

FITTING SERIES

Coupling



Specification (mm)	Inch
57	2"
82	3"
107	4"
160	6"

Elbow 45°



Specification (mm)	Inch
57	2"
82	3"
107	4"
160	6"

Elbow 90°



Specification (mm)	Inch
57	2"
82	3"
107	4"
160	6"

Tee



Specification (mm)	Inch
57	2"
82	3"
107	4"
160	6"

Wye 45°



Specification (mm)	Inch
57	2"
82	3"
107	4"
160	6"

P-Trap w/O-ring



Specification (mm)	Inch
57	2"
82	3"
107	4"
160	6"

sanitary Clean Out



Specification (mm)	Inch
57	2"
82	3"
107	4"
160	6"

Wye Reducer 45°



Specification (mm)	Inch
82×57	3"×2"
107×57	4"×2"
107×82	4"×3"
160×107	6"×4"

Tee Reducer



Specification (mm)	Inch
82×57	3"×2"
107×57	4"×2"
107×82	4"×3"
160×107	6"×4"

 LESSO Philippines Trading Inc.

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LESSO

Stock Code: 2128.HK

UPVC
SANITARY
PIPE AND
FITTING



LESSO Philippines Trading Inc.

PRODUCT INTRODUCTION

The PVC-U drainage pipes feature a belled end and can be connected using an adhesive bond. The product provides outstanding corrosion resistance and offers a lifespan far superior to cast iron pipes. With their light weight, they are easy to transport, install, and connect, making them widely used in drainage and sewage systems for civil buildings, as well as in rainwater drainage.

PRODUCT FEATURES

- The pipe surface offers outstanding hardness and tensile strength, and a high pipe safety factor.
- Good aging resistance; service life of more than 50 years.
- The pipe's friction resistance coefficient is very low, allowing water to flow smoothly; it does not block easily, requiring less maintenance.
- The material has a high oxygen index and self-extinguishing performance.
- The pipe has a small linear expansion coefficient with little deformation under the influence of temperature.
- The pipes and pipe fittings can be connected by cementing, for easy construction and operation, with outstanding installation efficiency.

PERFORMANCE INDICATORS

The performance indicators of the drainage pipes are as follows:

PIPE PERFORMANCE REQUIREMENTS

NO.	Characteristic	Performance Requirement
1	Longitudinal reversion/%	≤5
2	Falling weight impact test TIR/%	≤10
3	Acetone resistance	No sign of delamination or disintegration
4	Vicat softening temperature/°C	≥79
5	Tensile yield stress/MPa	≥40

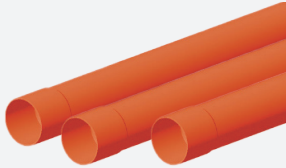
THE PERFORMANCE INDICATORS OF DRAINAGE FITTINGS ARE AS FOLLOWS

NO.	Characteristic	Technical requirement
1	Joint test	23°C, 170kpa, 24h, no leakage
2	Acetone resistance	No corrosion after soaking for 20 minutes

EXECUTION STANDARDS

- ✓ The execution standard for the drainage pipes is: PNS1950: 2010.
- ✓ The execution standard for the drainage fittings is: ASTM D2729, where the impact performance items and their pass rates are for reference only.

PIPE SERIES

Product Name	Specification (mm)	Inch	Wall thickness (mm)	Remarks
 uPVC Sanitary pipe (Hub)	57	2"	2.5	S1000 series
	57	2"	1.9	S600 series
	82	3"	3.7	S1000 series
	82	3"	2.5	S600 series
	107	4"	3.8	S1000 series
	107	4"	2.5	S600 series
	160	6"	3.2	
	200	8"	3.9	
	250	10"	4.9	
	315	12"	6.2	
	400	16"	9.8	