

**POPULAR**<sup>TM</sup>

Pipes Group of Companies





الله أكبر





**POPULAR**<sup>TM</sup>

شركة  
**POPULAR**<sup>TM</sup>  
Pipes Group of Companies

**POPULAR**<sup>TM</sup>  
Pipes Group of Companies



# WORDS

## OF THE FOUNDING FATHER

Pipe Industry in Pakistan was  
Revolutionized in  
1975 by the Vision of  
Late Haji Muhammad Rafiq.

“

Pipe is an element of great significance in the construction industry but it lacks the desired & required quality. Hence, there is a need to introduce high quality pipes in the construction sector as the idea is to change the value system as a whole.

”

– Late Haji Muhammad Rafiq (RA)



# Who Are We?

Popular Pipes Group of Companies is winning trust & confidence of Pakistanis from last 5 Decades and is a living example of Industrial Development in Pakistan. The Company was registered in 1975 by the Founding Father of the Group, Mr. Sheikh M. Rafiq (late) with a vision to change the value system of the industry as a whole. Using latest technology of the time & benchmarking international standards, Popular Pipes got registered as a Brand. Currently, the Company is led by the visionary CEO of Group Mr. Abdul Waheed.

Today, PPG is not only the Largest Group in the pipe industry but also a Manufacturing Leader who is manufacturing a wide range of products under the brand name Popular Pipes for industrial and domestic customers. Having more than 20 Distribution Setups & 3000 Dealers nationwide, we can proudly claim to be leading and setting trends in the piping industry.

Company's production departments located at Sundar Industrial Estate, Lahore are producing standardized and top quality products using state of the art facilities and latest technology under the supervision of highly qualified engineers and experts.

Popular Pipes today is known for exceeding consumer's expectations with its uncompromising quality.



# PAKISTAN'S MOST **POPULAR**<sup>TM</sup> CHOICE





WHAT  
MAKES US THE MOST  
**POPULAR**<sup>TM</sup>





# VISION

The purpose of this Organization is to present an exemplary model of Prophet (PBUH) to the people while trying to revive the way of life in all matters, so that people from all respective fields of life should make their working style as our **Prophet (PBUH)** did.





# MISSION

To Bring Newer Piping Technologies  
and Continuous Innovation for a  
Sustainable Pakistan.



# VALUES

Integrity  
Honesty  
Innovation  
Commitment  
Quality



INDUCTION INTO **TOP**



PERFORMING COMPANIES  
OF **PAKISTAN**





**POPULAR**  
Pipes Group of Companies

**Best  
Performance**

**LCCI Business Award**

**2021-22**



# Thank You

To All Who Make Us The Most

**POPULAR** Choice  
Pipes Group of Companies

## BRAND OF THE YEAR AWARD 2021

In UPVC Pipes & Fittings



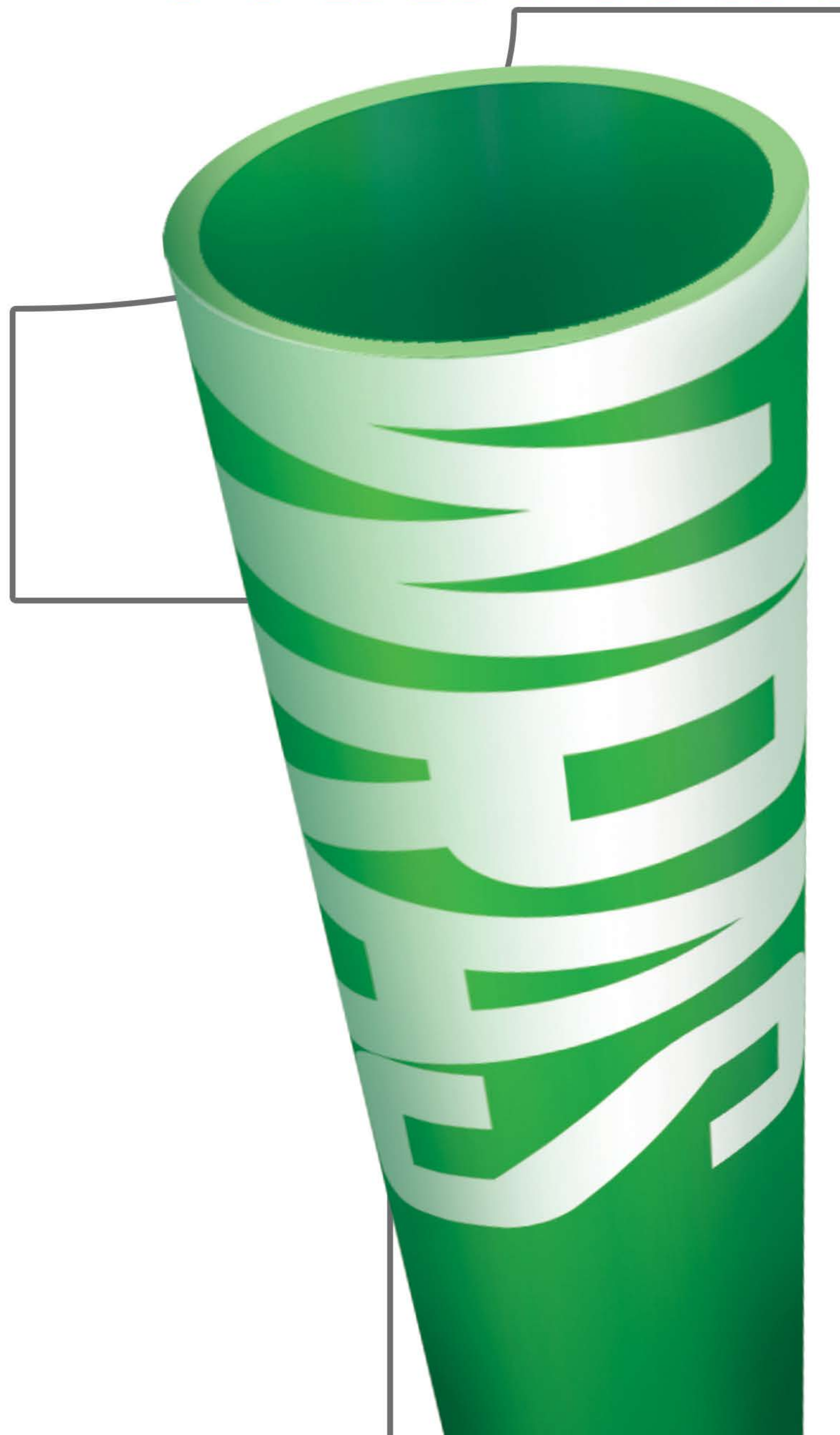


# Water Tank





# PAKISTAN



**st**  
INTERNATIONALLY  
**CERTIFIED**  
PPR MANUFACTURER

 **WRAS**  
CERTIFIED



# ONLY EXPORTER OF PVC PRODUCTS FROM PAKISTAN TO



Popular Pipes Group of Companies is the Pride of Pakistan as it is the **ONLY** PVC Products Manufacturer to Export to the UK. Our wide range of innovative products, created using extensive industry know-how & coupled with the latest technology to assure world-class quality make us the **Most Popular Choice** in Pakistan & eligible for the International market.





# THE JOURNEY OF BECOMING PAKISTAN'S MOST POPULAR CHOICE

## MULTIPLE BRAND OF THE YEAR AWARDS

**1975**

POPULAR  
PVC PIPE  
FACTORY

**2008**

BRAND OF  
THE YEAR  
AWARD

BRAND ICON  
OF THE YEAR  
AWARD

**2013**

POPULAR  
PIPES GROUP  
OF COMPANIES

BRAND OF  
THE YEAR  
AWARD

**2020**

ONLY PVC PRODUCTS  
MANUFACTURER  
TO EXPORT TO THE UK

**2021**

WRAS  
PAKISTAN'S 1<sup>ST</sup>  
INTERNATIONALLY  
CERTIFIED BRAND

INDUCTION  
INTO TOP 100  
PERFORMING  
COMPANIES OF  
PAKISTAN

SUCCESSFUL  
RE-BRANDING OF  
POPULAR

LCCI GOLD  
ACHIEVEMENT  
AWARD 2021

**2022**

CONSUMERS  
CHOICE BRAND  
AWARD

LCCI BUSINESSMAN  
OF THE YEAR  
AWARD 2022







Company's production department located at Sundar Industrial Estate, Lahore is producing standardized & top quality products using state of the art facility and latest technology under the supervision of qualified engineers and experts.



# PRODUCT DIRECTORY





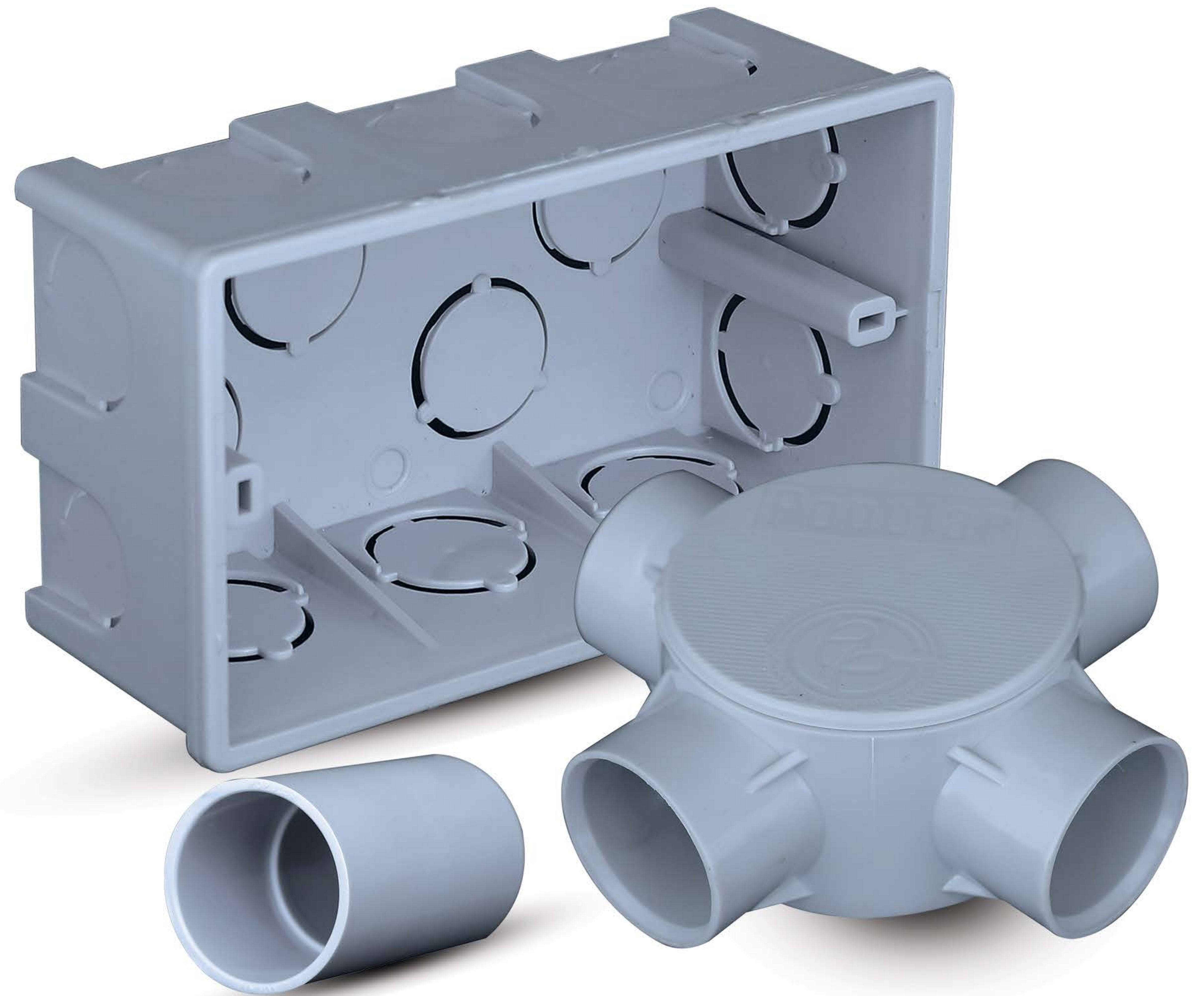


# Electrical Conduit Pipes & Fittings

PS-1905 Equivalent to BS-6099

## Salient Features

Prevent Electrical Shocks  
High Mechanical Strength  
Self Extinguishing





# Electrical Conduit Pipes & Fittings

## PS-1905 Equivalent to BS-6099

Nominal Size (Inches)	Outer Dia		Length	Wall Thickness	
	Min	Max		Min	Max
½"	17.2	17.5	10 (ft.)	1.0	1.2
¾"	21.2	21.5	10 (ft.)	1.1	1.3
1"	26.6	26.9	10 (ft.)	1.2	1.4
1 ¼"	33.4	33.7	10 (ft.)	1.4	1.7
			13 (ft.)		
1 ½"	42.2	42.5	10 (ft.)	1.6	1.8
			13 (ft.)		
2"	60.2	60.5	10 (ft.)	1.7	1.9
			13 (ft.)		
3"	88.7	89.10	10 (ft.)	1.8	2.0
			13 (ft.)		
4"	114.1	114.5	10 (ft.)	1.9	2.1
			13 (ft.)		
5"	140	140.4	10 (ft.)	2.7	3.1
			13 (ft.)		

### SALIENT FEATURES

- Non Corrosive.
  - Smooth Inner & Outer Surface.
  - Resistant to most Acids and Chemicals.
  - Free from Decomposition.
  - Easy to Install by way of Push fit & Cold Bending.
  - Low Labor Cost.
  - Non Conductor of Electricity and prevent Electrical shocks.
- High mechanical strength for buried and open applications.
  - Non corrosive in nature and immune to Chemical and Galvanic corrosion.
  - Do not support combustion and are self-extinguishing.
  - Easy to handle, light weight, install and transport.
  - Smooth inner surface for easy wiring.
  - Flexibility for long radius bending.
  - Long lasting life.



# POPULAR<sup>TM</sup>

## PPR-100 Pipes & Fittings

(DIN 8077/8078 DIN 16962, EN ISO 15874)



Size Range:  
20mm - 110mm





# PPR 100 Pipes & Fittings

(DIN 8077/8078 DIN 16962, EN ISO 15874)

## Hot & Cold Water Distribution System

## Allowable Operating Pressure

OUTER DIAMETER		PN-16 Wall Thickness		PN-20 Wall Thickness		PN-25 Wall Thickness	
MIN. mm	MAX. mm	MIN. mm	MAX. mm	MIN. mm	MAX. mm	MIN. mm	MAX. mm
20	20.3	2.8	3.3	3.4	4.0	4.1	4.8
25	25.3	3.5	4.1	4.2	4.9	5.1	5.9
32	32.3	4.4	5.1	5.4	6.2	6.5	7.4
40	40.4	5.5	6.3	6.7	8.6	8.1	9.2
50	50.5	6.9	7.8	8.3	9.4	10.1	11.4
63	63.6	8.6	9.7	10.5	11.8	12.7	14.2
75	75.7	10.4	11.3	12.5	13.9	14.3	16.1
90	91	12.3	13.1	15	16.7	N/A	N/A
110	111	15.1	15.3	18	18.3	N/A	N/A

TEMPE- RATURE	TIME OF SERVICE	PN-16		PN-20		PN-25	
		ALLOWABLE OPERATING PRESSURE					
*C	YEARS	BAR	PSI	BAR	PSI	BAR	PSI
20	100	19.9	288.6	25.0	362.5	31.5	456.8
30	100	16.8	243.6	21.1	306.0	26.6	385.7
40	100	14.1	204.5	17.8	258.1	22.4	324.8
50	100	11.8	171.1	14.9	216.1	18.8	272.6
60	50	10.2	147.9	12.9	187.1	16.2	234.9
70	50	6.7	97.2	8.5	123.3	10.7	155.2
80	25	5.1	74.0	6.5	94.3	8.1	117.5



# **POPULAR**<sup>TM</sup>

## **U-PVC NON Pressure**

### **PIPES & FITTINGS**

**0 Class BS-3506**

## **Salient Features**

Long Life  
High Mechanical Strength  
Non-Corrosive  
Pressure Rated





**U-PVC NON PRESSURE – 0 CLASS BS-3506**

Nominal Size (Inches)	Mean Outside Diameter		Class O (non pressure)	
	min	max	Individual Value	
			min	max
	mm	mm	mm	mm
1 ½"	48.1	48.4	1.8	2.2
2"	60.2	60.5	1.8	2.2
2 ½"	75.0	75.3	1.8	2.2
3"	88.7	89.1	1.8	2.2
4"	114.1	114.5	2.3	2.8
5"	140.0	140.4	2.6	3.1
6"	168.0	168.5	3.1	3.7
7"	193.5	194.0	3.1	3.7
8"	218.8	219.4	3.1	3.7
9"	244.1	244.8	3.1	3.7
10"	272.6	273.4	3.1	3.7
12"	323.4	324.3	3.1	3.7



# **POPULAR**<sup>TM</sup>

## **U-PVC SDR Series**

(ASTM D-2241 & ASTM D-2466, SDR Series)

Size Range: 3/4" - 8"





U-PVC SDR SERIES

POPULAR UPVC SDR SERIES PIPES & FITTINGS AS PER ASTM D-2241 & ASTM D-2466, SDR Series

Nominal Size	Outer Diameter		SDR 64 (4.3 bar)		SDR 41 (6.9 bar)		SDR 32.5 (8.6 bar)		SDR 26 (11.0 bar)		SDR 21 (13.8 bar)		SDR 17 (17.2 bar)		SDR 13.5 (21.7 bar)	
INCH	MIN.	MAX.	WALL THICKNESS													
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
¾"	26.57	26.77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.52	2.03	1.57	2.08	1.98	2.49
1"	33.27	33.53	N/A	N/A	N/A	N/A	N/A	N/A	1.52	2.03	1.60	2.11	1.96	2.46	2.46	2.97
1¼"	42.03	42.29	N/A	N/A	N/A	N/A	1.53	2.03	1.63	2.13	2.01	2.52	2.49	3.00	3.12	3.63
1½"	48.11	48.41	N/A	N/A	N/A	N/A	1.52	2.03	1.85	2.36	2.29	2.79	2.84	3.35	3.58	4.09
2"	60.17	60.47	N/A	N/A	N/A	N/A	1.85	2.36	2.31	2.82	2.87	3.38	3.56	4.06	4.47	4.98
3"	88.70	89.10	N/A	N/A	2.16	2.67	2.74	3.25	3.43	3.94	4.24	4.75	5.23	5.87	6.58	7.37
4"	114.07	114.53	1.78	2.29	2.79	3.30	3.51	4.01	4.39	4.90	5.44	6.10	6.73	7.54	8.46	9.48
5"	141.05	141.55	2.21	2.72	3.45	3.96	4.34	4.87	5.44	6.13	6.73	7.54	8.31	9.30	10.46	11.70
6"	168.00	168.50	2.64	3.15	4.11	4.62	5.18	5.79	6.48	7.27	8.03	8.90	9.91	11.10	12.47	13.97
8"	218.70	219.46	3.43	3.94	5.33	5.97	6.73	7.54	8.43	9.45	10.41	11.66	12.90	14.45	N/A	N/A
10"	272.6	273.4	4.20	4.70	6.70	7.60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12"	323.4	324.3	5.00	5.60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

SALIENT FEATURES

- Non Corrosive

■ Non Flammable

■ Durable
- Glossy & Pleasant Look

■ Long Lasting

■ Light Weight
- Insect & Mice Proof

■ Free from decomposition

■ Resistant to most Chemicals & Acids



# POPULAR<sup>TM</sup>

## Soil Waste and Vent System

(BS EN-1329/DIN 8062)

PROUDLY  
EXPORTING  
TO THE 

### Salient Features

Low Cost Installation  
Export Quality  
High Flow Rate  
Durable





## **BS EN-1329/DIN 8062 DRAINAGE SYSTEM**

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

## **ADVANTAGES**

- Excellent Performance
- Chemical and Corrosion Resistant
- High Flow Capacity
- Durability and Strength
- Low Installation Cost

## **WHITE / BLACK / OLIVE GREY**

- 32mm, 40mm, 56mm, 63mm, 82mm, 90mm, 110mm & 160mm



# **POPULAR**<sup>TM</sup>

## **HDPE-100 Pipes & Fittings**

(ISO 4427, DIN 8074/8075 & PS 3580)

**Size Range:**  
20mm - 450mm

### **Salient Features**

- Cost saving solution
- Leak free joints
- High fatigue resistance
- Light weight
- Ease of joining
- Durability
- Excellent flow characteristics
- Robust for extreme weather
- Tear and pressure resistant
- Low flow noise
- Non-toxic
- Suitable for radioactive waste
- Wider operating temperature range (-30C to+ 60C)





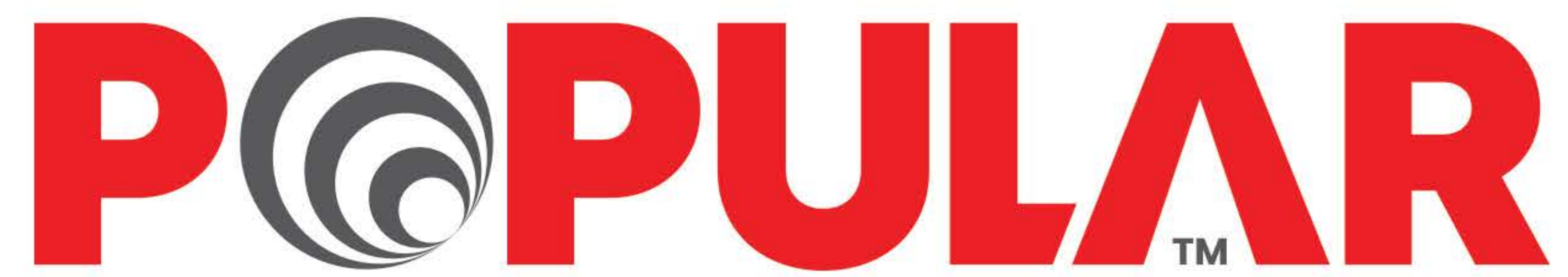
## HDPE-100 PIPES & FITTINGS

POPULAR HDPE PIPES with range of sizes as per ISO 4427, DIN 8074/8075 & PS 3580 standards.

The details of all available sizes are as under:

Dimension Ratio	SDR 21	SDR 17	SDR 13.6	SDR 11
	PN8	PN10	PN12.5	PN16
OUTSIDE DIAMETER (mm)	Wall Thickness (mm)	Wall Thickness (mm)	Wall Thickness (mm)	Wall Thickness (mm)
20	N/A	N/A	N/A	2.0
25	N/A	1.8	2.0	2.3
32	N/A	2.0	2.4	3.0
40	2.0	2.4	3.0	3.7
50	2.4	3.0	3.7	4.6
63	3.0	3.8	4.7	5.8
75	3.6	4.5	5.6	6.8
90	4.3	5.4	6.7	8.2
110	5.3	6.6	8.1	10.0
125	6.0	7.4	9.2	11.4
140	6.7	8.3	10.3	12.7
160	7.7	9.5	11.8	14.6
180	8.6	10.7	13.3	16.4
200	9.6	11.9	14.7	18.2
225	10.8	13.4	16.6	20.5
250	11.9	14.8	18.1	22.7
280	13.4	16.6	20.6	25.4
315	15.0	18.7	23.2	28.6
355	16.9	21.1	26.1	32.2
400	19.1	23.7	29.4	36.3
450	21.5	26.7	33.1	40.9





## U-PVC Pressure Rated Pipes & fittings

(B, C, D & E Class)

(BS-3505 equivalent to PS-3051/91)

Size Range:  
3/4" – 14"

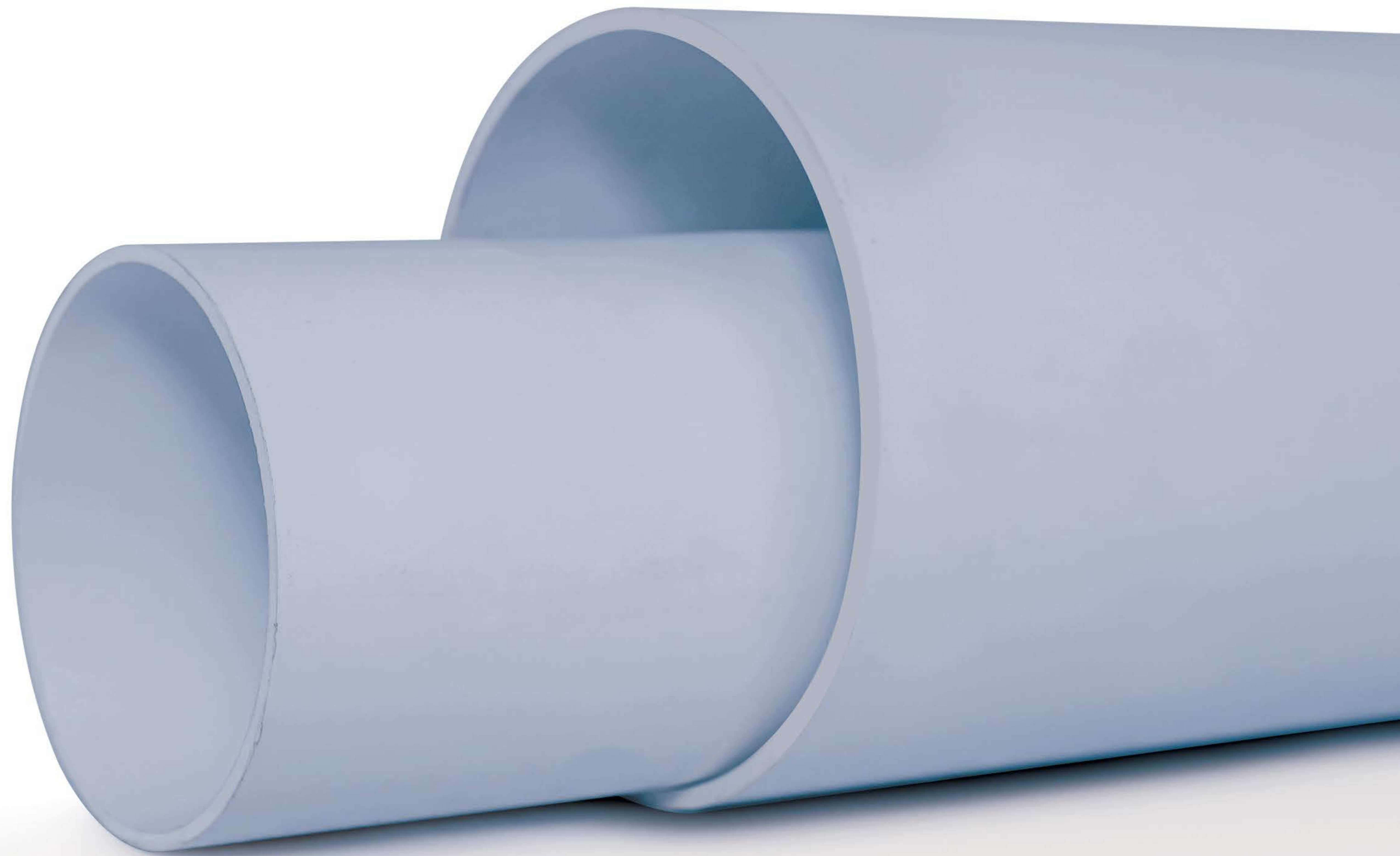
### Salient Features

Long Life

High Mechanical Strength

Non Corrosive

Pressure Rated





U-PVC PRESSURE RATED PIPES & FITTINGS

POPULAR PIPE AS PER BS-3505 EQUIVALENT TO PS-3051/91

Nominal Size	MEAN OUTSIDE DIAMETER		WALL THICKNESS							
			Class-B (6-Bar)		Class-C (9- Bar)		Class-D (12-Bar)		Class-E (15 bar)	
INCH	MIN.	MAX.	Individual Value		Individual Value		Individual Value		Individual Value	
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX
Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
3/8"	17.0	17.3	N/A	N/A	N/A	N/A	N/A	N/A	1.5	1.9
1/2"	21.2	21.5	N/A	N/A	N/A	N/A	N/A	N/A	1.7	2.1
3/4"	26.6	26.9	N/A	N/A	N/A	N/A	N/A	N/A	1.9	2.5
1"	33.4	33.7	N/A	N/A	N/A	N/A	N/A	N/A	2.2	2.7
1 1/4"	42.1	42.4	N/A	N/A	N/A	N/A	2.2	2.7	2.7	3.2
1 1/2"	48.1	48.4	N/A	N/A	N/A	N/A	2.5	3.0	3.1	3.7
2"	60.2	60.5	N/A	N/A	2.5	3.0	3.1	3.7	3.9	4.5
2 1/2"	75.0	75.3	N/A	N/A	3.0	3.5	3.9	4.5	4.8	5.5
3"	88.7	89.1	2.9	3.4	3.5	4.1	4.6	5.3	5.7	6.6
4"	114.1	114.5	3.4	4.0	4.5	5.2	6.0	6.9	7.3	8.4
5"	140.0	140.4	3.8	4.4	5.5	6.4	7.3	8.4	9.0	10.4
6"	168.0	168.5	4.5	5.2	6.6	7.6	8.8	10.2	10.8	12.5
7"	193.5	194.0	5.2	6.0	7.7	8.9	10.1	11.7	12.4	14.3
8"	218.8	219.4	5.3	6.1	7.8	9.0	10.3	11.9	12.6	14.5
9"	244.1	244.8	5.9	6.8	8.7	10.0	11.5	13.3	14.1	16.3
10"	272.6	273.4	6.6	7.6	9.7	11.2	12.8	14.8	15.7	18.1
12"	323.4	324.3	7.8	9.0	11.5	13.3	15.2	17.5	18.7	21.6
14"	355.0	356.0	8.5	9.8	12.6	14.5	16.7	19.2	20.5	23.6

MAXIMUM SUSTAINED WORKING & FIELD TEST PRESSURE

WORKING PRESSURE				TEST PRESSURE			
CLASS	BAR	Kgf/Cm <sup>2</sup>	lbf/in <sup>2</sup>	CLASS	BAR	Kgf/Cm <sup>2</sup>	lbf/in <sup>2</sup>
B	6	6.12	87	B	9	9.18	130
C	9	9.18	130	C	12	13.77	195
D	12	12.25	173	D	15	18.38	259
E	15	15.30	217	E	18	22.95	325





## Cable Trunking Systems

(IEC 61084-2-1)

Size Range:  
16x16mm - 60x60mm

### Salient Features

Flexibility  
High Mechanical Strength  
Light Weight  
Non-Flammable  
Easy to Install





# POPULAR<sup>TM</sup>

## Switch & Socket

Pro White Series

IEC 60069-1 / IEC 60884-1

## Salient Features

Virgin Poly carbonate material

International Standard

Best Quality Copper and Brass Infrastructure

Durable due to Powder Coated metal Frame

Easy to install and electrical shock proof

Long lasting durable, pleasant look

Environment Friendly

**The Safe Way is  
The Best Way**





# POPULAR<sup>TM</sup>

## Cables

Choose The Right **"Save Electricity"**

British Standards / IEC Specifications

BS - 2004

BS - 6360

BS - 6004

IEC - 60228

BS - 3360

## Salient Features

Excellent Corrosion Resistant

Full Gauge

Premium Quality PVC Coating

Fire Retardant

99.99% Pure Copper Cable





# POPULAR CABLES

## PVC INSULATED, NON-SHEATED GENERAL PURPOSE CABLE

Conductor - Class 1 Copper, solid, or class 2 copper, stranded, as indicated below  
Insulation - PVC type TI 1  
Colors - Red, Yellow, Blue, Green, Black, White

Nominal cross sectional area (mm²)	Class Of Conductor	Number and nominal diameter (mm)	Nominal conductor diameter (mm)	D.C.R at 20°C Ω/KM	Nominal Copper Weight (Kg/Km)		Radial thickness of insulation (mm)	Mean overall diameter		Approx cable weight Kg/Km	Current Rating (Amp)		Voltage Drop mV/A/m
					Solid	Stranded		Lower Limit (mm)	Upper limit (mm)		Single Phase	Three Phase	
0.5	1	1/0.80	0.8	36.00	4.50	N/A	0.60	1.90	2.30	7.7028	11	9	76
0.5	2	7/0.31	0.93		N/A	4.80	0.60	2.00	2.40	8.1912			
0.75	1	1/0.97	0.97	24.50	6.60	N/A	0.60	2.10	2.50	10.1796	15	12	62
0.75	2	7/0.37	1.11		N/A	6.90	0.60	2.20	2.60	10.668			
1	1	1/1.13	1.13	18.10	9.00	N/A	0.60	2.20	2.70	12.9564	19	15	44
1	2	7/0.44	1.32		N/A	9.70	0.60	2.30	2.80	13.8448			
1.5	1	1/1.38	1.38	12.10	13.30	N/A	0.70	2.60	3.20	18.795	24	18	29
1.5	2	7/0.53	1.59		N/A	14.00	0.70	2.70	3.30	19.7148			
2.5	1	1/1.77	1.77	7.41	21.90	N/A	0.80	3.20	3.39	28.40608	32	26	18
2.5	2	7/0.67	2.01		N/A	22.40	0.80	3.30	4.00	30.4384			
4	1	1/2.24	2.24	4.61	35.00	N/A	0.80	3.60	4.40	44.0432	42	34	11
4	2	7/0.85	2.55		N/A	36.10	0.80	3.80	4.60	45.6456			
6	1	1/2.74	2.74	3.08	52.40	N/A	0.80	4.10	5.00	62.9504	54	44	7.3
6	2	7/1.04	3.12		N/A	54.00	0.80	4.30	5.20	65.0528			
10	1	1/3.56	3.56	1.83	88.40	N/A	1.00	5.30	6.40	105.356	73	61	4.4
10	2	7/1.35	4.05		N/A	90.80	1.00	5.60	6.70	108.698			
16	1	1/4.48	4.48	1.15	140.00	N/A	1.00	6.32	6.48	157.2072	98	82	2.8
16	2	7/1.70	5.1		N/A	145.00	1.00	6.40	7.80	166.352			



# **POPULAR**<sup>TM</sup>

## **PVC Board**

**Size Range: 3mm - 30mm**

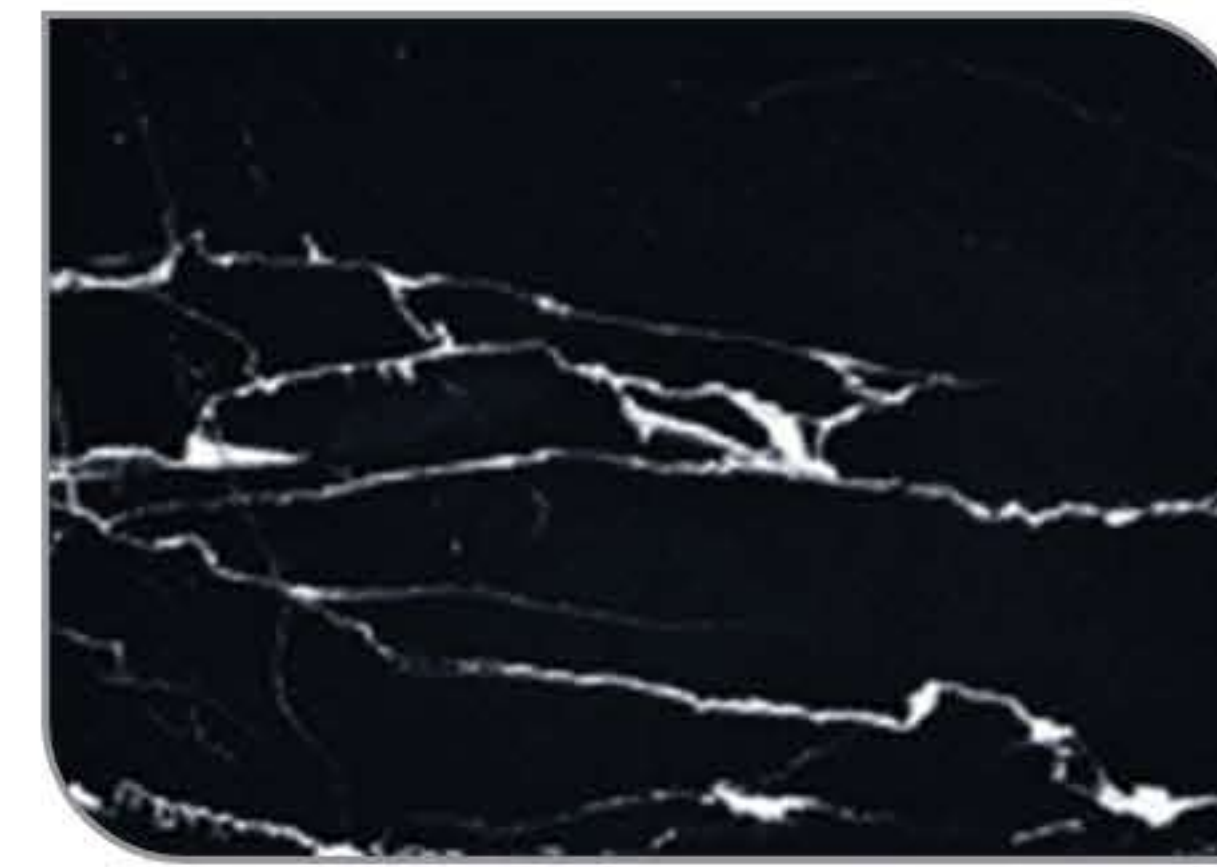
## **Salient Features**

Termite Proof  
Water & Moisture Proof  
Light Weight  
Fire Retardant  
Complete Wall Thickness  
Close Cells





# LAMINATION



LAM-1002



LAM-1003



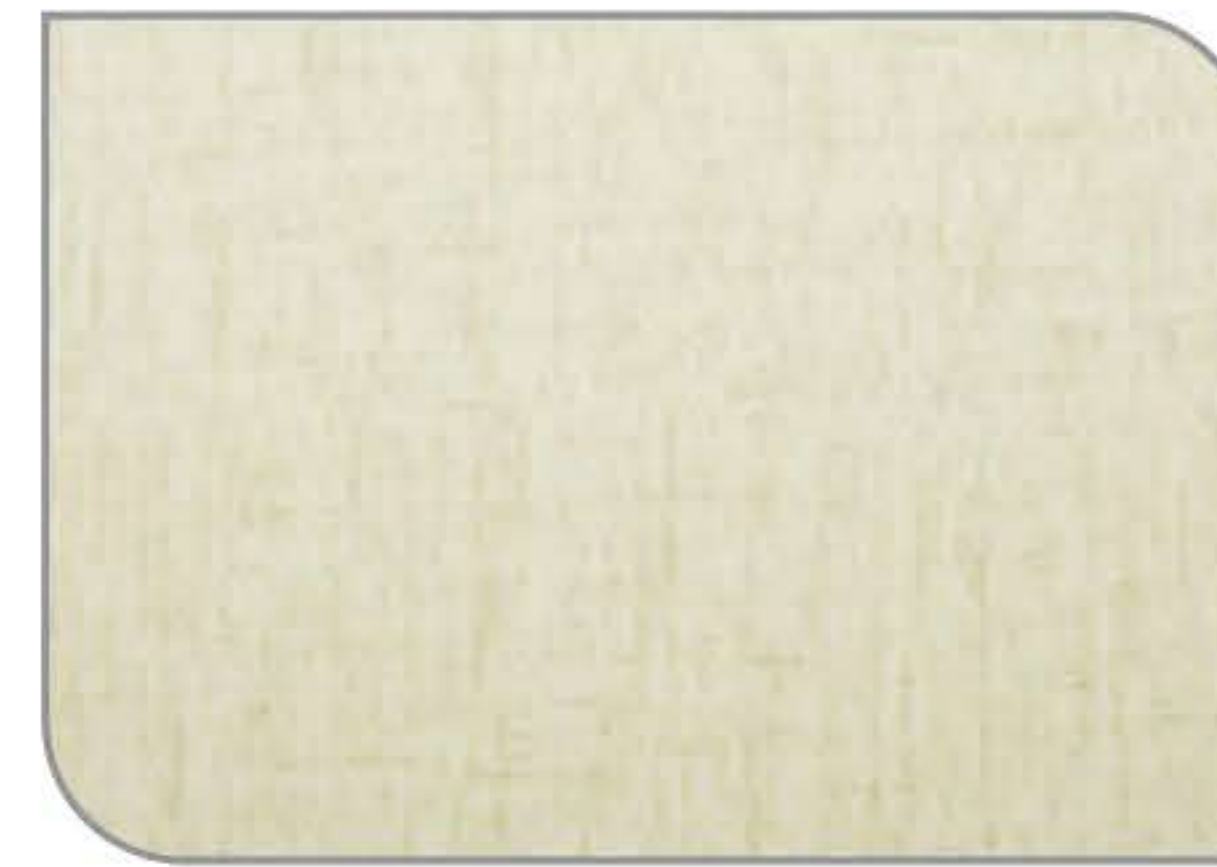
LAM-1004



LAM-1017



LAM-1021



LAM-1022



LAM-1025



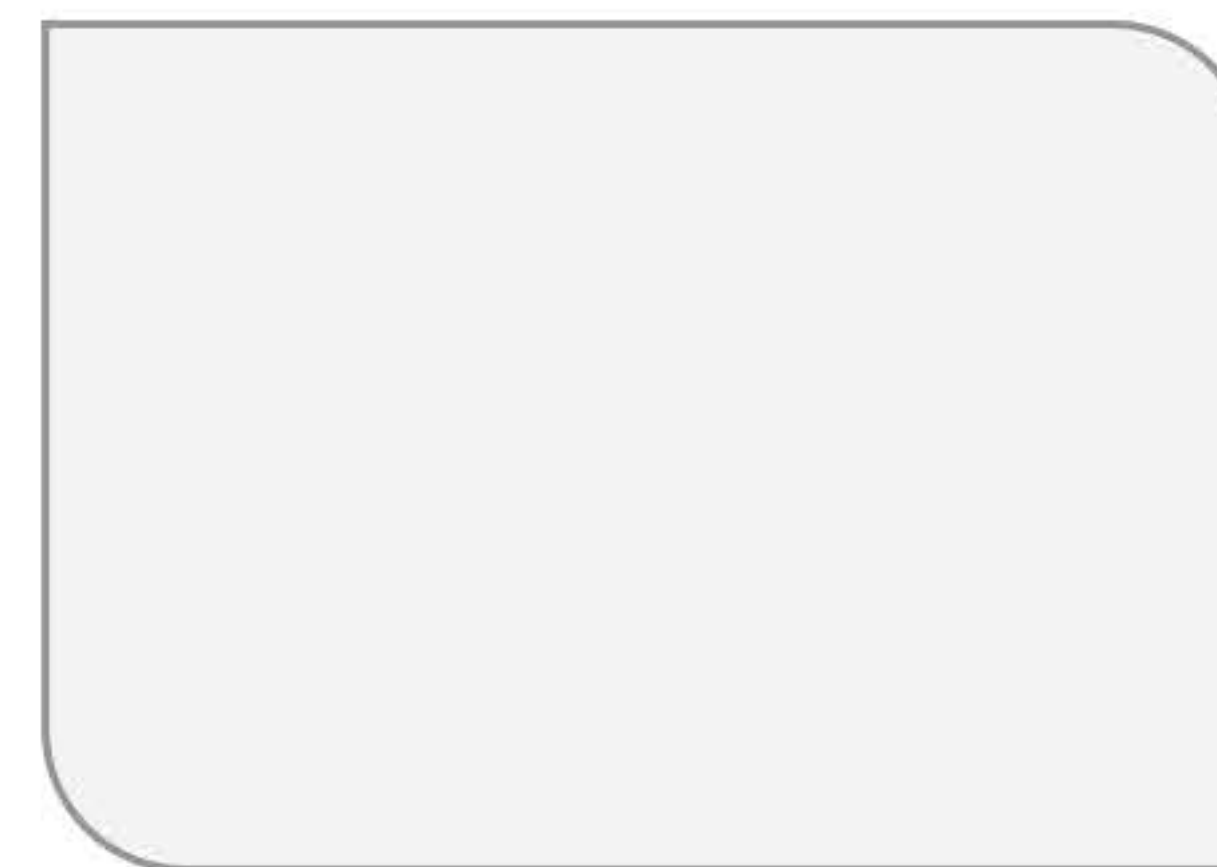
LAM-1026



LAM-1005



LAM-1006



LAM-1007



LAM-1008



LAM-1009



LAM-1030



LAM-1032



LAM-1035



LAM-1012



LAM-1013



LAM-1014



LAM-1015



LAM-1016



# POPULAR<sup>TM</sup>

## PEX Pipes & Fittings

As Per F-876

### Salient Features

- No Corrosion
- Taste and Smell Neutrality
- Easy Handling due to Less Weight and Flexibility
- Good Chemical Resistance
- High and Low Operating Temperatures
- Hygiene Requirement Compliance
- Long Term Service Life





# POPULAR PEX PIPES & FITTINGS

## As Per F-876

This standard is issued under the fixed designation F 876; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (e) indicates an editorial change since the last revision or reapproval.

TABLE 3 Wall Thickness and Tolerances for PEX SDR 9 Plastic Tubing<sup>A</sup>

Nominal Tubing		Minimum Wall Thickness		Tolerance	
in.	mm	in.	mm	in.	mm
1/8	3	0.047 <sup>B</sup>	1.19 <sup>B</sup>	+0.007	+0.18
1/4	7	0.062 <sup>B</sup>	1.57 <sup>B</sup>	+0.010	+0.25
5/16	8	0.064	1.63	+0.010	+0.25
3/8	10	0.070 <sup>B</sup>	1.78 <sup>B</sup>	+0.010	+0.25
1/2	13	0.070 <sup>B</sup>	1.78 <sup>B</sup>	+0.010	+0.25
5/8	16	0.083	2.12	+0.010	+0.25
3/4	19	0.097	2.47	+0.010	+0.25
1	25	0.125	3.18	+0.013	+0.33
1 1/4	32	0.153	3.88	+0.015	+0.38
1 1/2	38	0.181	4.59	+0.019	+0.48
2	51	0.236	6.00	+0.024	+0.61
2 1/2	64	0.292	7.41	+0.030	+0.76
3	76	0.347	8.82	+0.033	+0.84
3 1/2	89	0.403	10.23	+0.035	+0.89
4	102	0.458	11.64	+0.040	+1.02
4 1/2	114	0.514	13.05	+0.045	+1.14
5	127	0.569	14.46	+0.050	+1.27
6	152	0.681	17.29	+0.060	+1.52

TABLE 2 Outside Diameters and Tolerances for PEX Tubing

Nominal Tubing Size		Average Outside Diameter		Tolerances for Average Diameter		Out-of-Roundness <sup>A</sup>	
in.	mm	in.	mm	in.	mm	in.	mm
1/8	3	0.250	6.35	6 0.003	6 0.08	0.008	0.20
1/4	7	0.375	9.52	6 0.003	6 0.08	0.008	0.20
5/16	8	0.430	10.92	6 0.003	6 0.08	0.008	0.20
3/8	10	0.500	12.70	6 0.003	6 0.08	0.012	0.32
1/2	13	0.625	15.88	6 0.004	6 0.10	0.016	0.40
5/8	16	0.750	19.05	6 0.004	6 0.10	0.016	0.40
3/4	19	0.875	22.22	6 0.004	6 0.10	0.016	0.40
1	25	1.125	28.58	6 0.005	6 0.12	0.020	0.48
1 1/4	32	1.375	34.92	6 0.005	6 0.12	0.020	0.48
1 1/2	38	1.625	41.28	6 0.006	6 0.16	0.024	0.60
2	51	2.125	53.98	6 0.006	6 0.16	0.030	0.76
2 1/2	64	2.625	66.68	6 0.007	6 0.18	0.038	0.95
3	76	3.125	79.38	6 0.008	6 0.20	0.045	1.14
3 1/2	89	3.625	92.08	6 0.008	6 0.20	0.046	1.16
4	102	4.125	104.78	6 0.009	6 0.23	0.052	1.32
4 1/2	114	4.625	117.48	6 0.009	6 0.23	0.059	1.49
5	127	5.125	130.18	6 0.010	6 0.25	0.065	1.65
6	152	6.125	155.58	6 0.011	6 0.28	0.072	1.83



# POPULAR<sup>TM</sup>

## ABS Pipes & Fittings

ASTM F 628

### Salient Features

- High Rigidity
- Good Impact Resistance, Even at Low Temperatures
- Good Insulating Properties
- Good Weld ability
- Good Abrasion and Stain Resistance
- High Dimensional Stability (Mechanically Strong and Stable Over Time)
- High Surface Brightness and Excellent Surface Aspect





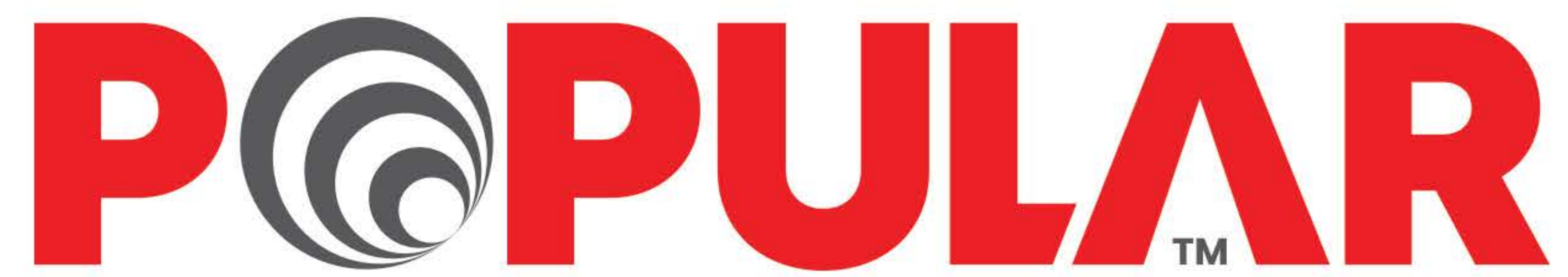
# POPULAR ABS PIPES & FITTINGS

## ASTM F 628

Wall Thickness and Tolerance for ABS Schedule 40 Plastic Drain, Waste and Vent Pipe Produced by the Coextrusion Process with Concentric Inner and Outer Solid ABS Layers and the Core Consisting of Closed-Cell Cellular ABS

Nominal Sizes	Wall Thickness<>	
Inches	Minimum Total Wall in. (mm)	Tolerance in. (mm)
1 1/4"	0.140 (3.56)	+0.020 (+0.50)
1 1/2"	0.145 (3.68)	+0.020 (+0.50)
2"	0.154 (3.91)	+0.020 (+0.50)
3"	0.216 (5.42)	+0.026 (+0.66)
4"	0.237 (6.02)	+0.028 (+0.71)
6"	0.280 (7.11)	+0.034 (+0.86)





## PVC Garden, Gas & Level Pipes

### Garden Pipe Size Range

1/2" 2.0 mm | 1/2" 2.5 mm | 3/4" 2.0 mm | 3/4" 2.5 mm | 3/4" 3.0 mm | 3/4" 3.5 mm | 3/4" 4.0 mm  
1" 2.5 mm | 1" 3.0 mm | 1" 3.5 mm | 1-1/4" 3.5 mm | 1-1/2" 3.5 mm | 2.0" 4.5 mm

### Gas Pipe Size Range

12.5\*2.0 mm | 13.5\*2.5 mm | 14.5\*3.0 mm

### Level Pipe Size Range

8.5\*1.3 mm

## Salient Features

No Weather Effect  
Different Colors  
Long Lasting  
Durable & Flexible





# POPULAR<sup>TM</sup>

## Solvent Cement



## Salient Features

Matchless Quality  
Convenient To Use  
Ensures a Strong & Consistent Weld  
All Schedules 1/2" Dia. through 12" Dia. Pipe  
For Pressure & Cold  
Portable Water & Industrial Piping System





# Water Tank

Size Range: 400L | 600L | 800L  
1000L | 1200L | 2000L



5 Layered

## Salient Features

- 5 Layers
- 100% Virgin Raw Material
- Food Grade Material
- High Quality Chrome Bushes
- Extrusion Blow Molded





# OUR ACHIEVEMENTS



# Our Achievements



**POPULAR**

PAKISTAN'S MOST  
POPULAR CHOICE







Defence Projects  
DHA Y-Block Commercial Area,  
DHA, Lahore  
Telephone No: 042-37185902  
700/7 / Enlistment / Mfrs / 2022/ Projs  
February 2022

8

To, **M/s Al- Rabi International (Pvt) Ltd**  
Plot # 263, Sundar Industrial Estate, Lahore  
Tel: 042-35979601-6  
Mob: 0321-8480139  
(Raja Javed Younis)

Subject: Enlistment of Firms as Manufacturer / Supplier with DHA Lahore

1. It is intimated that DHA Management has very kindly considered the renewal of your firm as approved manufacturer of HDPE Pipes & Fittings and placed on "Preferred List" till **31 December 2022**.
2. Please provide rate list of your approved products with effect from 1<sup>st</sup> January 2022 and inform web site link to this office and ensure following:-
  - a. Keep DHA Lahore informed about change in rates (if any) due to unavoidable circumstances.
  - b. Avoid submittal of fake quotation or invoice to contractors, violation may lead to delisting of your firms.
3. You are directed to deposit Rs. 25,000.00 (Rupees Twenty Five Thousand only) on account of annual renewal fee for the next year before **31 December 2022** in DHA Main Office Complex, Ph-VI DHA Lahore (original deposit slip be submitted in this office). In case of non-deposit of renewal fee, the enlistment will be cancelled.
4. Forwarded for your information and necessary action, please.



Colonel  
Director Projects  
(Muhammad Rashid Abbasi, Retd)



Defence Projects  
DHA Y-Block Commercial Area,  
DHA, Lahore  
Telephone No: 042-37185902  
700/7/Enlistment/Mfrs/2022-23/Projs  
August 2022

To, **M/s Waheed Shahzad Plastic Works (Pvt) Ltd**  
(Popular Pipes)  
(NTN # 3984994-5)  
UBL Plaza, Plot # 57, 2<sup>nd</sup> Floor, 8KM, Canal Bank Road,  
Izmir Housing Society, Lahore  
Tel: 042-35979601, Mob: 0322-2288334

Subject: Enlistment of Firms as Enlisted Manufacturer with DHA Lahore – 2022-23

This office ltr no. 700/7/Enlistment/Mfrs/Projs dated 24 June 2021 ref.

1. It is intimated that DHA management has very kindly considered the renewal of your firm as approved manufacturer and placed on "Preferred List" from to date to **30 June 2023** for following items:-
  - a. PPRC Pipes
  - b. PVC Pipes
  - c. UPVC Pipes & Accessories
2. Please provide rate list of your approved products with effect from 1<sup>st</sup> August 2022 and inform web site link to this office and ensure following:-
  - a. Keep DHA Lahore informed about change in rates (if any) due to unavoidable circumstances.
  - b. Avoid submittal of fake quotation or invoice to contractors, violation may lead to delisting of your firms.
3. You are directed to deposit Rs. 25,000.00 (Rupees Twenty Five Thousand only) on account of annual renewal fee for the next year before **31 May 2023** in DHA Main Office Complex, Ph-VI DHA Lahore (original deposit slip be submitted in this office). In case of non-deposit of renewal fee, the enlistment will be cancelled.
4. Forwarded for your information and necessary action, please.



Colonel  
Director Projects  
(Muhammad Rashid Abbasi, Retired)





**DEFENCE HOUSING ISLAMABAD-RAWALPINDI**

Defence Mall, Defence Avenue Phase-I,  
Islamabad - 44000, Pakistan.  
UAN: (051) 111-555-400  
Fax: (051) 5788086  
DHAI/202/515/Registration of Firm/SCM Dte  
6 Dec 2021

To: **M/S Waheed Shahzad Plastic Work (Pvt) Ltd**  
2<sup>nd</sup> Floor Plot No. 57, Block A  
UBL Building, Izmir Housing Society  
Canal Road Lahore  
Ph: 042-35979601-3  
Cell: 03458888019  
Email: [info@popularpipesgroup.com](mailto:info@popularpipesgroup.com)

Subject: **Registration of Firm (Suppliers) with DHA Islamabad-Rawalpindi**

1. We welcome you as **General Order Supplier** to our organization vide Registration Number **04863**. Therefore invitation of tender will be forwarded on your given E-mail address. We expect your participation with reasonable rates and quality of your related items to generate healthy competition. This organization expect that when the rates have been quoted by your firm subsequently purchase order issued, then store must be delivered in DHAI-R within given time. The quality and specification must be adhered religiously and accurately.

2. Forwarded for information, please.

  
**Lieutenant Colonel (Retd)**  
**Director SCM**  
**(Amjad Mushtaq Bubak)**

Serial No: 2138



Registration No: Waheed Shahzad/Ven/DHAP/21/38


**TECHNICAL BRANCH**  
**CERTIFICATE OF ENLISTMENT/REGISTRATION**

M/s WAHEED SHAHZAD PLASTIC WORKS (PVT) LTD

HAS BEEN ENLISTED / REGISTERED IN CATEGORY Vendor/Gen Order Supplier FOR SUPPLY OF FOLLOWING PRODUCTS

- |                                   |                                       |
|-----------------------------------|---------------------------------------|
| 1 <u>UPVC Pipes &amp; Fitting</u> | 2 <u>PPRC Pipes &amp; Fitting</u>     |
| 3 <u>Electrical Conduit Pipes</u> | 4 <u>HDPE Pipes &amp; Water Tanks</u> |
| 5 <u>-</u>                        | 6 <u>-</u>                            |

This certificate is valid up to 31 Dec 2022

  
**Brig**  
**Chief Engr**  
**(Shamil Ahmad)**  
Date: 18 Jan 2022

(NON TRANSFERABLE)





Defence Housing Authority Quetta  
Airport Road Quetta Cantonment  
Telephone: 081-2864446-7  
1404 /2/ DHAQ/ Enlistment – S-1  
07 Sep 2021

To: M/s Waheed Shahzad Plastic Works (Pvt) Ltd.

**Subject: Registration of Vendor / Gen order Supplier with DHA Quetta**

This is to certify that your application for registration / enlistment with DHA Quetta has been approved in Cat S-1. Your company is eligible as Vendor / Supplier for construction works / project at DHA Quetta, with enlistment No. DHAQ/Enlistment/TP&BC/S-1/13

**RECOMMENDED BY**

*Tariq Ahmed Rind*  
Dir TP&BC 07/09/21  
(Tariq Ahmed Rind)

**APPROVED BY**



*Nafis Afzal Satti*

Brigadier (R)  
Secretary - DHA Quetta  
(Nafis Afzal Satti)



Date of Issue: 02<sup>nd</sup> Sep 2021

Valid Until: 01<sup>st</sup> Sep 2022

Note: Change in particulars may please be intimated to the office of DHAQ on occurrence.



Defence Housing Authority  
Gujranwala  
Near Chenab Gate  
GT Road Gujranwala  
Telephone No: 055 - 3866151  
E-Mail: [cebr@dhagwa.com](mailto:cebr@dhagwa.com)  
No. 111 / 21 / Development  
21 June 2022

To: Waheed Shahzad Plastic Works (Pvt) Ltd  
(Popular Pipes)  
2<sup>nd</sup> Floor UBL Building, Block – A  
Izmir Housing Society, Canal Road  
Lahore (042-35979601-3)

**Subject: Enlistment with DHA Gujranwala for Year 2022-23**

1. Management of Defence Housing Authority (DHA) Gujranwala is pleased to inform that your Firm has been enlisted in **Cat M-1** for the Year 2022-23 as **Manufacturer**. Your esteemed Firm is now eligible to provide / supply construction material / stores. Rates of supplies shall be competitive to market and special discounts may be extended for DHA works / developers.
2. Enlistment is required to be renewed annually with renewal fee @10% of registration fee in the form of Bank Draft in favour of DHA Gujranwala.
3. In case at any stage, it is found that information / data provided vide your enlistment document is incorrect or suppressed, enlistment is liable to be withdrawn at the sole discretion of Defence Housing Authority Gujranwala.
4. It is also informed that your Firm has been awarded registration number DHA/Gwa/Pipes/M1-22/2022.
5. Forwarded for information / necessary action, please.

*Adnan Ahmed Khan*  
Colonel  
Chief Engineer  
(Adnan Ahmed Khan)





**RESTRICTED**

Defence Housing Authority Multan  
1 Multan Public School Road Multan  
Telephone: 061-6306365 & 6516036  
E Mail: planning.development@dhamultan.org  
File No. 701/4/P&D/DHA

2 October 2021

To: M/s Waheed Shahzad Plastic Works (Pvt) Ltd ✓  
2nd Floor UBL Building Plot # 51 Izmir Housing  
Society, Canal Road Lahore  
Cell 0345-8888019

Information: M/s ACES Site Office DHA Multan  
M/s ESAC  
M/s Pillar & Sons  
M/s Javed Electrical Engineers

Subject: Enlistment of Manufacturer / Suppliers with DHA Multan


Your letter of content dated 23 September 2021 refers.

1. Your application for enlistment with DHA Multan has been approved as manufacturer / supplier with following products **upto 30 September 2023** for 2 x years and is extendable on submission of renewal fee. By virtue of this, your firm / company is eligible to participate in tendering at DHA Multan projects with enlistment No **DHA/MTN/SUP/ENL-25/2021:-**

- UPVC Pipe & Fittings.
- PPRC Pipes & Fittings.
- HDPE Pipe & Fittings.
- Electric Cables
- UPVC Boards / Doors / Vanities
- PVC Ducts & Water Tanks

2. It is also added that in case at any stage, it is found that information / data provided by your firm for enlistment is incorrect or suppressed, enlistment will be liable to withdrawn at the sole discretion of Defence Housing Authority Multan and shall also tested periodically to ensure the quality of product.

3. Forwarded for information / necessary action, please.

  
Lieutenant Colonel  
Additional Director (Planning)  
(Hamble Taimoor Ahmad Hashmi, Retired)




DHA Bahawalpur Head Office  
Jinnah Avenue (MB-02)  
APE Canal Road Bahawalpur  
PO Box No 50  
Tel: 111-111-518/0622286280  
No: 278 / P&D / Enlist / DHAB  
26 January 2022

To: ✓ M/S Waheed Shahzad Plastic Works (Pvt) Ltd  
Plot # 57A, Commercial Plaza UBL Building  
Izmir Housing Society 8-KM Thokar Niaz Baig  
Canal Road  
Tel: 0340-0859838  
Lahore, Pakistan

Subject: Enlistment of Firm for Year 2021-23 - DHA Bahawalpur

1. It is intimated that your firm has been shortlisted for enlistment / registration as vendor / manufacturer with DHA Bahawalpur. Initially enlistment will be valid for a period of two years 2021-23. However, enlistment letter will be issued on receipt of Enlistment fee amounting to Rs 80,000/- (Rs 40,000/ year) in shape of Bank Draft/ Pay Order in favour of DHA Bahawalpur.
2. Forwarded for your information / necessary action, please.

  
A/Additional Director Contracts  
(Ghulam Abbas)  
Planning & Development Branch

”ڈی ایچ اے بہاولپور ہے اب بہاولپور کی نئی پہچان“۔









Ref: DM(E)/11/21/3/60




5th Nov 2021

Subject: - **APPROVAL CERTIFICATE**

M/s Popular Pipes Group of Companies is hereby registered in PDS&CEA and their product uPVC, PVC, PPRC, Water Tanks & HDPE Pipes are hereby standardized subject to observance of the following formalities and conditions:

1. The manufacturer will provide the delivery details supplied to the contractor / authorized dealers to the office of General Manager Engineering / Deputy Manager Engineering on quarterly basis.
2. The manufacturer's authorized dealers will be bound to issue sales tax invoice for each consignment supplied to the contractor with the name of purchaser and name of work.
3. The firm will be bound to provide test reports (alongwith other documents) of the product supplied for each delivery to the contractors with a direct copy thereof to the PDS&CEA.
4. Each product will bear the engraved stamp of the manufacturer with product classifications, identification code as per international standard specifications.
5. The firm will be 100% responsible for the quality of product supplied to the contractor. Unsatisfactory performance and below specification product supplied to contractors will result in legal action, rejection of material supplied and black listing of the firm.
6. In case, the above conditions are not fulfilled, the supply will be rejected.
7. This standardization is valid upto Dec 2024 subject to re-evaluation by PDS&CEA at any time.
8. This registration is subject to production of quality management certificate for ISO 9001:2015 & 14001:2015 from authorized recognized certificate organization.
9. The NTN No. of the firm are 3984994-5 & 4043689-6.

  
Engr. Abdul Majid  
Deputy Manager (Engg)

PUNJAB DAANISH SCHOOLS AND CENTERS OF EXCELLENCE AUTHORITY - GOVERNMENT OF PUNJAB  
Japanese Cell Building, Research Station, Near Punjab University New Campus, Canal Bank, Lahore.  
Ph#: 92-42-99231737-40 | Fax#: 492-42-99231739 | Email: pdscea@daanishschools.edu.pk | Website: www.daanishschools.edu.pk



**CHIEF ENGINEER**  
**PUNJAB RESEARCH & DESIGN DEPARTMENT**  
**LAHORE**

To

M/s Waheed Shahzad Plastic,  
Works Pvt. Ltd, 8-KM, Canal Bank Road,  
Lahore.

No. Enlistment- 1972

Dated: 26/09/2021

Subject: **RENEWAL OF M/S WAHEED SHAHZAD PLASTIC WORKS, PVT. LTD, 8-KM, CANAL BANK ROAD, LAHORE AS APPROVED MANUFACTURER/SUPPLIER OF UPVC PIPES IN PUNJAB BUILDINGS DEPARTMENT (C&W DEPARTMENT) FOR THE YEAR 2021-22.**

Reference: Director, Building Research Station, Lahore recommendations vide No 102-RB/2423 dated 31-05-2021 and environment committee meeting dated 15-07-2021 (Serial No 26).

Your firm has been approved by the Competent Authority for Registration/Enlistment/Renewal as Manufacturer / Supplier of UPVC Pipes only for the year 2021-22 in Punjab Buildings Department/ C&W Department (registration fee deposited vide GR No 260303 dated 16-08-2021 with BRS Lahore) in term of the Secretary to Government of the Punjab, Communication & Works Departments, Lahore Notification No. SOB-II/78-Vol-II(Part-4), dated 26.10.1999, No. SOB-II(C&W)2-1178, dated 27.10.2017 and even No. dated 13.12.2016, subject to the following conditions:-

1. Should the Department be dissatisfied with the quality of the products, behaviour, conduct and technical efficiency, the Chief Engineer, Punjab Research & Design Department, may remove your name from the approved list of manufacturer even black list you, debarring you from manufacturing/ supplying throughout the Punjab in any Government Department without assigning any reason.
2. You are not allowed to change the name of the firm/ factory. In case of change of name you will have to seek fresh enlistment.
3. You will have to produce the Government receipt at the time of supply of your products, if demanded by the staff of Buildings Department. The said Government receipt has also to be produced at the time of renewal of your firm/ factory for the next financial year.
4. If you apply for renewal after the expiry of due date i.e. 30th June of proceeding financial year, you would be liable to pay a penalty @ 25% of the renewal fee per quarter.

DA/ As above

  
Deputy Director  
for Chief Engineer  
Punjab Research & Design Department  
Lahore

Endorsement No. CE (R&D) /

Dated: 1/09/2021

A copy is forwarded for information and necessary action to:-

1. The Secretary, Govt. of the Punjab, Communication & Works Department, Lahore.
2. The Addl. Secretary (Tech.-II) Communication & Works Department, Lahore.
3. All the Chief Engineers in Communication & Works Department, Punjab.
4. The Director, Buildings Research Station, Lahore.
5. The Director (P&D), Punjab Buildings Department, Lahore.

Deputy Director  
for Chief Engineer  
Punjab Research & Design Department  
Lahore

Road Research & Material Testing Institute, Research Campus, Canal Road, Near Gool-e-Azam Campus, University of the Punjab, Lahore.  
Tel: (042) 99231760, 99231779, 99231788, Fax: (042) 3591533, e-mail: rmti@pu.edu.pk



**RESTRICTED**

Army Housing Directorate  
AG's Branch  
General Headquarters  
Rawalpindi  
Telephone Civil: 051- 8484210  
30/27/HD/Stores/Popular  
14 June 2022

To: M/S Waheed Shahzad Plastic Works Pvt Limited  
48, A-Block Commercial Plaza,  
Izmir Housing Society,  
Canal Bank Road, Lahore.  
UAN: 042 111 118 782  
Tel: 042 35979601-3  
Fax: 042 35979604  
Attn: Engr Asim Iqbal (Mob: 0321-1330055)


Subject: **Approval of Rates of PPRC, UPVC and ECP Pipes & Fittings - Popular Pipes**

Reference: Your letters # nil dated 06 April 2022.

1. Your negotiated rates of Pipes and Fittings have been approved by the competent authority. Detail is as under:-

- a. PPRC Pipes & Fittings - Annexure 'A'
- b. UPVC Pipes & Fittings - Annexure 'B'
- c. ECP Pipes & Fittings - Annexure 'C'

2. Please acknowledge receipt of this letter.

  
Major (R)  
For Director General Housing  
(Fayyaz Ajmal)

**RESTRICTED**

E:\Stores Section\Pipes & Fittings\Corres with firm.doc







**WAHEED SHAHZAD PLASTIC WORKS (PVT.) LTD.**

Plot No. 706, Sundar Industrial Estate, Sundar Raiwind Road,  
Lahore – Pakistan

American Global Standards, LLC issues this certificate to the firm named above,  
Having assessed and approved the firm's environmental management system and finding the  
system conforms to the standards of:

**ISO 14001:2015**

The environmental management system is applicable to the following:

**Manufacturing of U-PVC Pipes and Fittings,  
PVC Wiring Trunk, PVC Hose/Garden Pipes and  
PPR Pipes & Fittings**

This approval is subject to the firm maintaining its system to the required standards, which will be  
monitored by AGS. In the issuance of this certificate, AGS assumes no liability to any party other  
than the firm named above, and then only in accordance with the agreed upon Environmental  
Management System Assessment Agreement.

Certification Number: AGS-P-150069-E  
Original Approval: September 20, 2015  
Date of Issue: September 20, 2021  
Date of Expiration: September 19, 2022



USA Office: 1187 Coast Village Road, Suite 495, Montecito, CA 93108 USA  
Tel: 617-838-4648  
[www.americanglobal.org](http://www.americanglobal.org) | [info@americanglobal.org](mailto:info@americanglobal.org)



**WAHEED SHAHZAD PLASTIC WORKS (PVT.) LTD.**

Plot No. 706, Sundar Industrial Estate, Sundar Raiwind Road,  
Lahore – Pakistan

American Global Standards, LLC issues this certificate to the firm named above,  
Having assessed and approved the firm's quality management system and finding the system conforms  
to the standards of:

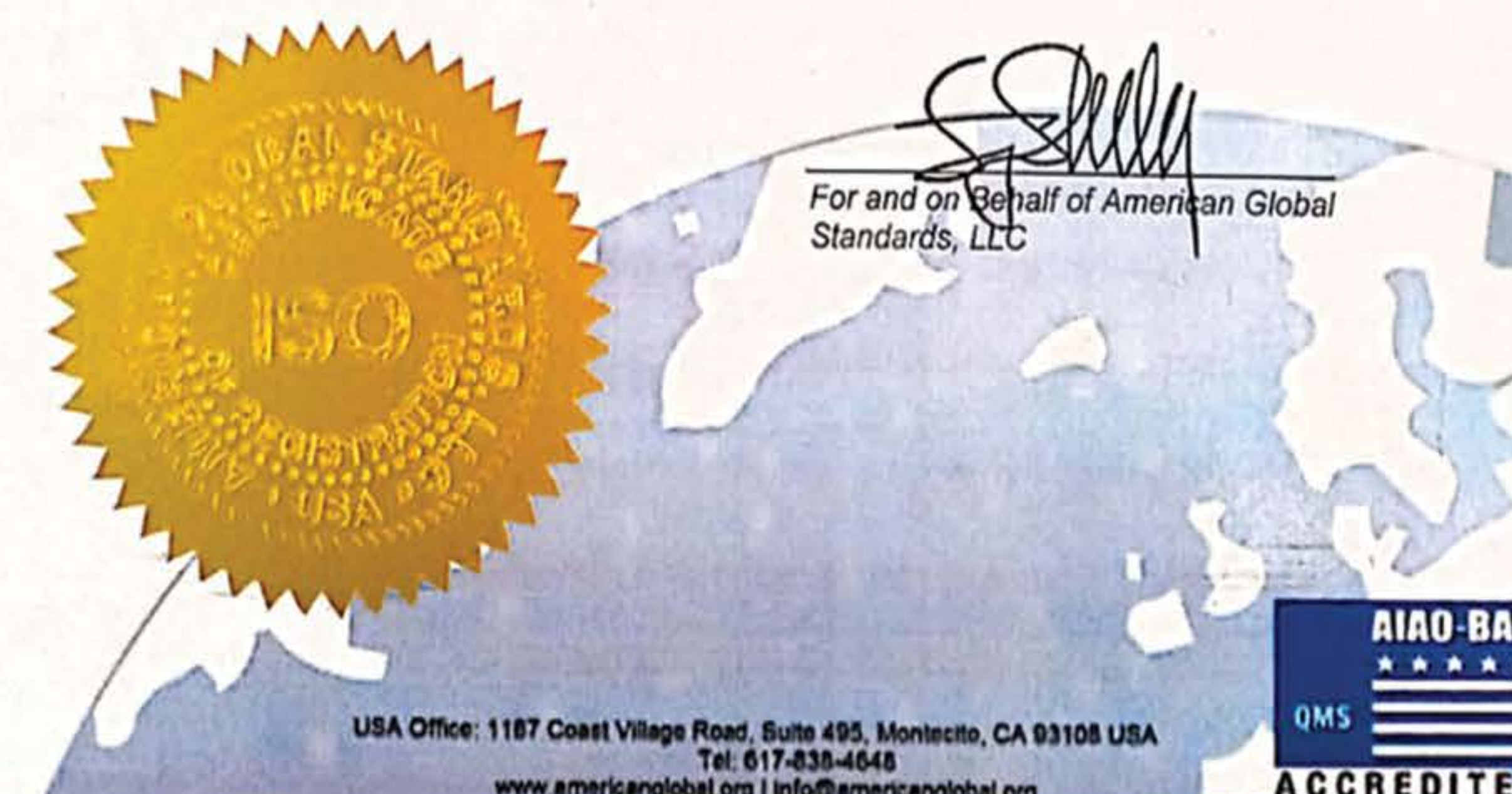
**ISO 9001:2015**

The quality management system is applicable to the following:

**Manufacturing of U-PVC Pipes and Fittings,  
PVC Wiring Trunk, PVC Hose/Garden Pipes and  
PPR Pipes & Fittings**

This approval is subject to the firm maintaining its system to the required standards, which will be  
monitored by AGS. In the issuance of this certificate, AGS assumes no liability to any party other  
than the firm named above, and then only in accordance with the agreed upon Quality Management  
System Assessment Agreement.

Certification Number: AGS-P-150069-Q  
Original Approval: September 02, 2019  
Date of Issue: September 02, 2021  
Date of Expiration: September 01, 2022



USA Office: 1187 Coast Village Road, Suite 495, Montecito, CA 93108 USA  
Tel: 617-838-4648  
[www.americanglobal.org](http://www.americanglobal.org) | [info@americanglobal.org](mailto:info@americanglobal.org)











### Certificate of Registration

This is to certify that Management system of

**AL-RABI INTERNATIONAL (PVT.) LIMITED**

Located at

**Plot No. 263-A Sunder Industrial Estate, Lahore – Pakistan**

Has been audited and found as per requirements of the Quality Management System

**ISO 9001:2015**

The Quality Management System is applicable to the following Certification scope

**Manufacturing of HDPE Pipe & Fittings, MDPE  
Pipe & Fittings PPR Pipe & Fittings, LLDPE  
Pipe (DRIP Irrigation), PVC Foam Board**

CERTIFICATE NUMBER EC-0047-Q  
ORIGINAL REGISTRATION DATE 15/July/2022  
ISSUE DATE 15/July/2022  
CERTIFICATE EXPIRY DATE 14/July/2023

  
Authorized Signatory  
CEO



Ethical Certification Pvt limited is accredited on 17021-1:2015 standard from PNAC (Pakistan national accreditation council). The validity of this certificate is subject to annual audit and current status can be verified from our website. This certificate remain property of Ethical Certifications and may be retuned as per request by Ethical Certifications Pvt limited.

ETHICAL CERTIFICATIONS PVT LIMITED  
PLOT # 169, BLOCK-B, MUHAFAZ TOWN, PHASE-II,  
MAIN DEFENCE ROAD, LAHORE-PAKSITAN.  
www.ethcert.com



### Certificate of Registration

This is to certify that Management system of

**AL-RABI INTERNATIONAL (PVT.) LIMITED**

Located at

**Plot No. 263-A Sunder Industrial Estate, Lahore – Pakistan**

Has been audited and found as per requirements of the Environmental Management System

**ISO 14001:2015**

The Environmental Management System is applicable to the following Certification scope

**Manufacturing of HDPE Pipe & Fittings, MDPE  
Pipe & Fittings PPR Pipe & Fittings, LLDPE  
Pipe (DRIP Irrigation), PVC Foam Board**

CERTIFICATE NUMBER EC-0047-E  
ORIGINAL REGISTRATION DATE 15/July/2022  
ISSUE DATE 15/July/2022  
CERTIFICATE EXPIRY DATE 14/July/2023

  
Authorized Signatory  
CEO



Ethical Certification Pvt limited is accredited on 17021-1:2015 standard from PNAC (Pakistan national accreditation council). The validity of this certificate is subject to annual audit and current status can be verified from our website. This certificate remain property of Ethical Certifications and may be retuned as per request by Ethical Certifications Pvt limited.

ETHICAL CERTIFICATIONS PVT LIMITED  
PLOT # 169, BLOCK-B, MUHAFAZ TOWN, PHASE-II,  
MAIN DEFENCE ROAD, LAHORE-PAKSITAN.  
www.ethcert.com



Number. 022287

**Pakistan Standards and Quality Control Authority**

Licence for the use of the Pakistan Standard Mark

Agreement No. 1765/L-22

Licence No. CM/L-1765/2020

M/s. Al-Rabi International (Pvt.) Ltd,

Address: Plot No. 263-A, Sunder Industrial Estate, Lahore.

Licence shall be valid from 11-Jun-21 to 10-Jun-23 and renewable as prescribed under the Rules.

## THE FIRST SCHEDULE

PS Mark	Article / Process	Pakistan Standard(s)
1	2	3
	Plastic Piping Systems - Polyethylene (PE) Pipes and Fitting for Water Supply (PE Pipes) "Popular Pipes" Brand	PSS: 3580/2014

## THE SECOND SCHEDULE

Article / Process	Unit	Marking Fee Per Unit	Mode of Payment
1	2	3	4
Plastic Piping Systems - Polyethylene (PE) Pipes and Fitting for Water Supply (PE Pipes) "Popular Pipes" Brand	Ex-Factory Price	0.1%	Through Bank Draft Quarterly

Signature

Mukhammad Yasin Akhtar

DIRECTOR

Place: Lahore

Date: 28-Mar-22

Number. 021693

**Pakistan Standards and Quality Control Authority**

Licence for the use of the Pakistan Standard Mark

Agreement No. 2177/L-2343

Licence No. CM/L-2177/2021

M/s. Al-Rabi International (Pvt.) Ltd,

Address: Plot # 263-A, Sunder Industrial Estate, Lahore.

Licence shall be valid from 12-Aug-21 to 11-Aug-22 and renewable as prescribed under the Rules.

## THE FIRST SCHEDULE

PS Mark	Article / Process	Pakistan Standard(s)
1	2	3
	Polypropylene (PP) Pipes "Popular Pipes" Brand	PSS: 4533-34/1999(R)

## THE SECOND SCHEDULE

Article / Process	Unit	Marking Fee Per Unit	Mode of Payment
1	2	3	4
Polypropylene (PP) Pipes "Popular Pipes" Brand	Ex-Factory Price	0.1%	Through Bank Draft Quarterly

Signature

Mukhammad Yasin Akhtar

DIRECTOR

Place: Lahore

Date: 30-Aug-21



Number. 021249



## Pakistan Standards and Quality Control Authority

Licence for the use of the Pakistan Standard Mark

Agreement No. 1424/L-177

Licence No. CM/L-1424/2003

M/s. Waheed Shahzad Plastic Works (Pvt.) Ltd.

Address: Plot # 706, Sundar Industrial Estate, Raiwind Road, Lahore.

Licence shall be valid from 1-Jan-21 to 30-Jun-22 and renewable as prescribed under the Rules.

Signature

Muhammad Yasin Akhtar

DIRECTOR

Place Lahore

Date: 5-Apr-21

### THE FIRST SCHEDULE

PS Mark	Article / Process	Pakistan Standard(s)
1	2	3
	PVC-U Pressure Pipes for Cold Potable Water "Popular" Brand	PSS: 3051/2017(9)

Sizes & Classes as per Annexure A

### THE SECOND SCHEDULE

Article / Process	Unit	Marking Fee Per Unit	Mode of Payment
1	2	3	4
PVC-U Pressure Pipes for Cold Potable Water "Popular" Brand	Ex-Factory Price	0.1%	Through Bank Draft Quarterly

Sizes & Classes as per Annexure A

Number. 021982



## Pakistan Standards and Quality Control Authority

Licence for the use of the Pakistan Standard Mark

Agreement No. 2280/L-2347.

Licence No. CM/L-2280/2021

M/s. Popular Water Tank (Pvt.) Ltd.

Address: Plot # 467, Sunder industrial Estate, Lahore.

Licence shall be valid from 18-Nov-21 to 17-Nov-22 and renewable as prescribed under the Rules.

Signature

Muhammad Yasin Akhtar

DIRECTOR

Place Lahore

Date: 2-Dec-21

### THE FIRST SCHEDULE

PS Mark	Article / Process	Pakistan Standard(s)
1	2	3
	Polyethylene Upright Storage Tanks "Popular Water Tank" Brand	PSS: 4279/2020(R)

### THE SECOND SCHEDULE

Article / Process	Unit	Marking Fee Per Unit	Mode of Payment
1	2	3	4
Polyethylene Upright Storage Tanks "Popular Water Tank" Brand	Ex-Factory Price	0.1%	Through Bank Draft Quarterly



Approval Number 2102513  
Test Report: M107052/A



Water Regulations Advisory Scheme Ltd.  
Unit 13,  
Willow Road,  
Pen y Fan Industrial Estate,  
Crumlin,  
Gwent,  
NP11 4EG

18<sup>th</sup> February 2021

Al Rabi International PVT Limited  
Plot No. 263 A,  
Sundar Industrial Estate,  
Lahore,  
Punjab  
Pakistan

**WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)  
MATERIAL APPROVAL**

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

**POLYPROPYLENE- COMPONENTS.**

5260

'Popular PPRC 100 Pipe'. Green coloured, extruded PPR pipe. For use with water up to 60°C.

**APPROVAL NUMBER: 2102513  
APPROVAL HOLDER: AL RABI INTERNATIONAL PVT LIMITED**

The Scheme reserves the right to review approval.  
Approval 2102513 is valid between February 2021 and February 2026

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: [www.wrasapprovals.co.uk/approvals-directory/](http://www.wrasapprovals.co.uk/approvals-directory/)

Yours Faithfully

**Ian Hughes  
WRAS Approvals Manager**

Approval Number 2102514  
Test Report: M107052/B



Water Regulations Advisory Scheme Ltd.  
Unit 13,  
Willow Road,  
Pen y Fan Industrial Estate,  
Crumlin,  
Gwent,  
NP11 4EG

18<sup>th</sup> February 2021

Al Rabi International PVT Limited  
Plot No. 263 A,  
Sundar Industrial Estate,  
Lahore,  
Punjab  
Pakistan

**WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)  
MATERIAL APPROVAL**

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

**POLYETHYLENE- COMPONENTS.**

5240

'Popular HDPE Pipe'. Black coloured (blue external stripes), extruded HDPE pipe. For use with water up to 60°C.

**APPROVAL NUMBER: 2102514  
APPROVAL HOLDER: AL RABI INTERNATIONAL PVT LIMITED**

The Scheme reserves the right to review approval.  
Approval 2102514 is valid between February 2021 and February 2026

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: [www.wrasapprovals.co.uk/approvals-directory/](http://www.wrasapprovals.co.uk/approvals-directory/)

Yours Faithfully

**Ian Hughes  
WRAS Approvals Manager**



SECURITIES AND EXCHANGE COMMISSION OF PAKISTAN

COMPANY REGISTRATION OFFICE  
LAHORE

CERTIFICATE OF INCORPORATION  
[Under section 32 of the Companies Ordinance, 1984 (XLVII of 1984)]

Corporate Universal Identification No. 0081249

I hereby certify that **AL-RABI INTERNATIONAL (PVT.) LIMITED** is this day incorporated under the Companies Ordinance, 1984 (XLVII of 1984) and that the company is Limited by Shares.

Given under my hand at Lahore this First day of October Two Thousand and Twelve.

Fee Rs. 14,000/-

DEPUTY REGISTRAR OF COMPANIES  
COMPANY REGISTRATION OFFICE  
LAHORE

(LIAQAT ALI DOLLA)  
Additional Registrar of Companies

No.ARL/ \_\_\_\_\_ DATED: \_\_\_\_\_

SECURITIES AND EXCHANGE COMMISSION OF PAKISTAN

COMPANY REGISTRATION OFFICE  
LAHORE

CERTIFICATE OF INCORPORATION  
[Under section 32 of the Companies Ordinance, 1984 (XLVII of 1984)]

Corporate Universal Identification No. 0079026

I hereby certify that **WAHEED SHAHZAD PLASTIC WORKS (PRIVATE) LIMITED** is this day incorporated under the Companies Ordinance, 1984 (XLVII of 1984) and that the company is Limited by Shares.

Given under my hand at Lahore this Twenty Second day of March Two Thousand and Twelve.

Fee Rs. 622,000/-

DEPUTY REGISTRAR OF COMPANIES  
COMPANY REGISTRATION OFFICE  
LAHORE

(AHMAD MUZAMMIL)  
Additional Registrar









We do hereby officially confirm that



POPULAR PIPES GROUP OF COMPANIES

in the category of

UPVC PIPES & FITTINGS

has been successfully qualified for

**BRAND OF THE YEAR AWARDS 2021**

The above-mentioned brand has satisfied all applicable requirements pertaining to Quantitative Consumer Survey, Qualitative Studies, expert panel analysis and current year market standing in its category.

In view of the selection criteria laid down by the governing body of Brands Foundation, the Awards Accreditation Council, do hereby grant this "Provisional Winning Confirmation" to the aforementioned brand, subject to their consent and acceptance for pursuance of the rules and regulation promulgated hereunder.



Accredited Permanent "OBSERVER STATUS" at THE AGENCY OF UNITED NATIONS



Approved by:  
Shaikh Rashid Alam  
CEO - Brands Foundation



Given this 14th Day of December 2021



GOVERNMENT OF PAKISTAN  
MINISTRY OF SCIENCE AND TECHNOLOGY  
PAKISTAN STANDARDS & QUALITY CONTROL AUTHORITY  
**QUALITY CONTROL CENTRE**  
234-A, PITAC Compound, Ferozepur Road, Lahore. 042-99230617-18  
Website: www.psqca.com.pk Email: qcc-quality@hotmail.com

S.No. 2707



**TEST REPORT**

Your Ref. No. SDC-CA(L-2343)  
Dated:- 07-06-2022.  
Samples Received on 26-08-2022  
Sample Received from: The Assistant Director (CA-North)  
Report issue to SDC-Regional Office,  
**LAHORE.**

Our Ref. No. QCC/4(370)/22-23 (471)  
Dated:- 26-09-22  
No. of Samples: Twelve (12).  
Specification against which tested  
PS 4533/34-1999

Subject:- Testing of samples stated to be "PPRC Pipes" Popular Brand (Collected from M/s: Al-Rabi International (Pvt.) Ltd., Plot # 263-A, Sundar Industrial Estate, Lahore).

The above samples as received have been tested with the following test results:-

S. No.	Description of the Tests.	Results Corresponding to Labs. Registration No's & Identification.							
		PE/69 (20mm)	PE/70 (25mm)	PE/71 (32mm)	PE/72 (40mm)	PE/73 (50mm)	PE/74 (63mm)	PE/75 (90mm)	PE/76 (110mm)
1.	Classification of Pipes	PN-16	PN-16	PN-16	PN-16	PN-16	PN-16	PN-16	PN-16
2.	Mean Outside Dia (mm.)	20.1	25.1	32.2	40.3	50.3	63.5	90.4	110.3
3.	Mean Wall Thickness (mm)	3.2	3.7	4.6	5.8	7.3	9.1	13.0	15.7
4.	Heat Reversion test at 135 °C for 120 minutes (%)	-1.2	-1.2	-1.0	-0.6	-0.5	-0.7	-0.5	-0.3
5.	Creep Strength test for 1 hour.	Satisfactory							
6.	Ovality Test (mm).	0.2	0.2	0.3	0.4	0.5	0.4	0.8	1.0
7.	Surface Finish.	Satisfactory							
8.	Marking.	Present	Present	Present	Present	Present	Present	Present	Present

Continue on Next Page







**HIGH VOLTAGE ENGINEERING LABORATORY**  
DEPARTMENT OF ELECTRICAL ENGINEERING  
UNIVERSITY OF ENGINEERING AND TECHNOLOGY  
LAHORE-54890, PAKISTAN

Lt Col (R) Muhammad Saeed,  
GM Business Development, Popular Pipes Group of Companies,  
57-A, Commercial Plaza, UBL Building, Izmir Housing Society, Canal Road, Lahore.

No.Univ./EED/0119/22  
Dated: 13.09.2022

**Subject: Testing of Electrical Cables.**

The following cables samples were tested on 13.09.2022 in the High Voltage Engineering Laboratory. In lieu of this testing fee Rs. 14,000/- was deposited in the Habib Bank Limited, Engineering University Branch, Lahore via Bank Challan No. 06861 on 13.09.2022. The testing results are reported below:

**TEST REPORT:**

1-Cable Specimen: 3/0.029 Single Core PVC Insulated Copper Conductor Cable

Make: Popular Wires (PVT.) Ltd.  
Colour: Black  
Room Temperature: 22 °C  
Specifications: BS- 3360, 2004

Sr. #	Test Carried Out	Units	Requirements	Results	Remarks
1.	No. of Wires	-	3	3	Pass
2.	Strand Diameter	Inch	0.029	0.029	Pass
3.	Overall Diameter	Inch	0.137	0.138	Pass
4.	Insulation Thickness	Inch	0.035	0.035	Pass
5.	D.C. Resistance at 20° C	Ω /1000Yard	12.83	11.72	Pass
6.	Insulation Resistance at 20° C	M-Ω/Yard	20	Above 20	Pass
7.	High Voltage Test at 1.5 kV for 15 Minutes	No Breakdown of Insulation Recorded			

2-Cable Specimen: 7/0.029 Single Core PVC Insulated Copper Conductor Cable

Make: Popular Wires (PVT.) Ltd.  
Colour: Black  
Room Temperature: 22 °C  
Specifications: BS-3360, 2004

Sr. #	Test Carried Out	Units	Requirements	Results	Remarks
1.	No. of Wires	-	7	7	Pass
2.	Strand Diameter	Inch	0.029	0.029	Pass
3.	Overall Diameter	Inch	0.162	0.162	Pass
4.	Insulation Thickness	Inch	0.035	0.035	Pass
5.	D.C. Resistance at 20° C	Ω/1000Yard	5.375	5.116	Pass
6.	Insulation Resistance at 20° C	M-Ω/Yard	15	Above 15	Pass
7.	High Voltage Test at 1.5 kV for 15 Minutes	No Breakdown of Insulation Recorded			

Page 1 of 2



Office: +92-42-99029423, Web: www.uet.edu.pk Email: hvoltage@uet.edu.pk



GOVERNMENT OF PAKISTAN  
MINISTRY OF SCIENCE AND TECHNOLOGY  
PAKISTAN STANDARDS & QUALITY CONTROL AUTHORITY  
**QUALITY CONTROL CENTRE**  
234-Pitac Compound, Ferozepur Road, Lahore. 042-99230617-18

S.No. 3304



**TEST REPORT**

Your Ref. No: -Nil-  
Dated: - 05-02-2021

Our Ref. No: QCC/4(362)/20-21 (846)  
Dated: - 16-6-2021

Sample Received From: Mr. Shoaib Khan,  
Report issue to: Asst. Manager Public Relations,  
M/s: Waheed Shahzad Plastic

No. of Samples: Eight (08)  
Specification against which Tested:  
PS: 1905, BS-6099

Works (Pvt) Ltd.  
Izmeer Housing Society, 1<sup>st</sup> Floor,  
Habib Canter, Block-A, Plot No.4,  
8 Km, Canal Road, Thokar Niaz Baig,  
**LAHORE.**

Subject: Testing of Samples Stated to be "UPVC Electrical Conduits" Brand "POPULAR".

The Samples as received have been tested with the following results:

Sr. No.	Description of Tests	Results Corresponding to Lab. Reg. Nos. & Identification Marks							
		PE/1757 (1/2")	PE/1758 (3/4")	PE/1759 (1")	PE/1760 (1 1/4")	PE/1761 (1 1/2")	PE/1762 (2")	PE/1763 (3")	PE/1764 (4")
1	Mean Outside Dia(mm)								
	Min.	17.2	21.4	26.5	33.4	42.1	60.3	88.7	114.2
	Max.	17.3	21.5	26.8	33.9	42.3	60.5	89.0	114.5
2	Wall Thickness(mm)								
	Min.	1.02	1.10	1.28	1.44	1.62	1.76	1.85	1.92
	Max.	1.16	1.27	1.36	1.48	1.82	1.90	1.96	2.00
3	Bending Test	----- Satisfactory -----							
4	Impact Test	----- Satisfactory -----							
5	Collapse Test	----- Satisfactory -----							
6	Resistance to Burning	----- Satisfactory -----							
7	Compression Test	----- Satisfactory -----							
		3.9	4.1	4.3	4.6	4.9	5.8	6.0	6.2
8	Insulation Resistance Test (M-Ohms)	More than 2000							
9	Electrical Insulating Strength	----- Satisfactory / No Breakdown -----							

End of Test Report

Assistant Director (Physical)



ENGR. WASEEM AHMED MIRZA  
Director QCC (North)  
Lahore (3304)



# SOME OF OUR MAJOR PROJECTS



- Motorway Pakistan
- Metro Bus Service
- Ashiana Housing Scheme
- Fazaia Housing Scheme
- Bahria Town
- Paragon City
- Nishat Emporium Mall
- Shaukat Khanum Hospital
- Danish School System
- Shahbaz Air Base Jacobabad
- Big Bird Food Processing Plant
- City Schools
- Nawaz Sharif Kidney Hospital
- Interloop Dairy
- Sapphire Power House
- Jaffer Group of Companies

- The Spring Apartments
- Hajveri University Sheikhpura
- Expo Center
- Metro Cash & Carry
- Hyper Star
- Fortress Square Mall
- Pace Pakistan
- Arfa Karim I.T Tower
- Riphah University
- Sawan Gas Field
- Sapphire Group
- Sialkot International Airport
- Descon Technical Institute
- (KSB) Pumps Punjab
- Layyah Sugar Mills
- DHA

- FC College
- Sir Ganga Ram Hospital
- Icon Valley Raiwind Road
- Jaffer Agro Services Irrigation Project
- Akhuwat
- DCC Towers Karachi
- MPA Hostel Lahore
- Mother & Child Hospital Bahawalnagar
- Hyundai Nishat Motors FSD
- Outfitter Factory
- MG Motors Raiwind Road
- Mental Hospital Jail Road
- Jinnah Cricket Academy Sialkot
- Stylo Shoes Factory Sheikhpura
- High Performance cricket academy FSD
- Public Health Department



# THE QUALITY OF PIPING INVESTMENT OR EXPENSE? **LET'S DECIDE TODAY!**

In construction of your home, building a proper water supply & drainage system is as important as other construction parts such as the foundation, brick work, paint etc. The installation of high-quality piping only figures as one of these all-too-important concerns but generally it has been observed that some home owners & developers do not pay proper attention to the quality of piping in order to save money on the project, without realizing that **SMALL & QUICK PROFIT CAN COST THEM BIGGER INVESTMENT** in the long-run.



Although, using lower quality pipes does slight reducing the percentage cost of piping per total project cost, bringing it down from 3% to 1.92% (within the given numbers), but for this little decrease, the entire project is being put in to risk. Wall thickness reduces to 1.4 mm & expected life free falls from 50 to 6 years.

The real question is

## **To What Extent in Reality, Cost is Reduced vis-a-vis Expectations?**

Saving some money in material will cost much in later, because a low-quality pipe network starts to deteriorate soon after its installation. This untimely degradation not only harms the home's very foundation and belittles its curb appeal but also ultimately reduces the resale value.

Apart from the Mixing of Calcium Carbonate to reduce the piping cost, there are other ways adopted for cost reduction that not only impact the output but also the performance & shelf life of the pipe. These include:

# **Use of Recycled Material**

that weakens the molecular strength & affects the mechanical properties of the pipe, resulting in premature failure.



# False Size Claims



Whereby a 25mm pipe is claimed as 26.6mm pipe, resulting in the installation of poor quality piping with reduced wall thickness, that starts to wear off earlier than expected.



**IT'S TIME WE RETHINK  
AND UNDERSTAND THE  
DIFFERENCE BETWEEN  
INVESTMENT & EXPENSE!**



We take this Opportunity to thank our  
**DISTRIBUTORS, DEALERS & CONSULTANTS**  
for making us

**PAKISTAN'S MOST**  
**POPULAR**<sup>TM</sup>  
**CHOICE**

**THANK YOU**  
**AND STAY BLESSED!**

**Waheed Shahzad**  
CEO, Popular Pipes Group of Companies



# Company **Profile**



+92-42-111-11-8782

[www.popularpipesgroup.com](http://www.popularpipesgroup.com)

