



PIPE
مواسير
حلول هندسية®

PPR PIPES FITTINGS

DIN STANDARD 8077/78

GERMAN 
Technology



**PRODUCT
CATALOG**



**SAUDI
MADE**

ENGINEERING PIPING SOLUTION SYSTEM

PPR PIPES AND FITTINGS



Lead Free



High Temp
Stability



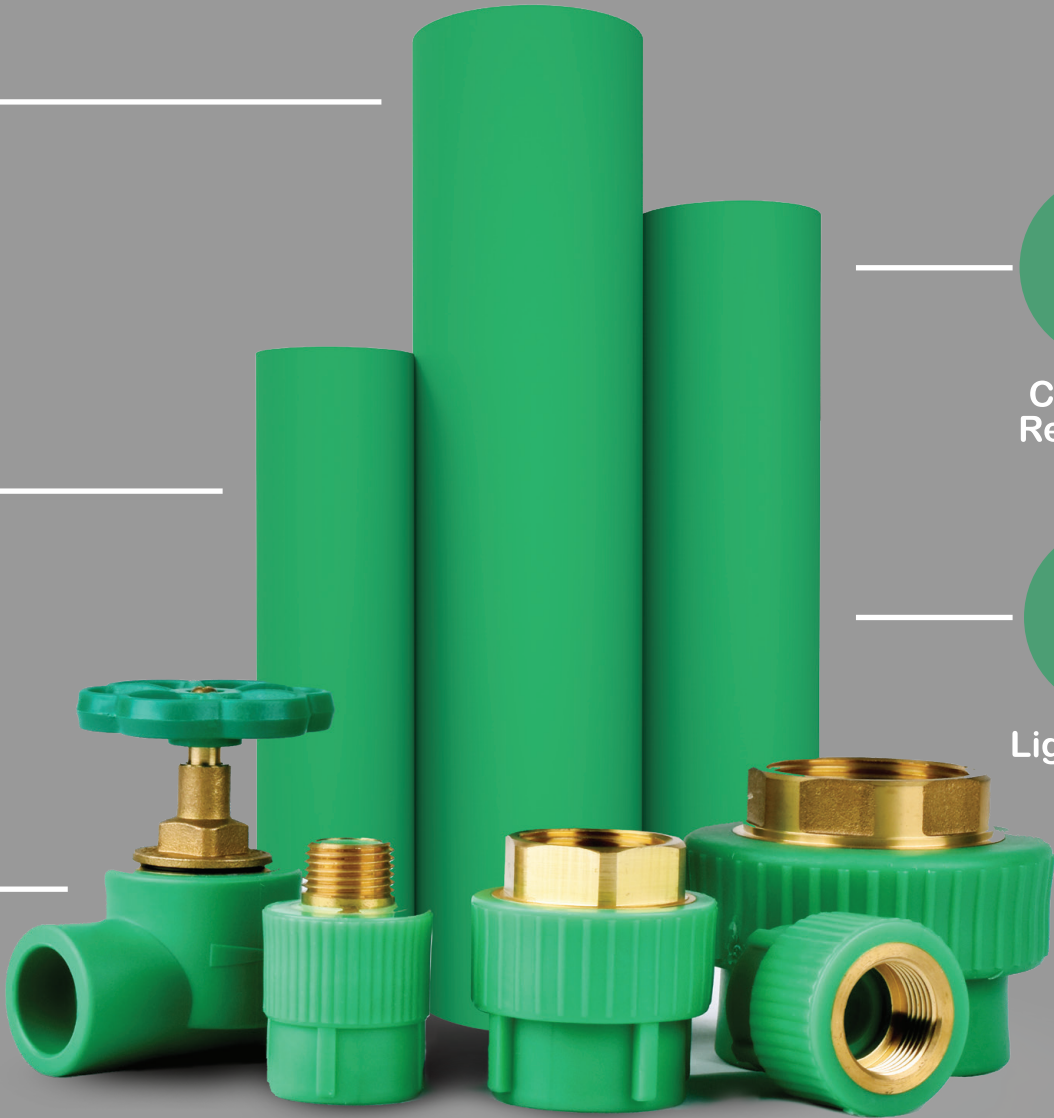
High Tensile
Rate



Chemical
Resistance



Light Weight



PIPE
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ABOUT US

3P Gulf Group is one of the biggest plastics converting group in the kingdom of Saudi Arabia, managed by a professional Team which has 45 years of successful history in setting up industrial ventures especially in the field of plastics. The Group, under its umbrella covers many familiar names like Gulf Packaging System (GPS), Prime Plastic Products Co. (3P) stretch Films Co. 3P Sanitary Solution (3P PIPE) 3P PIPE has decided to have total solution for sanitary system from which it can provide true and reliable products to meet the customer requirement from time to time.

3P PIPE was established in the year 2009 as the most located at Phase 5 of the industrial city Jeddah we are the leading manufacturers of PPR, PVC, CPVC pipe and Fittings under the brand name 3P Pipe has specialized in UPVC and CPVC products for over 17 years, priding itself in offering quality products and service to its customer in Egypt Gulf Manufactures (GM), Dubai (RAKtherm), When you need a company to fit your needs, 3P sanitary solution is there. It covers a facility area of 35,000 sqm with annual production capacity of 30,000 MT. The corporate members enjoy the awareness of latest technology and modern techniques of factory administration.

VISION

To provide the best piping and fittings solution while continually contributing to the Saudi economy and building shareholder value through the maintaining high standards and quality as our number one priority of all times.

MISSION

Our Values:

1. Commitment excellence
2. Customer driven
3. Integrity
4. Team work and involvement
5. Safety
6. Mutual trust and respect

MANAGEMENT RESPONSIBILITY AND QUALITY POLICY:

At 3P PIPE, we are committed to:

- Assess the quality of raw materials, semi finished goods and the final products at different stages of the production process.
- Ensure that the whole production process operates according to the desired standards, and in case of any deviation(s), necessary corrective action would be taken.
- Suggest measures and plans to improve the standard of goods produced without much of cost escalation.
- Develop quality consciousness among the various sections for our industrial units.
- Providing products of excellent quality that are consistent with the and expectations of our customers.
- Implementing and maintaining an effective quality management system.
- Starting for a right time approach to manufacture and commit on the delivery of products.

Products Characteristic

- High temperature stability
- High sound insulating
- Chemical resistance
- Resistance to electrochemical corrosion
- Resistance to stray electric current
- High impact rate
- Light weight
- Easy and clean installation,
- Easy welding
- Recyclable
- Low thermal conductivity
- High heat insulating
- Low loss of pressure

Healthy Choice

3P PPR pipes and fittings keeps the occupational Health and safety at the forefront of all the circumstances. Our management will continue to raise awareness on this issue and conduct all necessary trainings to ensure developing a clear policy for employees health ,safety, and protection in the working environment. This is to apply to product and process design, taking to the account the environmental impact. We strive to lay less waste to the environment, efficient use of natural resources and technologies that reduce the risk of occupational health and safety.

Warranty

We are providing - 25 years warranty for the entire piping network products from the date of installation., you can contact us for further information.



PRODUCT RANGE



3P PIPE: PP-R Pipe SDR 11 PN 10 Pipe Series 4 According To DIN 8077/8078.

Art Code No.	Pipe Size (mm)	Outer Diameter (OD) mm	Wall Thickness (T) mm	Internal Diameter (ID) mm	Water Content l/m	Weight Kg/m
PN10020G	20 mm	20	1.9	16.2	0.206	0.107
PN10025G	25 mm	25	2.3	20.4	0.327	0.164
PN10032G	32 mm	32	2.9	26.2	0.531	0.261
PN10040G	40 mm	40	3.7	32.6	0.834	0.412
PN10050G	50 mm	50	4.6	40.8	1.307	0.638
PN10063G	63 mm	63	5.8	51.4	2.075	1.010
PN10075G	75 mm	75	6.8	61.4	2.941	1.410
PN10090G	90 mm	90	8.2	73.6	4.254	2.030
PN100110G	110 mm	110	10	90	6.362	3.010



3P PIPE: PP-R Pipe SDR 7.4 PN 16 Pipe Series 5 According To DIN 8077/8078.

Art Code No.	Pipe Size (mm)	Outer Diameter (OD) mm	Wall Thickness (T) mm	Internal Diameter (ID) mm	Water Content l/m	Weight Kg/m
PN16020G	20 mm	20	2.8	14.4	0.163	0.148
PN16025G	25 mm	25	3.5	18	0.254	0.230
PN16032G	32 mm	32	4.4	23.2	0.415	0.370
PN16040G	40 mm	40	5.5	29	0.651	0.575
PN16050G	50 mm	50	6.9	36.2	1.029	0.896
PN16063G	63 mm	63	8.6	45.8	1.633	1.410
PN16075G	75 mm	75	10.3	54.4	2.307	2.010
PN16090G	90 mm	90	12.3	65.4	3.318	2.870
PN160110G	110 mm	110	15.1	79.8	5.674	4.300

PRODUCT RANGE



3P PIPE: PP-R Pipe SDR 6 PN 20 Pipe Series 6 According To DIN 8077/8078.

Art Code No.	Pipe Size (mm)	Outer Diameter (OD) mm	Wall Thickness (T) mm	Internal Diameter (ID) mm	Water Content l/m	Weight Kg/m
PN20020G	20 mm	20	3.4	13.2	0.137	0.172
PN20025G	25 mm	25	4.2	16.6	0.216	0.266
PN20032G	32 mm	32	5.4	21.2	0.353	0.434
PN20040G	40 mm	40	6.7	26.6	0.556	0.671
PN20050G	50 mm	50	8.3	33.4	0.866	1.040
PN20063G	63 mm	63	10.5	42	1.385	1.650
PN20075G	75 mm	75	12.5	50	1.963	2.340
PN20090G	90 mm	90	15	60	2.827	3.360
PN200110G	110 mm	110	18.3	73.4	4.208	5.010



3P PIPE: PP-R Pipe SDR 5 PN 25 Pipe Series 2 According To DIN 8077/8078.

Art Code No.	Pipe Size (mm)	Outer Diameter (OD) mm	Wall Thickness (T) mm	Internal Diameter (ID) mm	Water Content l/m	Weight Kg/m
PN25020G	20 mm	20	4.1	11.8	0.111	0.198
PN25025G	25 mm	25	5.1	14.8	0.178	0.307
PN25032G	32 mm	32	6.5	19	0.291	0.498
PN25040G	40 mm	40	8.1	23.8	0.461	0.775
PN25050G	50 mm	50	10.1	29.8	0.703	1.210
PN25063G	63 mm	63	12.7	37.6	1.137	1.910
PN25075G	75 mm	75	15.1	44.8	1.619	2.700
PN25090G	90 mm	90	18.1	53.8	2.336	3.880
PN250110G	110 mm	110	22.1	65.8	2.742	5.780

PRODUCT RANGE



Coupling Socket

Item Code	Dimension
CS20G	20 x 20 mm
CS25G	25 x 25 mm
CS32G	32 x 32 mm
CS40G	40 x 40 mm
CS50G	50 x 50 mm
CS63G	63 x 63 mm
CS90G	90 x 90 mm

Tee 90°

Item Code	Dimension
T9020G	20 x 20 mmt
T9025G	25 x 25 mm
T9032G	32 x 32 mm
T9040G	40 x 40 mm
T9050G	50 x 50 mm
T9063G	63 x 63 mm
T9090G	90 x 90 mm



Coupling Reducer Socket

Item Code	Dimension
CSR25x20G	25 x 20 mm
CSR32x20G	32 x 20 mm
CSR32x25G	32 x 25 mm
CSR40x32G	40 x 32 mm
CSR50x32G	50 x 32 mm

Elbow 45°

Item Code	Dimension
E4520G	20 x 20 mm
E4525G	25 x 25 mm
E4532G	32 x 32 mm
E4540G	40 x 40 mm
E4563G	63 x 63 mm



Elbow 90°

Item Code	Dimension
E9020G	20 x 20 mm
E9025G	25 x 25 mm
E9032G	32 x 32 mm
E9040G	40 x 40 mm
E9050G	50 x 50 mm
E9063G	63 x 63 mm
E9090G	90 x 90 mm

End Cap

Item Code	Dimension
EC20G	20mm
EC25G	25 mm
EC32G	32 mm
EC40G	40 mm
EC50G	50 mm
EC63G	63 mm
EC90G	90 mm



Saddle Socket

Item Code	Dimension
SS63x32G	63 x 32 mm
SS90x32G	90 x 32 mm

Pipe Bracket

Item Code	Dimension
BT20G	20mm
BT25G	25 mm
BT32G	32 mm



PRODUCT RANGE



End Plug (Male Thread)

Item Code	Dimension
EPM1/2G	1/2 Inch
EPM3/4G	3/4 Inch

Tee Reducer

Item Code	Dimension
TR9025x20G	25 x 20 x 25 mm
TR9032x20G	32 x 20 x 32 mm
TR9032x25G	32 x 25 x 32 mm
TR9050x25G	50 x 25 x 50 mm
TR9063x32G	63 x 32x 63 mm
TR9063x50G	63 x 50 x 63 mm
TR9090x63G	90 x 63 x 90 mm



Over Bridge Socket

Item Code	Dimension
OBS25G	25 mm
OBS32G	32 mm

Elbow Spigot (Male & Female)

Item Code	Dimension
ES90MF25G	25 x 25 mm
ES90MF32G	32 x 32 mm



Socket Welding Union

Item Code	Dimension
SWU25G	25 mm
SWU32G	32 mm
SWU63G	63 mm

Elbow Reducer

Item Code	Dimension
ER9032x25G	32 x 25 mm
ER9040x32G	40 x 32 mm



End Cap Light

Item Code	Dimension
ECL25G	25 mm
ECL32G	32 mm

Tee Cross

Item Code	Dimension
TC9025G	25 mm
TC9032G	32 mm



PRODUCT RANGE



Elbow 90° Brass Male

Item Code	Dimension
EBM9025x1/2G	25 mm x 1/2
EBM9025x3/4G	25 mm x 3/4
EBM9032x3/4G	32 mm x 3/4
EBM9032x1G	32 mm x 1

Valve Body Brass Female

Item Code	Dimension
VBFB20x3/4G	20 x 3/4
VBFB25x3/4G	25 x 3/4
VBFB32x1G	32 x 1
VBFB40x11/4G	40 x 11/4



Elbow 90°

(Brass Female)

Item Code	Dimension
EBF9020x1/2G	20 x 1/2
EBF9020x3/4G	20 x 3/4
EBF9025x1/2G	25 x 1/2
EBF9025x3/4G	25 x 3/4
EBF9032x3/4G	32 x 3/4



Tee 90°

(Brass Female)

Item Code	Dimension
TBF9020x1/2G	20 x 1/2 x 20
TBF9025x1/2G	25 x 1/2 x 25
TBF9025x3/4G	25 x 3/4 x 25
TBF9032x1/2G	32 x 1/2 x 32
TBF9032x3/4G	32 x 3/4 x 32
TBF9032x1G	32 x 1 x 32



Coupling Round

(Brass Male)

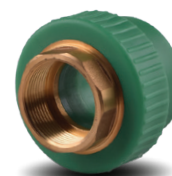
Item Code	Dimension
CBM20x1/2G	20 x 1/2
CBM25x1/2G	25 x 1/2
CBM25x3/4G	32 x 3/4



Coupling Hexagon

(Brass Female)

Item Code	Dimension
CBF632x1G	32 x 1
CBF640x11/4G	40 x 11/4
CBF650x11/2G	50 x 11/2
CBF663x2G	63 x 2
CBF690x3G	90 x 3



Coupling Union Hexagon

(Brass Male)

Item Code	Dimension
CUBM6-25x3/4G	25 mm x 3/4"
CUM6-32x1G	32 mm x 1"
CUBM6-63x2G	63 mm x 2"



Coupling Union Hexagon

(Brass Female)

Item Code	Dimension
CUF6-25x3/4G	25 mm x 3/4"
CUF6-32x1G	32 mm x 1"
CUF6-63x2G	63 mm x 2"



PRODUCT RANGE



Coupling Round (Brass Female)

Item Code	Dimension
CBF20x1/2G	20 x 2/1
CBF25x1/2G	25 x 2/1
CBF25x3/4G	25 x 3/4

Wall Double Elbow (Brass Female)

Item Code	Dimension
WDE25x1/2G	25 x 1/2



Coupling Hexagon (Brass Female)

Item Code	Dimension
CBM632x1G	32 x 1
CBM640x11/4G	40 x 11/4
CBM650x11/2G	50 x 11/2
CBM663x2G	63 x 2
CBM690x3G	90 x 3



Manifold Port (4 Branches)

Item Code	Dimension
M4P63x25G	63 x 25 mm
M4P63x32G	63 x 32 mm



Wall Elbow Female Brass

Item Code	Dimension
WE25x1/2G	25 x 1/2



Concealed Valve Standard (Brass Chrome)

Item Code	Dimension
CV4L20x3/4G	20 x 3/4
CV4L25x3/4G	25 x 3/4
CV4L32x1G	32 x 1
CV4L40x11/4G	40 x 11/4



Check Valve Swing (Double Union)

Item Code	Dimension
CVS832x1G	32 mm x 1"



Concealed Valve Short (Brass Chrome)

Item Code	Dimension
CV420x3/4G	20 x 3/4
CV425x3/4G	25 x 3/4
CV432x1G	32 x 1
CV540x11/4G	40 x 11/4



PRODUCT RANGE



Angle Valve
(Brass Nickle Chrome)

Item Code	Dimension
AV61/2x1/2	1/2 x 1/2



Ball Valve Brass
(Double Welding Union)

Item Code	Dimension
BV225x3/4G	25 x 3/4 x 25
BV232x1G	32 x 1 x 32
BV263x2G	63 x 2 x 63



Ball Valve Welding
(Brass)

Item Code	Dimension
BV332x1G	32 x 1 x 32



Down Stop Globe Valve
(Brass)

Item Code	Dimension
GV120x3/4G	20 x 3/4 x 20
GV125x3/4G	25 x 3/4 x 25
GV132x1G	32 x 1 x 32
GV140x11/4G	40 x 11/4 x 40



Check Vertical Valve

Item Code	Dimension
CVV7-32x1G	32 mm x 1





LIST OF ABBREVIATIONS

Abbreviation	Meaning
ANSI	American National Standard
ASME	American Society of Mechanical Engineers
ASA	Americal Standard Association
ASTM	American Society ofr Testing and Materials
AWWA	American Water Works Association
BS	British Standard
DIN	Deutsche (German) Industrie-Normen
ISO	International Standardization Organization
UPVC	Unplasticized Polyvinyl Chloride
EPDM	Ethylene Propylene Rubber
FPM	Flourine Rubber, e.g. Viton
NBR	Nitrile Rubber
PTFE	Polytetraflouroethylene, e.g. Teflon
UP-GF	Unsaturated Polyester Resin Glass Fiber Reinforced
Kg	Weight in Kilograms
EVA	Ethylene Vinyl Acetate
HDPE	High Density Polyethylene
PE	Polyethylene
PP	Polypropylene
PPR	Polypropylene Randon Co-Polymer
PVC	Polyvinyl Chloride
CPVC	Chlorinated Polyvinyl Chloride
REX	Crosslined Polyethylene
SDR	Standard Dimension Ratio
NSF	National Sanitation Foundation
PA	Polyamide (Nylon)
CaCO₃	Calcium Carbonates

من نحن

المجموعة الخليجية 3P هي واحدة من أبرز الشركات المصنعة لحلول التغليف والمواسير في جدة . المملكة العربية السعودية . المجموعة معروفة بإنتاجها عالي الجودة من نظام التعبئة والتغليف و المواسير ولها أساس قوي في هذه الصناعة حتى أصبحت شريكاً أساسياً للماركات المشهورة .

منتظمتنا تتألف من الموظفين الملتزمين والمتحمسين , نحن الآن نهدف الى توسيع مجموعتنا لتشمل إنتاج الأنابيب الحرارية (البولي بروبيلين) ذات خصائص مميزة غير قابلة للتآكل ومقاومتها الكيميائية ممتازة بالإضافة الى المرونة والأمان ونحن قادرون على تصنيع المنتجات لتوفر حل مستدام في هذه الصناعة . ونحن فخورون بأن في كل خطوه جديدة نتخذها . نطمح بها أن نكون المنتج الريادي والقيادي في العالم

في عام 1992 ، بدأت 3P لحلول الانابيب إنتاجها في مصنع 100,000 متر مربع بسعة إنتاج 30,000 طن سنوياً ، مجهز تجهيزاً كاملاً بأحدث آلات الحقن والقوالب ، اليوم أنابيب 3P الحرارية موثوقة وقادرة على النجاح .

رؤيتنا

العمل على تأكيد هدفنا و رؤيتنا المتضمنة في الجودة العالية للمنتج بمواصفات ومعايير دقيقة والعمل باستمرار على مستوى الإقتصاد السعودي والمساهمة بشكل كبير في الرفع من شأن صناعتنا السعودية لتكون الأفضل دوماً بالإضافة . الى إرضاء المستهلك بمنتج ممتاز بمستوى التطلعات

رسالتنا

أن نكون على قمة المستويات الاحترافية والتخصص في تقديم منتجاتنا وخدماتنا في مجال المقاولات.حيث أننا نتطلع أن نستمر على طريق الثقة الممتدة بيننا وبين عملائنا الكرام من خلال تقديمنا لمنتجات وخدمات أفضل تضمن المحافظة . الأرتقاء باسم وسمعة المجموعة

الخصائص الرئيسية للمنتجات

- صحية وملائمة للبيئة المحيطة.
- الثبات في درجات الحرارة العالية.
- ضد التآكل الكيميائي والتلف.
- خالية من الترسبات.
- مقاومة التيارات الكهربائية.
- سهولة التركيب والنظافة باللحام.
- عزل عالي للحرارة ومقاومة للكيماويات.
- خفيفة الوزن ضد الصدمات.

الخيار الصحي

مجموعة 3P من أولوياتها الصحة والسلامة وهذا هو شعارها منذ دخولها للصناعة لا سيما أن المواسير منتج طويل الأمد لذلك الصحة والسلامة والجودة العالية مطلب أساسي لنجاح منتجاتنا.

الضمان

نقدم ضمان على منتجاتنا لمدة 25 عام لجميع منتجاتنا في المواسير وللأستفسار والمساعدة يرجى الإتصال بنا.



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