



Piping *the* new world

Our Mission

Mission

Being recognized for superior services and providing innovative quality products

Credo

Serve & Strive through strain & stress
Do our noblest, that's success.

Goal

To achieve growth through sustained innovation for total customer satisfaction, meet this objective by producing quality products at optimum cost and marketing them at reasonable / economical prices.

Guiding Principal

Toil and sweat to manage our resource of men, material and money in an integrated efficient and economic manner
Earn profit, keeping in view commitment to social responsibility and environment concern.

Quality Prospective

Make quality a way of Life

About Us

Today there is a dire need of providing the people of World with safe drinking water and proper sanitation system. To cater this objective **Euro Gulf Industries** was established in the spring of 2005. Its directors had been a part of the pipe industry since 1971. Their rich experience and the desire for growth of World's Economy led them to invest significantly in modern technology and machines, so as to ensure consistent high quality products, and quick responses to market demands.

Euro Gulf Industries is one of the leading Polymer Pipe & Fitting Manufacturers in Pakistan. It specializes in manufacturing PPR-C, uPVC, PE & cPVC Pipes & Fittings. Its facility is the only of its kind in Pakistan which manufactures all four types of Pipes & Fittings under one roof. It manufactures pipe ranging from ½" to 18" and also manufactures more than 150 different kinds of fittings. Its products are supplied all over Pakistan. The lower diameter pipe (i.e. ½" to 6") is usually used & supplied to the commercial market and its higher diameter pipe (i.e. 6" onwards) and PE pipes are supplied and used in government, semi-government and special projects. More recently, cPVC Pipes & Fittings have been added to their product line.

Apart from uPVC resin which is purchased from ENGRO POLYMER, the sole manufacturer in Pakistan, all its Raw Material is imported from the most renowned companies in the world such as Borealis, Sabic, Borouge, Basell and Lubrizol. The company gives us most importance to its quality. For this reason alone, Euro Gulf Industries is among the only few companies in Pakistan who has an in-house laboratory, equipped with the latest equipments to ensure quality to the last inch.

A part from its ISO 9001:2008 Certification it is certified by PCSIR, PSQCA and Pakistan Engineering Council. It is also registered in different government and semi-government departments. It manages its own Distribution System to ensure availability of its products all over Pakistan & abroad .

Euro Gulf Industries is on its way to "Piping the New World"

Piping *the* new world



Why uPVC Pipe & Fitting

UPVC

PVC was accidentally discovered at least twice in the 19th century, first in 1835 by Henri Victor Regnault and in 1872 by Eugen Baumann. On both occasions the polymer appeared as a white solid inside flasks of vinyl chloride that had been left exposed to sunlight. In the early 20th century the Russian chemist Ivan Ostromislensky and Fritz Klatte of the German chemical company Griesheim-Elektron both attempted to use PVC (polyvinyl chloride) in commercial products, but difficulties in processing the rigid, sometimes brittle polymer blocked their efforts. Waldo Semon and the B.F. Goodrich Company developed a method in 1926 to plasticize PVC by blending it with various additives. The result was a more flexible and more easily processed material that soon achieved widespread commercial use.

Application

- Pot Water, Soil, Waste, Rain Water
- Ultra Pure Water and Sewage treatment Plant
- Swimming Pools
- Air Conditioning / Refrigeration
- Food and Beverage processing
- R.O. Plants
- Water Irrigation
- Cable & Telecommunication



Advantage

- Long life, Design life of 50 years according to ISO.
- Low transportation and handling cost
 - No scaling or deposition of material
 - Can resist wide range of chemicals
 - Does not promote fire
 - Reduce chances of short circuit
 - Can be installed both inside and outside
 - Reduces jointing and labor cost
 - High Flexibility
 - Quick & Easy Installation
 - Low Maintenance Cost



uPVC Specification

ASTM D-1785 SCHEDULE 40 PIPES

Nominal	Outside Dia	Wall Thickness		Nominal	Pressure
Size	(d)	MIN	MAX	Weight	Rating
Inches	Mm	mm	mm	Kg/m	Bar
1/2"	21.34	2.77	3.28	0.24	41.4
3/4"	26.67	2.87	3.38	0.33	33.1
1"	33.40	3.38	3.89	0.48	31.0
1 1/4"	42.16	3.56	4.06	0.65	25.5
1 1/2"	48.26	3.68	4.19	0.77	22.8
2"	60.32	3.91	4.42	1.04	19.3
2 1/2"	73.02	5.16	5.77	1.62	20.5
3"	88.90	5.49	6.15	2.14	17.9
4"	114.30	6.02	6.73	3.05	15.2
6"	168.28	7.11	7.98	5.37	12.4
8"	219.08	8.18	9.17	7.80	11.0
10"	273.05	9.27	10.39	11.06	9.7
12"	323.85	10.31	11.55	14.62	9.0

ASTM D-2241 SDR SERIES PIPES

Nominal	Outside Dia	Wall Thickness		Nominal	Pressure
Size	(d)	MIN	MAX	Weight	Rating
Inches	mm	mm	mm	kg/m	bar
2" SDR 26	60.32	2.32	2.82	0.77	11.00
3" SDR 26	88.9	3.43	3.94	1.42	11.00
3" SDR 32.5	88.9	2.74	3.25	1.09	8.62
4" SDR 26	114.3	4.4	4.90	2.33	11.00
4" SDR 32.5	114.3	3.5	4.00	2.08	8.62
4" SDR 41	114.3	2.8	3.30	1.67	6.89
6" SDR 32.5	168.28	5.18	5.79	3.99	8.62
6" SDR 41	168.28	4.12	4.62	3.45	6.89
6" SDR 64	168.28	2.64	3.15	2.45	4.34
8" SDR 32.5	219.08	6.73	7.54	6.46	8.62
10" SDR 32.5	273.1	8.41	9.42	10.07	8.62
10" SDR 41	273.1	6.65	7.44	8.01	6.89
12" SDR 32.5	323.85	9.96	11.15	14.14	8.62
12" SDR 41	323.85	7.90	8.84	11.29	6.89



Why PPR-C Pipe & Fitting

PPR-C

EG PPR-C piping systems can be used for distribution systems in housing, administration and community buildings as well as for industrial installations. EG PPR-C piping systems is designed for transport of cold and hot water. It is also used for the distribution of compressed air. EG PPR-C is the first complete PPR piping system in Pakistan that conforms to international quality and safety standards.

Applications:

- Hot / Cold and Chilled Water Piping.
- Industrial Piping for Aggressive Fluids.
- Compressed Air.
- Air Conditioning / Refrigeration
- Food and Beverage Processing

Advantages:

- Reduces energy Losses.
- Suitable for potable water and food processing industries.
- Long life, design life is 100 years according to DIN 8077 / 8078.
- Can withstand high flow velocity.
- Long length can be made by fusion jointing.
- Low length can be made by fusion jointing.
- Low cost of transportation and handling.
- Low cost fittings.
- Lesser number of fittings is used.



PPR-C Specification

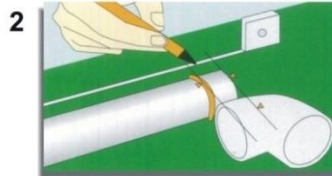
**Production Size and Welding Time
DIN 8077 / JULY 1999**

PN 10			PN 20		
Outer Dia. with (Max. Limit) (mm)	Inside Dia (mm)	Wall Thickness with (Max. Limit) (mm)	Outer Dia. with (Max. Limit) (mm)	Inside Dia (mm)	Wall Thickness with (Max. Limit) (mm)
20 (+0.3)	16.2	1.9 (+0.4)	20 (+0.3)	13.2	3.4 (+0.6)
25 (+0.3)	20.4	2.3 (+0.5)	25 (+0.3)	16.6	4.2 (+0.7)
32 (+0.3)	26.2	2.9 (+0.5)	32 (+0.3)	21.2	5.4 (+0.8)
40 (+0.4)	32.6	3.7 (+0.6)	40 (+0.4)	26.6	6.7 (+0.9)
50 (+0.5)	40.8	4.6 (+0.7)	50 (+0.5)	33.8	8.3 (+1.1)
63 (+0.6)	51.4	5.8 (+0.8)	63 (+0.6)	42	10.5 (+1.3)
75 (+0.7)	61.4	6.8 (+0.9)	75 (+0.7)	50	12.5 (+1.5)
90 (+0.9)	73.6	8.2 (+1.1)	90 (+0.9)	60	15 (+1.7)
110 (+0.9)	90	10 (+1.2)	110 (+0.9)	73.4	18.3 (+2.1)

Jointing Procedure



Cut the pipe vertically, clean the cutter head after cutting.



Earmark the welding depth on the pipe as per specifications



Heat up the pipe and coupler



Insert the pipe into the coupler smoothly with in connection time.



Why cPVC Pipe & Fitting

cPVC

Chlorinated polyvinyl chloride (CPVC) is a thermoplastic produced by chlorination of polyvinyl chloride (PVC) resin. Uses include hot and cold water pipe, and industrial liquid handling.

Application

- Hot and cold water distribution in residential, industrial and public projects.
- Carrying drinking water and food liquids
- Water and waste water treatment systems
- Transportation of chemical and hot corrosive fluids, which includes a wide variety of inorganic acids, bases used in chemical processing
- Use in industries like metal finishing, plating and treatment, pulp and paper, air pollution control, mining, aerospace, textile, food and beverage processing, fine sprinkler piping and municipal projects.
- Use as high tension cable protection pipe for electric net improvement (Large dia. CPVC Pipes).
- Solar heating, central heating and radiant floor heating application



Advantage

- cPVC has Excellent resistance to chemicals, corrosion and abrasion.
- cPVC Pipe has a smooth, friction free inner bore which results in high flow rate, less opportunity for bacteria growth and almost completely eliminates the scale build-up in the piping system.
- cPVC Pipe is energy efficient, has lower thermal conductivity and insulation cost.
- cPVC pipe is particularly suitable for the conveyance of desalinated / dematerialized water where serious corrosion problems resulting in narrowing of the bore are experienced in the galvanized steel pipe.
- Unlike copper or other metal pipes, CPVC plumbing pipe will not rust, pit or scale.
- cPVC Pipe is extremely fire resistant.
- Non-toxic and environment friendly.
- CPVC pipe is jointed exactly the same way as rigid PVC pipe using cPVC solvent cement, which makes installation easy.



cPVC Specification

AS PER ASTM F-441

cPVC Pipes Schedule 40									
S. #	Size	Outside Dia (mm)		Wall Thickness (mm)		Length (Meters)	Weight (Kgs)		Pressure Rating PSI (MPa)
		Min	Max	Min	Max		Min	Max	
1	1/4	13.6	13.8	2.24	2.75	6	0.7	0.9	780(5.38)
2	3/8	17	17.2	2.31	2.82	6	1	1.2	620(4.27)
3	1/2	21.2	21.4	2.77	3.28	6	1.46	1.7	600(4.14)
4	3/4	26.6	26.8	2.87	3.38	6	1.95	2.26	480(3.31)
5	1	33.27	33.53	3.38	3.89	6	2.85	3.3	450(3.10)
6	1 1/4	42.07	42.33	3.56	4.07	6	3.9	4.5	370(2.55)
7	1 1/2	48.15	48.45	3.68	4.19	6	4.7	5.3	330(2.27)
8	2	60.15	60.45	3.91	4.42	6	6.3	7.1	280(1.93)
9	2 1/2	72.82	73.18	5.16	5.77	6	10	11	300(2.06)
10	3	88.7	89.1	5.49	6.15	6	13	15	260(1.79)
11	3 1/2	101.4	101.8	5.74	6.42	6	16	18	240(1.65)
12	4	114.1	114.53	6.02	6.73	6	19	21	220(1.51)
13	5	141.1	141.55	6.55	7.34	6	25	28	190(1.31)
14	6	168	168.58	7.11	7.97	6	33	37	180(1.24)
15	8	218.3	219.48	8.18	9.17	6	49	55	160(1.10)
16	10	272.7	273.48	9.27	10.39	6	70	78	140(0.96)
17	12	323.5	324.28	10.31	11.55	6	93	104	130(0.89)

cPVC Pipes Schedule 80									
S. #	Size	Outside Dia (mm)		Wall Thickness (mm)		Length (Meters)	Weight (Kgs)		Pressure Rating PSI (MPa)
		Min	Max	Min	Max		Min	Max	
1	1/4	13.5	13.9	3.02	3.53	6	0.9	1.04	1130(7.79)
2	3/8	16.9	17.3	3.2	3.71	6	1.25	1.44	920(6.34)
1	1/2	21.1	21.5	3.73	4.24	6	1.85	2	850(5.86)
2	3/4	26.45	26.95	3.91	4.42	6	2.52	2.85	690(4.75)
3	1	33.15	33.65	4.55	5.08	6	3.72	4.15	630(4.34)
4	1 1/4	41.9	42.5	4.85	5.43	6	5.14	5.76	520(3.58)
5	1 1/2	48	48.6	5.08	5.69	6	6.24	6.99	470(3.24)
6	2	60	60.6	5.54	6.2	6	8.64	9.66	400(2.75)
7	2 1/2	72.62	73.38	7.01	7.85	6	13.17	14.74	420(2.89)
8	3	88.52	89.28	7.62	8.53	6	17.66	19.73	370(2.55)
9	3 1/2	101.2	102	8.08	9.04	6	21.56	24.07	350(2.41)
10	4	113.9	114.7	8.56	9.58	6	25.84	28.85	320(2.21)
11	5	140.5	142.7	9.52	10.66	6	35.74	40.13	290(2.00)
12	6	166.5	169.2	10.97	12.29	6	48.89	55.25	280(1.93)
13	8	218	220.2	12.7	14.22	6	74.69	83.94	250(1.72)
14	10	271.8	274.4	15.06	16.86	6	110.8	124.4	230(1.59)
15	12	322.4	325.4	17.45	19.53	6	152.5	171.2	230(1.59)

Piping *the* new world



Why PE Pipe & Fitting

PE

Polyethylene was first synthesized by the German Chemist Hans Von Pechmann who prepared it by accident in 1898 while heating diazomethane. When his colleagues Eugen Bamberger and Friedrich Tschirner characterized the white, waxy, substance that he had created they recognized that it contained long $-CH_2-$ chains and termed it Polyethylene.

Applications

- Oil & Gas Fibre Optic Cable ducting
- Sewerage lines
- Drip irrigation
- House connections
- Trickle Irrigation
- Chilled water piping
- Drinking water supply
- Film Processing
- Chemical Production
- Pharmaceutical Industries



Advantages

- Resistant to corrosion, abrasion,
- Growth of bacteria, algae & fungus
- Suitable for extreme weather conditions
- Maintenance free, durable & long life
- Non-Toxic and Non-Conductive



Properties

- Light weight
- Smooth internal bore
 - Inert characteristics
 - Fusible / Weld able
 - Ultra violet resistance
 - Flexible
 - Corrosion free

PE 100 PIPE DIMENSION CONFORMING TO ISO 4427, DIN 8074 & PrEN 12201 SPECIFICATION

DESIGN STRESS = 8 MPa

OD.	S 20		S 12.5		S 10		S 8		S 6.3		S 5		S 4		S 3.2		S 2.5		OD.
	SDR 41		SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11		SDR 9		SDR 7.4		SDR 6		
	PN 4		PN 6.3		PN 8		PN 10		PN 12.5		PN 16		PN 20		PN 25		PN 32		
	W.T. Weight		W.T. Weight		W.T. Weight		W.T. Weight		W.T. Weight		W.T. Weight		W.T. Weight		W.T. Weight		W.T. Weight		
mm	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm
20											1.9	0.113	2.3	0.13	2.8	0.156	3.4	0.182	20
25											2.3	0.173	2.8	0.19	3.5	0.242	4.2	0.281	25
32							2.0	0.197	2.4	0.234	2.9	0.275	3.6	0.32	4.4	0.390	5.4	0.458	32
40					2.0	0.25	2.4	0.29	3.0	0.36	3.7	0.434	4.5	0.52	5.5	0.606	6.7	0.708	40
50			2.0	0.32	2.4	0.37	3.0	0.45	3.7	0.55	4.6	0.672	5.6	0.79	6.9	0.946	8.3	1.09	50
63			2.5	0.48	3.0	0.58	3.8	0.72	4.7	0.87	5.8	1.06	7.1	1.27	8.6	1.48	10.5	1.74	63
75			2.9	0.69	3.6	0.82	4.5	1.01	5.6	1.24	6.8	1.48	8.4	1.78	10.3	2.10	12.5	2.46	75
90			3.5	0.97	4.3	1.18	5.4	1.47	6.7	1.78	8.2	2.14	10.1	2.56	12.3	3.02	15.0	3.54	90
110			4.2	1.44	5.3	1.78	6.6	2.18	8.1	2.63	10.0	3.17	12.3	3.81	15.1	4.52	18.3	5.28	110
125	3.1	1.23	4.8	1.85	6.0	2.27	7.4	2.77	9.2	3.39	11.4	4.12	14.0	4.92	17.1	5.82	20.8	6.80	125
140	3.5	1.55	5.4	2.33	6.7	2.84	8.3	3.48	10.3	4.25	12.7	5.13	15.7	6.17	19.2	7.30	23.3	8.54	140
160	4.0	2.00	6.2	3.05	7.7	3.74	9.5	4.55	11.8	5.54	14.6	6.72	17.9	8.02	21.9	9.51	26.6	11.13	160
180	4.4	2.49	6.9	3.81	8.6	4.69	10.7	5.75	13.3	7.03	16.4	8.50	20.1	10.55	24.6	12.03	29.9	14.07	180
200	4.9	3.05	7.7	4.72	9.6	5.81	11.9	7.10	14.7	8.59	18.2	10.50	22.4	12.55	27.4	14.89	33.2	17.38	200
225	5.5	3.87	8.6	5.92	10.8	7.34	13.4	8.99	16.6	10.96	20.5	13.30	25.2	15.89	30.8	18.80	37.4	22.00	225
250	6.2	4.85	9.6	7.34	11.9	8.99	14.8	11.02	18.4	13.50	22.7	16.40	27.9	19.53	34.2	23.21	41.6	27.14	250
280	6.9	6.00	10.7	9.16	13.4	11.35	16.6	13.86	20.6	16.90	25.4	20.50	31.3	24.55	38.3	29.10	46.5	34.05	280
315	7.7	7.54	12.1	11.67	15.0	14.26	18.7	17.54	23.2	21.43	28.6	25.88	35.2	31.06	43.1	36.85			315
355	8.7	9.60	13.6	14.92	16.9	18.11	21.1	22.33	26.1	27.16	32.2	32.83	39.7	39.44	48.5	46.71			355
400	9.8	12.16	15.3	18.70	19.1	23.09	23.7	28.23	29.4	34.45	36.3	41.69	44.7	50.04					400
450	11.0	15.33	17.2	23.64	21.5	29.19	26.7	35.76	33.1	43.68	40.9	52.80	50.3	62.7					450
*500	12.3	19.09	19.1	29.16	23.9	36.07	29.7	44.18	36.8	53.84	45.4	65.13							500
*560	13.7	23.78	21.4	36.55	26.7	45.08	32.2	55.34	41.2	67.55	50.8	81.80							560
*630	15.4	30.07	24.1	46.31	30.0	56.95	37.4	70.09	46.3	87.7	57.2	103.4							630
*710	17.4	38.28	27.2	58.87	33.9	72.5													710
*800	19.6	48.54	30.6	74.56	38.1	91.9													800
*900	22.0	61.23	34.4	94.68															900
*1000	24.5	75.80	38.2	116.4															1000
*1200	29.4	109.12	45.9	167.6															1200

SDR = Standard Dimension Ratio
Dn = Nominal Outside Diameter of the pipe
Di = Inside Diameter of the Pipe
En = Nominal Wall Thickness
PN = Nominal Pressure Rating (bar)

- Developed in the 1990's, PE-100 is the new generation grade with even better strength and more flow.
- MDPE (Medium Density polyethylene) of different grades are used for the manufacturing of Gas Pipes and cable ducting Pipes.



Why uPVC Pressure Pipe & Fitting

Applications

- Pot Water, Soil, Waste, Rain Water
- Ultra Pure Water and Sewage treatment Plant
- Swimming Pools
- Air Conditioning Refrigeration
- Food and Beverage processing
- R.O Plants
- Water Irrigation
- Cable & Telecommunication



Advantages

- Long life, Design life of 50 years according to ISO.
- Low transportation and handling cost
- No scaling or deposition of material
- Can resist wide range of chemicals
- Does not promote fire
- Reduce chances of short circuit
- Can be installed both inside and outside
- Reduces jointing and labor cost
- High Flexibility
- Quick & Easy Installation
- Maintenance Free



uPVC PRESSURE PIPE SPECIFICATION

AS PER BS-3505 (PS-3051/91)

Nominal Size	Mean Outside Diameter		Wall Thickness											
			Class B			Class C			Class D			Class E		
			6 Bar			9 Bar			12 Bar			15 Bar		
Inch	Min.	Max.	Averaged Value	Individual Value		Averaged Value	Individual Value		Averaged Value	Individual Value		Averaged Value	Individual Value	
			Max	Min.	Max.	Max	Min.	Max.	Max	Min.	Max.	Max	Min.	Max.
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
3/8	17.0	17.3	--	--	--	--	--	--	--	--	--	1.9	1.5	1.9
1/2	21.2	21.5	--	--	--	--	--	--	--	--	--	2.1	1.7	2.1
3/4	26.6	26.9	--	--	--	--	--	--	--	--	--	2.5	1.9	2.5
1	33.4	33.7	--	--	--	--	--	--	--	--	--	2.7	2.2	2.7
1 1/4	42.1	42.4	--	--	--	--	--	--	2.7	2.2	2.7	3.2	2.7	3.2
1 1/2	48.1	48.4	--	--	--	--	--	--	3	2.5	3	3.7	3.1	3.7
2	60.2	60.5	--	--	--	3.0	2.5	3.0	3.7	3.1	3.7	4.5	3.9	4.5
2 1/2	75.0	75.3	--	--	--	3.5	3.0	3.5	4.5	3.9	4.5	5.5	4.8	5.5
3	88.7	89.1	3.4	2.9	3.4	4.1	3.5	4.1	5.3	4.6	5.3	6.5	5.7	6.6
4	114.1	114.5	4.0	3.4	4.0	5.2	4.5	5.2	6.8	6.0	6.9	8.3	7.3	8.4
5	140.0	140.4	4.4	3.8	4.4	6.3	5.5	6.4	8.3	7.3	8.4	10.1	9.0	10.4
6	168.0	168.5	5.2	4.5	5.2	7.5	6.6	7.6	9.9	8.8	10.2	12.1	10.8	12.5
7	193.5	194.0	6.0	5.2	6.0	8.7	7.7	8.9	11.4	10.1	11.7	13.9	12.4	14.3
8	218.8	219.4	6.1	5.3	6.1	8.8	7.8	9.0	11.6	10.3	11.9	14.1	12.6	14.5
9	244.1	244.8	6.7	5.9	6.8	9.8	8.7	10.0	12.9	11.5	13.3	15.8	14.1	16.8
10	272.6	273.4	7.5	6.6	7.6	10.9	9.7	11.2	14.3	12.8	14.8	17.5	15.7	18.1
12	323.4	324.3	8.8	7.8	9.0	12.9	11.5	13.3	17.0	15.2	17.5	20.8	18.7	21.6
14	355.0	356.0	9.6	8.5	9.8	14.1	12.6	14.5	18.6	16.7	19.2	22.8	20.5	23.6
16	405.9	406.9	10.9	9.7	11.2	16.2	14.5	16.7	21.1	19.0	21.9	26.0	23.4	27.0
18	456.7	457.7	12.3	11.0	12.7	18.2	16.3	18.8	23.8	21.4	24.6	--	--	--
20	507.5	508.5	13.7	12.2	14.1	20.2	18.1	20.9	--	--	--	--	--	--
22	558.3	559.3	15.0	13.4	15.5	22.1	19.9	22.9	--	--	--	--	--	--
24	609.1	610.1	16.3	14.6	16.8	24.1	21.7	25.0	--	--	--	--	--	--

- 1- The Pipe Dimensions are in metric unit. However the given nominal (Diameter) Size of Pipe are in inches.
- 2- Pipe lengths = 3m, 4m & 6m (Above 6m, Pipes can be Manufactured on special request of customer)
- 3- Pipes are normally socketed at one end & both ends plain also available



Quality

Quality Assurance

EG Pipes and Fitting are guaranteed to have satisfies the required scales and standards. We have been awarded a certificate of ISO 9001-2008 by Gurdians Independence Certificates UKAS. Apart from uPVC resin which is purchased from ENGRO, the sole manufacturer in Pakistan, all its Raw Material is imported from the most renowned companies in the world such as Borealis, Sabic, Borouge, Basell and Lubrizol. EG Pipes and fitting are designed to meet various climate conditions of any area. Right quality at every stage, from raw material to finish good, is ensured and then each batch of our production is passed through intensive testing and monitoring in our highly equipped lab. Some of the tests that our quality control team conduct are:



Lab Testing Facility:

- Impact Testing
- Hydrostatic Pressure Test
- Heat Reversion Test
- Opacity Test
- Methylene Chloride Test
- Pipe Weight & Dimension
- De-lamination Test
- Fracture Toughness
- Specific Gravity
- Tensile Strength
- Izod Impact Test
- Melt Flow Index Test



CERTIFICATES



Certification:

- | | |
|-------|--|
| ISO | International Organization for Standardization |
| PSQCA | Pakistan Standards and Quality Control Authority |
| PEC | Pakistan Engineering Council |
| PCSIR | Pakistan Council of Scientific and Industrial Research |
| PTC | Plastics Technology Centre |

Pre-Qualified by:

- | | |
|-------|---|
| KW&SB | (Karachi Water & Sewerage Board) |
| DHA | (Defense Housing Authority) |
| HDA | (Hyderabad Development Authority) |
| CDGK | (City District Government of Karachi) |
| MDA | (Malir Development Authority) |
| PHED | (Public Health Engg. Department) Sindh / Balochistan / Hyderabad. |
| CBC | (Cantonment Board Clifton) |
| WASA | (Water and Sanitation Authority) |

Test conducted at different Laboratories:

- | | |
|-------|--|
| PCSIR | Pakistan Council of Scientific and Industrial Research |
| PSQCA | Pakistan Standards and Quality Control Authority |
| PTC | Plastics Technology Centre |

Piping *the* new world





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