

DURABILITY WITH STYLE AND TECHNOLOGY
LIFE TIME



COMPLETE SOLUTIONS FOR PIPES & FITTINGS
The Name of Quality, Trust & Experience



PSQCA



@Malik Corporation

ABOUT US

GM UPVC Pipe & Fitting is an advanced technology in PVC world and a sole brand of Al-Awan Industries (Company of Malik Corporation) established since 2010. Malik Corporation is a name of professionals having experience of more than 25 years in the field of Petrochemical across Pakistan.

Quality is our hallmark and with continuous research and development, Malik Corporation has achieved another landmark in quality making GM far better than other PVC brands.





USE OF GM UPVC SYSTEM

Pipe and fitting system is made for potable liquid (Till 59 C Max) and following installations:

- Pressure pipe for water supply of Home, Hospital, Hotel Buildings, Projects Hi-rise construction. Pressure distribution etc.
- Supply for refrigeration and air conditioning i.e. Chiller and boiling system.
- Drain, Sewerage & Sanitation.
- Irrigation, Sprinkling, Soil & waste systems.
- Potable for aggressive liquids like chemicals and non melting acids.
- Agricultural and Farming supply system.
- Industrial waste and chemical supply system.
- All kind of clean water supply and sewerage system for buildings.

GM UPVC PIPE AND
FITTINGS FOR YOUR

HOMES
FACTORIES
SHOPS
HOTELS

ADVANTAGES OF G.M UPVC SYSTEM

- UV Resistant (Ultra Violet Rays) makes GM Health friendly piping system. Weather friendly (Resists summer and winter extreme side effects)
- Chemical and Acid resistance, (non corrosive)
- Flame Retardant and Insulative from electricity.
- Low friction loss, High Impact resistant.
- Ultra high temperature manufacturing make GM more flexible, strengthen and long life.
- Pipe and fittings can easily be used with any other UPVC system.
- GM made on International Health & Quality standard.
- Insect & mice Germs and smell free.

AVAILABLE ON REQUEST

Material : Unplasticized polyvinyl chloride (UPVC)
 Color : White (other colors available on request)
 GM Manufacturing Standard : BS-3505 Equivalent to PS-3051/91

Normal Size (Inch)	Outside Diameter (mm)	CLASS B PIPE		CLASS C PIPE		CLASS D PIPE		CLASS E PIPE	
		Minimum thickness (mm) w/p6 bars	Weight Kgs/M	Minimum thickness (mm) w/p9 bars	Weight Kgs/M	Minimum thickness (mm) w/p 12bard	Weight Kgs/M	Minimum thickness (mm) w/p 15bard	Weight Kgs/M
1/2"	21.2	-	-	-	-	-	-	1.7	0.15
3/4"	26.2	-	-	-	-	-	-	1.9	0.22
1"	33.4	-	-	-	-	-	-	2.2	0.32
1-1/4"	42.1	-	-	-	-	2.2	0.41	-	-
1-1/2"	48.1	-	-	-	-	2.5	0.54	-	-
2"	60.2	-	-	2.5	0.68	3.1	0.82	-	-
2-1/2"	75.2	-	-	3.0	1.01	3.9	1.20	-	-
3"	88.7	2.9	1.17	3.5	1.41	4.6	1.82	-	-
4"	114.1	3.4	1.78	4.5	2.32	6.0	3.03	-	-
6"	168.0	4.5	3.46	6.6	5.01	8.8	6.75	-	-
8"	218.8	5.3	5.30	7.8	7.72	10.3	10.40	-	-
10"	272.6	6.6	8.26	9.7	12.30	12.8	16.00	-	-
12"	323.4	7.8	11.55	11.5	17.40	15.2	22.60	-	-
14"	355.0	8.5	13.87	12.5	20.7	16.2	26.49	-	-

ASTM-D 1785 SCH. 40 & ASTM-D 2241 SDR SERIES

Normal Size (Inch)	Outside Diameter (mm)	SCH-40		SDR-26	SDR-32.5	SDR-41	SDR-64	Normal Size (Inch)	Pressure Rating Bar
		Thickness (mm)	Pressure (mm)	Thickness (mm)	Thickness (mm)	Thickness (mm)	Thickness (mm)		
1/2	21.34	2.77	600	-	-	-	-		
3/4	26.67	2.87	480	-	-	-	-	2" SDR	11.0
1	33.40	3.38	450	-	-	-	-		
1-1/4	42.16	3.56	370	-	-	-	-	3" SDR32.5	8.62
1-1/2	48.26	3.68	330	-	-	-	-		
2	60.32	3.91	280	2.8	-	-	-	4" SDR 41	6.89
3	88.90	5.49	260	3.5	2.7	-	-		
4	114.30	6.02	220	4.5	4.0	3.2	-	6" SDR 41	6.89
6	168.28	7.11	180	-	5.20	4.5	3.2		
8	219.08	8.18	160	-	7.0	6.0	-	8" SDR 41	6.89

UPVC USA ASTM Standard DWV (Drain Water Ventilation)

ASTM D-2665 (Sch-40) DWV



P-Trap

2" 3" 4"



Plug Elbow

3" 4"



Plug Tee

3" 4"



Elbow 90°

3" 4" 6"



Elbow 45°

3" 4" 6"



Wye

3" 4" 6"



Tee

3" 4" 6"



Socket

3" 4" 6"

ASTM D-2466 (Sch-40)

90°



Elbow 2"

45°



Elbow 2"



Socket 2"



Tee 2"



Wye 2"



End Cap 2"



Floor Trap



Clean Out



Reducer Bush

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