



**NELTEX**  
**WATERLINE**  
S Y S T E M

Proven by EXPERIENCE





# NELTEX WATERLINE S Y S T E M

NELTEX Waterline System is your dependable and practical piping system for 6-storeys and down.

## DEPENDABLE LEAD-FREE!

- Neltex Waterline System adheres to standard quality and passed the test based on PNS 65, and tested to last for 50 years.
- Neltex Waterline fittings is designed with longer socket for leak-free lines vs other brands.
- Neltex Waterline System has a wide range of pvc pipes, pvc fittings and pvc valves and faucets.

## PRACTICAL

- Neltex Waterline System is convenient to use and user-friendly.
- Neltex Waterline System saves as much as 30% compared with PP-R.
- Neltex Waterline System requires no machine. Use NELTEX PVC Cement on joining pipes and fittings.





# LABORATORY TEST RESULTS

## DIMENSION - REFERENCE STANDARD PNS 65

PIPE SIZE	WALL THICKNESS		OUTSIDE DIAMETER		REMARKS
	STANDARD	RESULT	STANDARD	RESULT	
20mm	1.80-2.18mm	1.89-2.16mm	20.0-20.3mm	20.07-20.15mm	Passed
25mm	1.90-2.29mm	1.94-2.19mm	25.0-25.3mm	25.02-25.15mm	Passed
32mm	2.00-2.40mm	2.06-2.34mm	32.0-32.3mm	32.03-32.2mm	Passed
40mm	2.30-2.73mm	2.35-2.64mm	40.0-40.3mm	40.02-40.15mm	Passed
50mm	2.90-3.39mm	2.93-3.35mm	50.0-50.3mm	50.04-50.12mm	Passed
63mm	3.60-4.16mm	3.63-4.01mm	63.0-63.3mm	63.05-63.19mm	Passed
75mm	4.30-4.93mm	4.35-4.75mm	75.0-75.3mm	75.07-75.2mm	Passed
90mm	5.20-5.92mm	5.26-5.67mm	90.0-90.3mm	90.06-90.21mm	Passed
110mm	6.30-7.13mm	6.38-7.08mm	110.0-110.4mm	110.08-110.3mm	Passed

## RESISTANCE TO ACETONE - REFERENCE STANDARD ISO 3472

PIPE SIZE	STANDARD REQUIREMENT	RESULT	REMARKS
20-110mm	No sign of delamination or disintegration after 2 hours	No delamination or disintegration	Passed

## FLATTENING TEST - REFERENCE STANDARD ASTM D2241

PIPE SIZE	STANDARD REQUIREMENT	RESULT	REMARKS
20-110mm	No evidence of splitting, cracking or breaking when flattened to 40% of the outside diameter	No sign of splitting or cracking even when flattened to 100% of the outside diameter	Passed

## HYDROSTATIC PRESSURE - REFERENCE STANDARD ISO 1167

PIPE SIZE	STANDARD REQUIREMENT		RESULT	REMARKS
20-110mm	Burst Pressure	The pipe shall withstand 4.56 Mpa for at least 60 seconds without failure	No bursting	Passed
	Short Term Pressure	The pipe shall withstand 4.30 Mpa for at least 1 hour without failure	No bursting	Passed

## EFFECT OF MATERIALS ON WATER QUALITY - REFERENCE STANDARD PNS 65:1993

TOXIC SUBSTANCES	EXTRACTION			TEST RESULT
	1ST	2ND	3RD	
Lead (Pb), mg/L	1.00		0.05	Not Detected
Tin (Sn), mg/L			0.02	Not Detected
Mercury (Hg), mg/L	0.001	0.001	0.001	Not Detected
Cadmium (Cd), mg/L	0.01	0.01	0.01	Not Detected



# NELTEX WATERLINE SYSTEM



## WATERLINE PVC PIPE

MATERIAL CODE	SIZE	MATERIAL CODE	SIZE
10-24-00-011H	20mm	10-24-00-014	40mm
10-24-00-012H	25mm	10-24-00-015	50mm
10-24-00-013H	32mm	10-24-00-016	63mm
10-24-00-011	20mm	10-24-00-017	75mm
10-24-00-012	25mm	10-24-00-018	90mm
10-24-00-013	32mm	10-24-00-019	110mm

## WATERLINE FITTINGS

### ELBOW 90



MATERIAL CODE	SIZE
10-24-08-011	20mm x90
10-24-08-021	25mm x90
10-24-08-031	32mm x90

### TEE



MATERIAL CODE	SIZE
10-24-20-010	20mm
10-24-20-020	25mm
10-24-20-030	32mm

### COUPLING



MATERIAL CODE	SIZE
10-24-30-010	20mm
10-24-30-020	25mm
10-24-30-030	32mm

### MALE ADAPTOR



MATERIAL CODE	SIZE
10-24-62-010	20mm
10-24-62-020	25mm
10-24-62-030	32mm

### FEMALE ADAPTOR



MATERIAL CODE	SIZE
10-24-64-010	20mm
10-24-64-020	25mm
10-24-64-030	32mm

## WATERLINE VALVES & FAUCETS

### BALL TYPE FAUCET SOCKET TYPE



MATERIAL CODE	SIZE
10-TD-15-401	20mm
10-TD-15-502	25mm

### BALL TYPE FAUCET WITH HOSE BIB



MATERIAL CODE	SIZE
10-TD-15-405	20mm
10-TD-15-407	25mm

### BIBCOCK FAUCET SOCKET TYPE



MATERIAL CODE	SIZE
10-TD-15-501	20mm
10-TD-15-404	25mm

### BIBCOCK FAUCET WITH HOSE BIB



MATERIAL CODE	SIZE
10-TD-15-403	20mm
10-TD-15-406	25mm

### TRUE UNION BALL VALVE SOCKET TYPE



MATERIAL CODE	SIZE
10-TD-15-701	20mm
10-TD-15-702	25mm
10-TD-15-703	32mm
10-TD-15-710	40mm
10-TD-15-711	50mm
10-TD-15-712	63mm
10-TD-15-728	90mm
10-TD-15-729	110mm

### TRUE UNION BALL VALVE NPT THREAD

MATERIAL CODE	SIZE
10-TD-15-704	20mm
10-TD-15-705	25mm
10-TD-15-706	32mm
10-TD-15-707	40mm
10-TD-15-708	50mm
10-TD-15-709	63mm
10-TD-15-728	90mm
10-TD-15-729	110mm

### TRUE UNION CHECK VALVE



MATERIAL CODE	SIZE
10-TD-15-801	20mm
10-TD-15-802	25mm
10-TD-15-803	32mm

### COMPACT BALL VALVE NPT THREAD



MATERIAL CODE	SIZE
10-TD-15-604	20mm
10-TD-15-605	25mm
10-TD-15-606	32mm
10-TD-15-608	40mm
10-TD-15-609	50mm
10-TD-15-610	63mm
10-TD-15-611	90mm
10-TD-15-612	110mm

### FOOT VALVE NPT THREAD



MATERIAL CODE	SIZE
10-TD-15-622	20mm
10-TD-15-623	25mm
10-TD-15-624	32mm
10-TD-15-625	40mm
10-TD-15-626	50mm
10-TD-15-627	63mm

### FOOT VALVE SOCKET TYPE

MATERIAL CODE	SIZE
10-TD-15-616	20mm
10-TD-15-617	25mm
10-TD-15-618	32mm
10-TD-15-619	40mm
10-TD-15-620	50mm
10-TD-15-621	63mm

### UNION PATENTE SOCKET TYPE



MATERIAL CODE	SIZE
10-TD-15-716	20mm
10-TD-15-717	25mm
10-TD-15-718	32mm
10-TD-15-719	40mm
10-TD-15-720	50mm
10-TD-15-721	63mm

### COMPACT BALL VALVE SOCKET TYPE

MATERIAL CODE	SIZE
10-TD-15-601	20mm
10-TD-15-602	25mm
10-TD-15-603	32mm
10-TD-15-613	40mm
10-TD-15-614	50mm
10-TD-15-615	63mm
10-TD-15-730	90mm
10-TD-15-731	110mm

### UNION PATENTE NPT THREAD

MATERIAL CODE	SIZE
10-TD-15-722	20mm
10-TD-15-723	25mm
10-TD-15-724	32mm
10-TD-15-725	40mm
10-TD-15-726	50mm
10-TD-15-727	63mm

### REPAIR COUPLING/ EASY FIX REPAIR JOINT



MATERIAL CODE	SIZE
10-24-00-301	20mm
10-24-00-302	25mm
10-24-00-303	32mm



# NELTEX®

uPVC Piping System



## CORPORATE HISTORY



**1957**  
Establishment of  
NELTEX by  
Mr. Sy Yong Phao

**1990**  
Introduction of  
Guard 8055



**1967**  
Incorporation of  
NELTEX (NDCI)

**2007**  
50th Anniversary  
of NDCI



**1967**  
Introduction of  
color-coded uPVC piping  
system and its consequent  
adoption by National  
Product Standards

**2009**  
Introduction of  
Powerguard F Series  
Electrical Boxes,  
Thermoform Sewer  
fittings, Powerguard and  
Sewerguard Thinwall



**1968**  
Introduction of  
Drainage Piping

**2010**  
Introduction of  
NELTEX Valves and Faucets,  
Besser Tile Adhesives, Butaseal,  
Besser Abrasive paper



**1990**  
Introduction of "Powerlock"  
- a unique machine fixed  
seal for pressure pipes for a  
leak-free installations

**2011**  
Introduction of  
NELTEX PPR pipes  
and fittings

