CERTIFICATE

This is to certify that **NELTEX Development Co., Inc.** is producing **Neltex Saniline uPVC Sanitary Pipe Series 1000** with sizes 57mm, 82mm, 107mm with effective length of 3 meters.

Neltex Saniline uPVC Sanitary Pipe Series 1000 are inspected and tested in conformance to ASTM D2729 Standard Specification for Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings.

This certification is being issued for whatever legal purposes it may serve.

Neltex Development Company Incorporated



Reynaldo C. Degollado
QA Manager

TECHNICAL SPECIFICATION

PRODUCT	Neltex Saniline uPVC Sanitary Pipe Series 1000
REFERENCE STANDARD	ASTM D2729 Standard Specification for Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings

A. DIMENSIONS

Nominal Pipe Size (mm)	Outside Diameter (mm)	Wall Thickness (mm)	Effective Length (meters)
57	57.00 ~ 57.30	2.540 ~ 2.994	3
82	82.35 ~ 82.75	3.700 ~ 4.270	3
107	106.84 ~ 107.28	3.810 ~ 4.391	3

B. PHYSICAL PROPERTIES

Property	Standard Requirement	Test Method
Resistance to Acetone	No sign of delamination or disintegration after 2 hours of immersion	ISO 3472 Unplasticized Polyvinyl Chloride (PVC) Pipes – Specification and Determination of Resistance to Acetone
Resistance to External Blows (Impact Test)	True Impact Rate (TIR) shall not exceed 10% where TIR = total number of breaks / total number of blows	ISO 3127 Thermoplastic Pipes – Determination of Resistance to External Blows – Round the clock method
Flattening	No evidence of splitting, cracking or breaking when flattened to 40% of the outside diameter.	ASTM D2241 Standard Specification for Polyvinyl Chloride (PVC) Pressure Rated Pipe (SDR Series)

NELTEX

DEVELOPMENT CO., INC.

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Property	Standard Requirement		Test Method
Tensile Strength	Minimum 28 MPa		ASTM D1784 Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) compounds.
Pipe Stiffness	Pipe Size	Minimum Pipe Stiffness at 5% Deflection	ASTM D2412 Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel – Plate loading
	57mm	407 kPa	
	82mm	131 kPa	
	107mm	76 kPa	


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