

BS EN-1329

Popular Pipes Group of Companies
Now Introducing

Wide Range

POPULAR
SUPERFLOW
by ppg

The Mark of Leader

POPULAR[®]
PIPES

by ppg



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CUSTOMER CARE CENTER
0320-0002082

About us:

Popular Pipes Group of Companies is the manufacturing group of companies having expertise more than four decades. Haji Sheikh M. Rafique started it as cottage industry named Popular PVC Pipe Factory in 1975. With constant dedication, devotion and firm determination of professionally committed and skilled team working with proper process of planning & future forecasting it became Popular Pipes Group of Companies.

Popular Pipes Group of Companies comprises of

<ul style="list-style-type: none">• Waheed shahzad Plastic works. (Pvt.) Ltd.• Al-Rabi International (Pvt.) Ltd.• MBN Pakistan (Pvt.) Ltd.• Popular Tape (Pvt.) Ltd.• Popular Switch Tech (Pvt.) Ltd.• Popular Water Tank (Pvt.) Ltd.• Popular Furniture (Pvt.) Ltd.• Popular Brands (Pvt.) Ltd.	MAIN PRODUCTS INCLUDING: <ul style="list-style-type: none">• Electrical conduit Pipes & Fittings• U-PVC Drainage System• U-PVC Pressure Pipes & Fittings• PPR-100 Pipes & Fittings• Cable Trunk• PVC Garden, Gas & Level Pipes• Solvent Cement & Cleaner• Water Tank• PVC Board• PE-100 Pipes & Fittings• Switch & Socket
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SUPER FLOW (U-PVC) DRAINAGE SYSTEMS

Un-Plasticized polyvinyl chloride (U-PVC) drainage Pipes & Fittings discharge inside the building structure. (Low and High Temperature)

Un-Plasticized polyvinyl chloride (U-PVC) Fittings are used for non-pressure underground drainage and sewerage.

SIZE RANGE: Pipes & Fittings 56mm, 63mm, 82mm, 90mm, 110mm & 160mm	COLOR: Grey
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DRAINAGE PIPE SYSTEMS

<ul style="list-style-type: none">• Popular Pipes produces a range of UPVC pipes for above and below ground use made from 100% virgin raw material . It has full range of fittings in solvent joint for all sizes.• The pipes are produced as per standard BS EN 1329.• Size Range from 56mm to 160mm.• Popular Pipes can provide a range of fittings from its own brand.	<ul style="list-style-type: none">• General Properties of Superflow Plastic Pipes.• It can be joint with solvent cement.• Fully compliant to the main international standards.• Tough, impact resistant.• Different lengths available 3m, 4m, 6m. Other lengths on request.• Superior chemical and acid resistance.• Outstanding mechanical properties of tensile strength.
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STANDARD BS EN-1329

POPULAR
SUPERFLOW
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FEATURES

- High Quality of finish with smooth internal and external surface.
- Provide low coefficient of flow friction.
- Excellent resistance to chemicals found in domestic effluent.
- Remain stable under elevated temperature.
- Formulated to withstand weathering effect.



ADVANTAGES

- Excellent Performance
- Chemical and Corrosion Resistance
- High Flow Capacity
- Durability and Strength
- Low Installation Costs

APPLICATION

This standard is applicable to PVC-U pipes and fittings their joints and to joints with components of other plastics (marked with "B" or "BD") intended to be used for the following purposes:

- a) Soil and waste discharge pipework for the conveyance of domestic waste waters (low and high temperature).
- b) Ventilation pipe work.
- c) Rainwater pipework within the building structure.

MECHANICAL AND PHYSICAL CHARACTERISTICS

Characteristics	Requirement	Test Method
Impact Resistance	$TIR \leq 10\%$	EN 744
Vicat Softening	$\geq 79^{\circ}\text{C}$	EN 727
Longitudinal Reversion	$\leq 5\%$	EN 743
Resistant to Dichloromethane	No attack	EN 580
Elevated Temp. Cycling	No leakage	EN 1055

BS-1329-1:2000 (DIMENSIONS IN MILLIMETERS)

Outer Diameter (mm)	Mean Outside Diameter		Wall Thickness Application Area "B"	
	(dem, min)	(dem, max)	(e.min)	(e.max)
56	55.8	56.1	3.0	3.5
63	63	63.2	3.0	3.5
82	82	82.3	3.0	3.5
90	90	90.3	3.0	3.5
110	110.0	110.3	3.0	3.5
160	160.0	160.4	3.0	3.5

Solvent Cement Jointing

Before using solvent based cleaners on cement:

Read instructions printed on the solvent cement pack.

Ensure there is sufficient ventilation.

Make sure pipe or fitting spigot and solvent weld socket are dry, clean and free from grit or dust.

Clean surfaces of spigot and socket with Popular cleaner. Apply liberally using a clean non synthetic rag or absorbent paper.

Apply one coat of Popular Solvent Cement. Apply an even coat to both surfaces using the applicator provided or a paint brush. Stroke the cement along and not around the surfaces.

Immediately insert pipe or fitting spigot fully into the socket. Each solvent weld joint MUST be completed within 1 ½ minutes.

Hold for 20-30 seconds. Remove any surplus cement from the mouth of the socket.

Cleaner/Solvent Cement usage guide (approx.) for Solvent Weld Joint

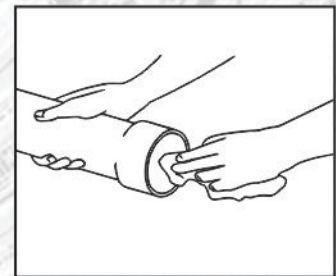
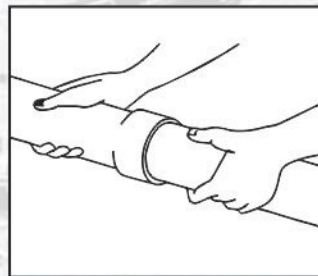
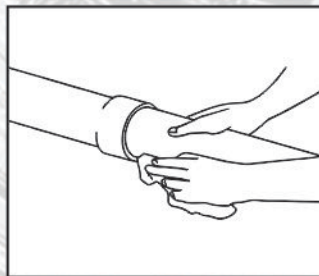
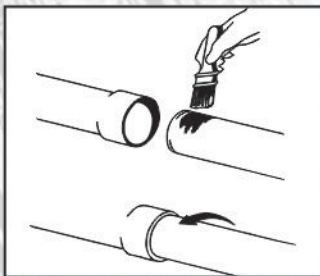
Description	Nominal Pipe Sizes / Number of Joints					
	56mm	63mm	82mm	90mm	110mm	160mm
Cleaner 250 ml	60	50	40	36	32	20
Solvent 250 ml	40	30	18	15	12	6
Solvent 500 ml	80	60	36	30	24	12

Note: Above information about number of joint is approximate for ideal conditions the quantity may vary due to working and ambient conditions.

SAFETY:

When making solvent weld joints it is essential to observe normal safety rules for handling solvent:

- Never smoke or bring naked flames near the area of work.
- Work in a well ventilated area to avoid inhaling fumes.
- Close the solvent container after use and store in a cool area.
- Do not allow solvents or cleaners to come into contact with skin.
- Refer to local safety regulations and guidelines where applicable.

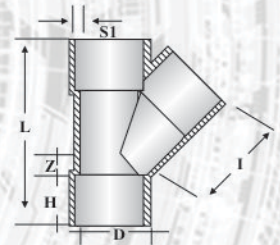


END CAP

Nominal Size mm	Size mm		
56	27.5		
63	36.5		
82	43.5		
90	46.5		
110	48.5		
160	58.5		

YEE

Nominal Size mm	Size mm	Size mm	
56	29	141.5	
63	38.5	170	
82	46	212.5	
90	49	230.5	
110	51.5	264.5	
160	61.5	358	

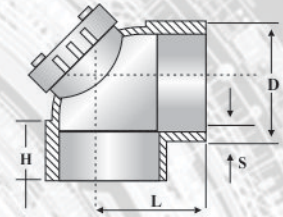


FLOOR TRAP

Nominal Size mm	Size mm	Size mm	Size mm
110x82	15	94.7	135
160x110	15	120	170
110x90	15	94.7	135

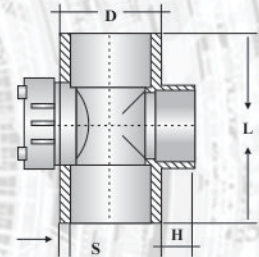
PLUG ELBOW

Nominal Size mm	Size mm	Size mm	
82	46	93.75	
90	49	103.75	
100	51.5	116	
160	61.5	150	



PLUG TEE

Nominal Size mm	Size mm	Size mm	Size mm
82	46	101.6	186
90	49	108.87	201
110	51.5	121.43	228.5
160x110	61.5	145.0	282
160	61.5	160.29	307



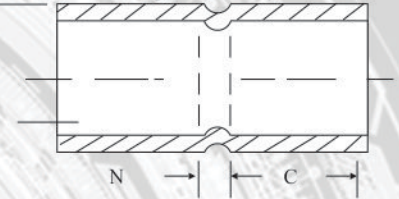
SAFAN

Nominal Size mm	Size mm	Size mm	
63	38.4	97.5	
82	45.88	122.5	
90	48.88	132.5	
110	51.32	153	

COUPLING

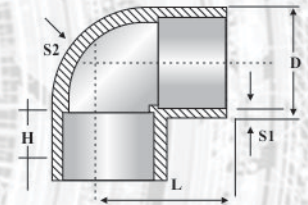
Nominal Size mm	Size mm	A	
56	53	3	
63	76	3	
82	91	4	
90	98	5	
110	103	6	
160	125	8	

2. Register Couplers



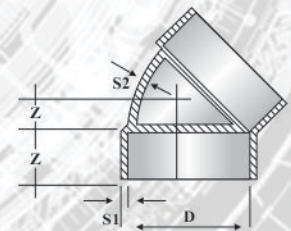
EBLOW 9- DEGREE

Nominal Size mm	Size mm		
56	29	65.25	65.25
63	38.5	80.5	80.5
82	46	93.75	93.75
90	49	103.75	103.75
110	51.5	116	116
160	61.5	150	150



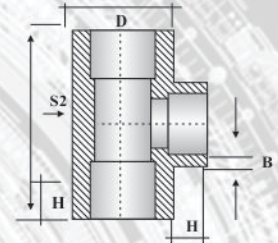
ELBOW 45 DEGREE

Nominal Size mm	Size mm		
56	29	47.25	47.25
63	38.5	59.5	59.5
82	46	58.75	68.75
90	49	74.75	74.75
110	51.5	81	81
160	61.5	102	102



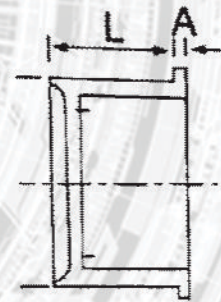
TEE

Nominal Size mm	Size mm		
56	29	66.68	122
63	38.5	81.51	149.5
82	46	101.06	186
90	49	108.87	201
110	51.5	121.43	228.5
160	61.5	160.29	307



REDUCER BUSH

Nominal Size mm	Size mm		
56x63	36	4.5	
56x82	43	4.5	
56x90	46	4.5	
56x110	48	4.7	
63x82	43	4.5	
63x90	46	4.5	
63x110	48	4.7	
82x90	46	4.5	
82x110	48	4.7	
90x110	48	4.7	
110x160	58	5	





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