

GULF PLAS مصانع بلاستيك الخليج ذ.م.م.
SINCE 1968 **Gulf Plastic Industries W.L.L.**

Quality Without Compromise





مصانع بلاستيك الخليج ذ.م.م. Gulf Plastic Industries W.L.L.

P.O BOX: 894, MANAMA
BAHRAIN INTERNATIONAL INVESTMENT PARK
HIDD INDUSTRIAL AREA
KINGDOM OF BAHRAIN
TEL: +973 17677757
FAX: +973 17670695

Sales Department

Tel: +973 17677832
Fax: +973 17670514
Email: gpisales@batelco.com.bh

Business Development Department

Tel: +973 17677829
Fax: +973 17670619
Email: gpibddoff@batelco.com.bh

Purchasing Department

Tel: + 973 17677830
Fax: +973 17670574
Email: gpigmoff@batelco.com.bh

Associate Company:

PLASTIC PRODUCT ESTABLISHMENT, K.S.A
TEL: +966 3 8980244
Fax: +966 3 8985097
Email: ppeksa@gulfplas.com.sa
gulfplasksa@hotmail.com

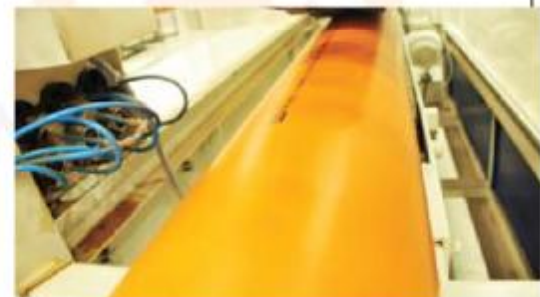
History of Excellence

Gulf Plastic Industries W.L.L., (GULFPLAS) incorporated in 1968 is one of the first industrial ventures established in Bahrain to manufacture thermoplastic pipes & fittings. We manufacture u-PVC, CPVC, PP-R, LDPE, HDPE pipes to internationally recognized standards including BS, ASTM, DIN, NEMA, AS and ISO recommendations.

The company is the first plastic processors established in the Middle East and it is presently located in Bahrain International Investment Park with a total industrial plot area of 30,000m².

Since its foundation in 1968, GPI has continuous process of increasing its production capacity by adding more production lines to meet its customer's requirements. After the recent successful commissioning of new Polypropylene (PP-R) pipes extrusion line, now we are glad to introduce new extrusion line to manufacture various sizes of MDPE & HDPE (High Density Polyethylene pipes).

GULFPLAS; is in the foremost of plastic technology and strives to retain this position. Quality has always been a cornerstone of our products and it's tested locally as well as in the UK, USA and Kuwait.



History of Excellence

The company takes pride in having participated in various infrastructure, housing and communication projects in Bahrain and its latest are Khalifa Bin Salman Hidd Port & Bahrain International Investment Park, Durrat Al-Bahrain, Amwaj Island, Bahrain Financial Harbor, City Garden, Bahrain World Trade Centre, Al Areen Water Park.

The major share of GULFPLAS products are exported (70%) to various neighboring countries such as K.S.A., Qatar, Kuwait, U.A.E., Jordan, Yemen, Oman, Pakistan and India and the balance 30% has supplied to the local market. The company has a strong presence in the Kingdom of Saudi Arabia through its Associate Company – Plastic Products Establishment, based at Al-Khobar.

The company consists of more or less 130 highly qualified professionals and skilled workers among them are 56% are Bahraini and 44% are expatriates. GULFPLAS proficient management team is head by Mr. Salman Ramadhan – General Manager.

GULFPLAS got the prestigious ISO 9002:1994 Certificate in February, 2000 and later upgraded to ISO 9001: 2000 in October 2006.

For further information, you may visit our website: www.gulfplas.com



2.4 CPVC Pipe for Elevated Temperature

The specification covers chlorinated polyvinyl chloride (CPVC) pipe made for water distribution at elevated temperature.

DIN 8079 / 8080						
Nominal Size mm	Outside Diameter (mm)		Wall Thickness (mm)		Pressure Rating Bars*	
	Minimum	Maximum	Minimum	Maximum	At 20°C	At 80°C
20	20.00	20.20	2.30	2.80	25.00	6.20
25	25.00	25.20	2.80	3.30	25.00	6.20
32	32.00	32.20	2.40	2.90	16.00	4.00
32	32.00	32.20	3.60	4.20	25.00	6.20
50	50.00	50.20	3.70	4.30	16.00	4.00
63	63.00	63.20	4.70	5.40	16.00	4.00

* 1 Bar = 14.50 P.S.I.

Manufactured to : DIN 8079 / 8080
 Standard Length : 4 metres
 Colour : Cream

5.3 CPVC Pipes for Elevated Temperature

The specification covers chlorinated polyvinyl chloride (CPVC) pipe made for water distribution at elevated temperatures

ASTM F-441						
Nominal Size Inch	Outside Diameter (mm)		Wall thickness (mm)			
			SCH 80		SCH 40	
	Min	Max	Min	Max	Min	Max
½	21.20	21.40	3.73	4.24	2.77	3.28
¾	26.60	26.70	3.91	4.42	2.87	3.38
1	33.27	33.53	4.55	5.08	3.38	3.89
1 ¼	42.07	42.33	4.85	5.43	3.56	4.07
1 ½	48.15	48.45	5.08	5.69	3.68	4.19
2	60.15	60.45	5.54	6.20	3.91	4.42
2 ½	72.84	73.20	7.01	7.85	5.16	5.77
3	88.70	89.10	7.62	8.53	5.49	6.15
4	114.07	114.53	8.56	9.58	6.02	6.73
6	168.02	168.58	10.97	12.29	7.11	7.97
8	218.72	219.48	12.70	14.22	8.18	9.17
10	272.67	273.43	15.06	16.86	9.27	10.39
12	323.47	324.23	17.45	19.53	10.31	11.55
14	355.22	355.98	19.05	21.34	11.10	12.45
16	405.92	406.88	21.14	23.71	12.70	14.22

Manufactured to : ASTM F-441

Standard Length : 6 metres

Colour : Grey

Pressure rating at 23°C & 83°C

Size (inch)	Pressure Rating (P.S.I)															
	½	¾	1	1 ¼	1 ½	2	2 ½	3	4	5	6	8	10	12	14	16
SCH 40	600	480	450	370	330	280	300	260	220	190	180	160	140	130	130	130
SCH 80	850	690	630	520	470	400	420	370	320	290	280	250	230	230	220	220

Temperature De-Rating Factors - CPVC Pipe

To be applied to 73.4°F working

Pressures with water for SCH 40 & 80 CPVC Pipe.

Working Temperature (°F)	D-Rating Factor
73	1.00
110	0.72
120	0.65
130	0.57
140**	0.50
150**	0.42
160**	0.40
170**	0.29
180**	0.25
200**	0.20

**Pipe should not be threaded. Use flanged joints, unions, or victaulic rolled groove couplings where disassembly is necessary. Operating temperatures above 140°F for PVC and 200°F for CPVC are not recommended.

BUREAU VERITAS
Certification



Certification

Awarded to

GULF PLASTIC INDUSTRIES W.L.L
P.O. BOX 894, MANAMA, KINGDOM OF BAHRAIN

Bureau Veritas Certification (Bahrain) certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the standard detailed below

STANDARD

ISO 9001:2008

SCOPE OF SUPPLY

MANUFACTURING AND SALES OF PVC PIPES FOR SOIL, WASTE, DUCT AND UNDERGROUND APPLICATIONS; POLYETHYLENE PIPES FOR IRRIGATION AND POTABLE WATER DISTRIBUTION; PRESSURE PIPES FOR COLD WATER, AGRICULTURE AND INDUSTRIAL APPLICATIONS; CPVC PIPES FOR HOT WATER DISTRIBUTION

Exclusions : 7.3 : Design and Development, 7.5.1(f) : Post delivery activities, 7.5.2 : Validation of processes for production and service provision, 7.5.4 : Customer Property

Original Approval Date: **24th February 2000**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **16th September 2012**

To check this certificate validity please call: **+97317877574**

Further clarifications regarding the scope of this certificate and the applicability of the Management System requirements may be obtained by consulting the organisation.

Certificate Number: **IND91555**

Date: **21st October 2009**


NICOLAS MEY
Country Chief Executive
BUREAU VERITAS CERTIFICATION
KINGDOM OF BAHRAIN

Bureau Veritas Certification using the accreditation certificate number 008



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*Certification Office Address: "Marwab Centre" 6th Floor, Krishnalal Marwab Marg, Opp. Ansa Industrial Estate, Off Saki Vibar Road, Andheri (East), Mumbai - 400 072, India.
Managing Office Address: Flat No. 11, Building No. 574, Road 1111, Tabli 711, Kingdom of Bahrain.*



