

FILMAX

BG FILMACO VENTURE CORPORATION

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PROJECT LISTS

- **SM Legazpi**
- **SM Ormoc**
- **SM Baguio Expansion**
- **SM Megatower**
- **SM Bataan**
- **City Mall Baluan**
- **City Malls Ozamiz**
- **City Malls Mandalagan**
- **City Malls Iponan CDO**
- **DMCI Homes Oak Harbour**
- **DMCI Homes Celandine**
- **DMCI Homes Prisma**
- **DMCI Homes Infina**
- **DMCI Homes Alea**
- **DMCI Homes Calathea**
- **Choice Market**
- **Red Hotel Pasay**
- **Mandaue City Public Market**
- **Robinsons Chimes Greenhills**
- **Sky Villas Tower at Andrea North**
- **Avila Tower**
- **Robinsons Supermarket Bataan**
- **Chobi-Chobi Restaurant – Cebu**
- **1521 Hostel – Cebu**
- **Symfoni Ramias**
- **Bloomfield Homes**
- **Cerritos Homes**
- **St. Benedict Homes**
- **San Carlos Homes Phase 1 & 2**
- **Casa Guadalupe Homes**
- **St. Vincent Homes Phase 2**
- **San Antonio Homes**
- **Palos Verdes**
- **18 IMall Bayan Antipolo**
- **H 19 IMall Famy Laguna**
- **The Skysuites Tower**
- **Palma Residence – Antipolo**
- **Red Hotel Cubao**
- **International Residence Hall – ADMU**
- **Regalia Tower C**
- **Bayshore 2**
- **CIDH**
- **Hamilton 2**
- **Mexico Farm**
- **Pamana Hospital**
- **Golden Heights Pasig City**
- **Tulip Garden**
- **Biopatch Clinic Diagnostic (Covid Laboratory)**
- **Bayport West (Towers 2-7)**
- **NCC Mall Parking**
- **Robinsons Gapan Supermarket**

Good tools are essential things



Product Certificates

Professional Institutions Approval

Products' quality is approved by different domestic and foreign professional testing organizations. Product has been highly praised by customers and the markets.



The International SGS Certification



The European Union CE safety Certification



Internationally Recognized Certification



China's Conformity Assessment Accreditation Council for National Certification



Germany DasKunststoff-Zentrum



ISO 9001 Quality System Certification



National Inspection - Free Product



PICC Insurance Products



China Compulsory Certification



Australia Watermark Certification Scheme



China Top Brand



Underwriter Laboratories Inc



The Spanish Association for Standardization and Certification



Canadian Standards Association

Gost Soncap Certification



Water Research Advisory Scheme

ISO14001 Environment System Certification

Chinese Antibacterial Mark

Elaborate Production & Testing



ProductRange

Pipe series: PP-R PIPE SDR 7.4/S3.2/PN16

Color: White & Green

Length: 4M straight length or according to customer requirement

PIPE		DIAMETER	THICKNESS	INTERNAL DIAMETER
SIZE	QTY	d	s	di
20x2.8mm	100m	20mm	2.8mm	14.4mm
25x3.5mm	60	25mm	3.5mm	18.0mm
32x4.4mm	40	32mm	4.4mm	23.2mm
40x5.5mm	28	40mm	5.5mm	29.0mm
50x6.9mm	16	50mm	6.9mm	36.2mm
63x8.7mm	12	63mm	8.7mm	45.6mm
75x10.1mm	8	75mm	10.1mm	54.8mm
90x12.3mm	4	90mm	12.3mm	65.4mm
110x15.1mm	4	110mm	15.1mm	79.8mm
160x21.8mm	4	160mm	21.8mm	116.4mm

Pipe series: PP-R PIPE SDR 6.0/S2.5/PN20

Color: White & Green

Length: 4M straight length or according to customer requirement

PIPE		DIAMETER	THICKNESS	INTERNAL DIAMETER
SIZE	QTY	d	s	di
20x3.4mm	100m	20mm	3.4mm	14.4mm
25x4.2mm	60	25mm	4.2mm	18.0mm
32x5.4mm	40	32mm	5.4mm	23.2mm
40x6.7mm	28	40mm	6.7mm	29.0mm
50x8.3mm	16	50mm	8.3mm	36.2mm
63x10.5mm	12	63mm	10.5mm	45.6mm
75x12.3mm	8	75mm	12.3mm	54.8mm
90x15.0mm	4	90mm	15.0mm	65.4mm
	4	110mm	18.3mm	79.8mm

ProductRange-PPRFITTINGS



PPR raw material particles **100%** imported raw materials, to ensure water quality safety



Bearing high temperature, high pressure, pipeline's transportation water temperature can be up to **95°C**



Coefficient of thermal conductivity is only one over two hundred of metal pipe, used for hot water pipe heat preservation and heat insulation excellent results

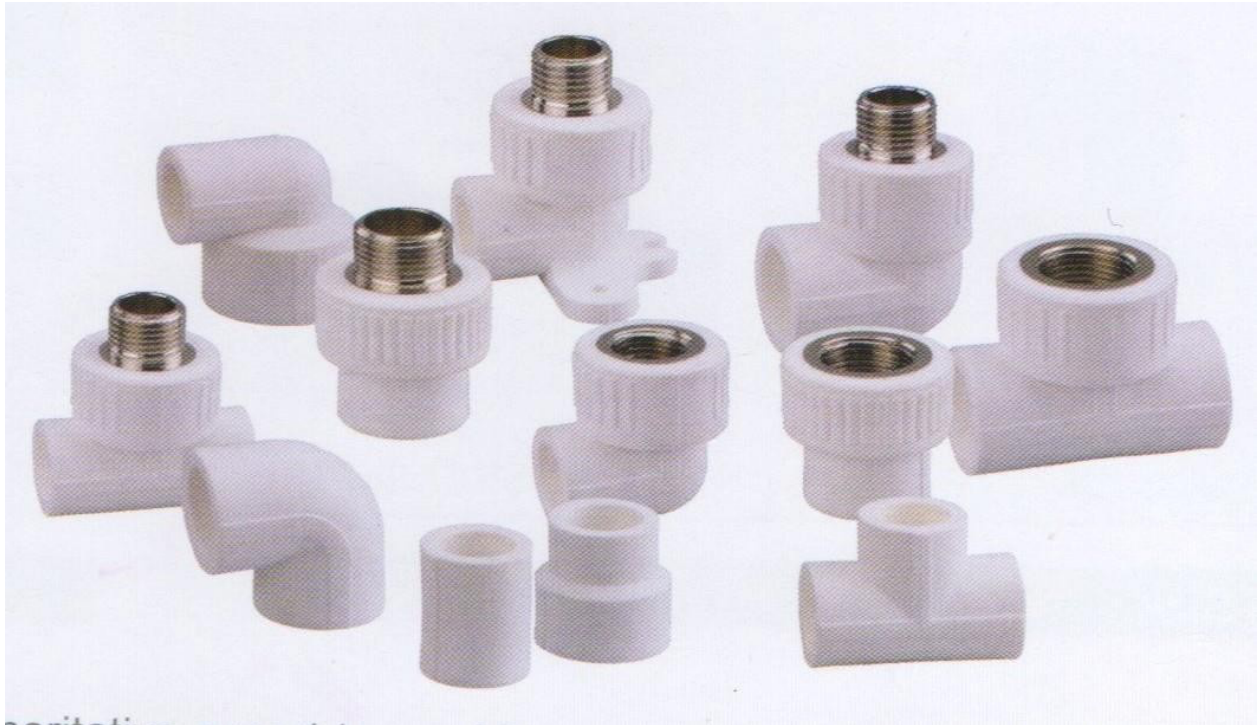



Used under the normal pressure and temperature, the service life could be up to 50 years




Copper pieces of more durable
Informed the copper pieces by repeated tensile and USES a stamping copper bar material, can fully guarantee the use intensity and service life.


ProductRange-PPRFITTINGS



Size	MD 3001
S20	
S25	
S32	
S40	
S50	
S63	

Size		MD 3002
S25X20	S50X32	
S32X20	S50X40	
S32X25	S63X20	
S40X20	S63X25	
S40X25	S63X32	
S40X32	S63X40	
S50X20	S63X50	
S50X25		


Size	MD 3003
L20	
L25	
L32	
L40	
L50	
L63	
	90° Elbow

Size		MD 3004
L25X20	L50X25	
L32X20	L50X32	
L32X25	L50X40	
L40X20	L63X32	
L40X25	L63X40	
L40X32	L63X50	
L50x20		

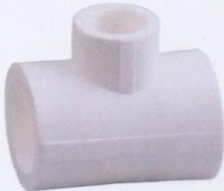
Product Range-PPRFITTINGS

Size	MD 3005
L20	
L25	
L32	
L40	
L50	
L63	


45° Elbow

Size	MD 3006
T20	
T25	
T32	
T40	
T50	
T63	

Equal Tee

Size	MD 3007	
T25X20	T50X32	
T32X20	T50X40	
T32X25	T63X20	
T40X20	T63X25	
T40X25	T63X32	
T40X32	T63X40	
T50X20	T63X50	
T50X25		

Reducing Tee

Size	MD 3008
L20	
L25	
L32	
L40	

Bridge

Size	MD 3009	
S20X1/2M	S32X3/4M	
S20X3/4M	S32X1M	
S25X1/2M	S40X1 1/4M	
S25X3/4M	S50X1 1/2M	
S32X1/2M	S63X2M	

Male Connector

Size	MD 3010	
S20X1/2F	S32X3/4F	
S20X3/4F	S32X1F	
S25X1/2F	S40X1 1/4F	
S25X3/4F	S50X1 1/2F	
S32X1/2F	S63X2F	

Female Connector

Size	MD 3011	
L20X1/2M	L32X3/4M	
L20X3/4M	L32X1M	
L25X1/2M	L40X1 1/4M	
L25X3/4M	L50X1 1/2M	
L32X1/2M	L63X2M	

Male Elbow

Size	MD 3012	
L20X1/2F	L32X3/4F	
L20X3/4F	L32X1F	
L25X1/2F	L40X1 1/4F	
L25X3/4F	L50X1 1/2F	
L32X1/2F	L63X2F	

Female Elbow


Product Range-PPR FITTINGS


Size		MD 3013
T20X1/2M	T32X3/4M	
T20X3/4M	T32X1M	
T25X1/2M	T40X1 1/4M	
T25X3/4M	T50X1 1/2M	
T32X1/2M	T63X2M	

Size		MD 3014
T20X1/2F	T32X3/4F	
T20X3/4F	T32X1F	
T25X1/2F	T40X1 1/4F	
T25X3/4F	T50X1 1/2F	
T32X1/2F	T63X2F	

Size	MD 3015
ZL20X1/2M	
ZL20X3/4M	
ZL25X1/2M	
ZL25X3/4M	
ZL32X1M	
Male Elbow With Pedestal	

Size	MD 3016
ZL20X1/2F	
ZL20X3/4F	
ZL25X1/2F	
ZL25X3/4F	
ZL32X1F	
Female Elbow With Pedestal	

Size		MD 3017
20	63	
25	75	
32	90	
40	110	
50	160	
End Cap		

Size	MD 3018
20X1/2	
20X3/4	
25X1/2	
Double Elbow	

Size	MD 3019
T20X1/2	
T25X1/2	
T25X3/4	
Tee Union	

Size	MD 3020
L20X1/2	
L20X3/4	
L25X1/2	
L25X3/4	
L25X1	
L32X1	
Elbow Union	

ProductRange-PPRTOOLS

Size

MD 5009

φ 20~32

φ 20~63

φ 75~110

φ 110~160



Luxurious Welding Machine (With Iron Box)

Size

MD 5011

φ 20~32

φ 20~63

φ 75~110

φ 110~160



Hot-melt Machine (Automatic With Iron Box)

Size

MD 5013

φ 16~40



Scissors (For PPR Pipe)

Size

MD 5015

φ 3~28

φ 14~63

φ 50~125



Pipe Cutter

Size

MD 5010

25 bar

40 bar



Pressure Pump

Size

MD 5012

φ 20~32

φ 20~63

φ 75~110

φ 110~160



Hot-melt Machine (With Plastic Box)

Size

MD 5014

φ 14~32



Scissors (For Aluminium Plastic Composite Pipe)

Size

MD 5016

φ 20~63



Long Pole Scissors

Product Range-Installation Instructions

PP-R pipes and fittings should be connected through thermal melting or electric melting, relevant set of welding machine or tool is supplied by us. Pipe installation and operation must comply with relevant technology regulation and usage requirement for welding machine tool.

Welding Key points

Cut the part of pipe at right angle to pipe axis with pipe cutter, take care that pipe axis is free from burrs or cutting chips and remove if necessary.

Don't start operation until green light is on.

Welding parts of pipes and fittings must be kept dry, cleanness, no oil.

Marking welding depth at end of pipe and fittings with proper pen and measure in accordance with following table.

After stipulate the heating time, quickly remove pipe and fitting from welding die, joining them immediately with average and without turning until the marked depth is bead of PP-R from the fitting.

Joint elements have to be fixed during the specified assembly time. Use time to correct the connection. The connection is only



Dimension (mm)	Welding Depth (mm)	Heating Time (s)	Welding Time (s)	Cooling Time (min)
16	13.0	5	4	2
20	14.0	5	4	2
25	15.0	7	4	2
32	16.5	8	6	4
40	18.0	12	6	4
50	20.0	18	6	4
63	24.0	24	8	6
75	26.0	30	8	8
90	29.0	40	8	8
110	32.5	50	10	8
160	55.0	60	15	10

restricted to the alignment of pipe and fitting. Never turn the elements or align the connection after the processing time.



TEST REPORT

ITDI-112023-PPT-0526

Customer's Name : BG Filmaco Venture Corp.
Address : 38 Road 12 St., FCI Warehouse NDC Compound Pureza, Sta. Mesa, Manila
Contact Details : (02) 8353 8881
Date Received : November 6, 2023

Sample Code : PPT-2023-1279 to 1281
Sample Name : **PPR Pipes Fused to End Cap**
Sample Description : PPT-2023-1279: Brand: FILMAX, 20mm dia, 5pcs
: PPT-2023-1280: Brand: FILMAX, 25mm dia, 5pcs
: PPT-2023-1281: Brand: FILMAX, 32mm dia, 5pcs
For client's reference.
Date(s) Tested : November 22 to 23, 2023

Sample Code	Pressure Setting, bars (± 1%)	Temp. Setting, °C (± 1%)	Dimension, mm			Observation
			Mean		Min.	
			L	OD	WT	
PPT-2023-1279_1	68.4	20.0	410	20.3	3.57	No Failure Occurred
PPT-2023-1279_2	67.0	20.0	409	20.3	3.52	No Failure Occurred
PPT-2023-1279_3	69.5	20.0	410	20.3	3.44	No Failure Occurred
PPT-2023-1280_1	64.0	20.0	426	25.6	4.27	No Failure Occurred
PPT-2023-1280_2	65.7	20.0	425	25.7	4.37	No Failure Occurred
PPT-2023-1280_3	62.1	20.0	425	25.7	4.17	No Failure Occurred
PPT-2023-1281_1	65.1	20.0	450	32.2	5.44	No Failure Occurred
PPT-2023-1281_2	65.9	20.0	444	32.2	5.50	No Failure Occurred
PPT-2023-1281_3	65.9	20.0	447	32.2	5.50	No Failure Occurred

Test Parameters

Test Method : ISO 1167 Adapted
Duration of Test, Hour : 1
No. of Replicate Test : 3
Type of End Cap Used : Type A
Nature of Test : Water
Instrument used : IPT Hydrostatic Testing Machine
Conditioning Atmosphere :
Temperature, °C : 23 ± 2
Relative Humidity, % : 50 ± 5

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December 4, 2023
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Quality Life and Products through Testing

