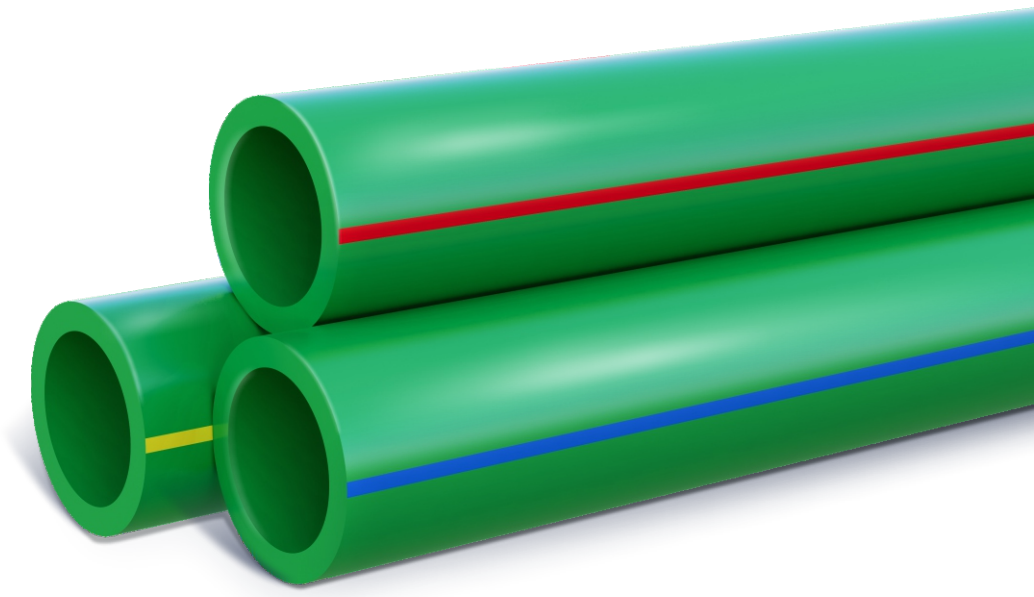
AMD

PIPA & FITTING PP-R



PP-R Pipes and Fittings For The Distribution Of Clean Water, Made From Polypropylene Random Copolymer (PPRC)

PRODUCT CATALOG

APPLICATION

Water Supply

Hot & Cold Water

Dear Valued Customer

PT. AMD PIPING SYSTEM Founded in 2020, it is a company operating in the most complete piping sector in Indonesia. Offers products such as Pipes, Fittings, Valves, Accessories, Machinery, Equipment & Piping System.

We focus on serving customers in the Infrastructure, Housing, Commercial, Industrial, Mining, Maritime, Agricultural and Plantation sectors.

AMD's goal is to offer high-quality products and services to meet customer needs.

AMD manages its business in accordance with standards

ISO 9001:2015
Quality Management System Certificate
ISO 14001:2015
Environmental Management System Certificate
ISO 45001:2018
Safety and Health Management System Certificate

ISO9001 ISO14001 ISO45001 KAN Komite Akreditasi Nasional

PT. AMD PIPING SYSTEM Berdiri sejak tahun 2020 merupakan Perusahaan yang bergerak di bidang perpipaan terlengkap di Indonesia. Menawarkan produk-produk seperti Pipa, Fitting, Valve, Accesories, Mesin, Peralatan & Sistem Perpipaan.

Kami fokus melayani pelanggan di bidang Infrastruktur, Perumahan, Komersial, Industrial, Pertambangan, Kelautan, Pertanian dan Perkebunan.

Tujuan AMD adalah menawarkan produk dan layanan berkualitas tinggi untuk memenuhi kebutuhan pelanggan .

AMD mengelola usaha sesuai dengan standard

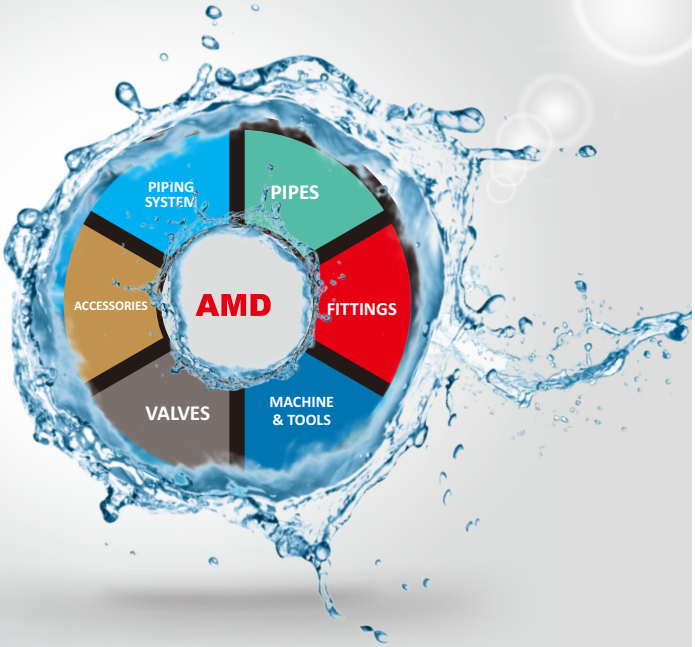
ISO 9001:2015
Sertifikat Sistem Manajemen Mutu
ISO 14001:2015
Sertifikat Sistem Manajemen Lingkungan
ISO 45001:2018
Sertifikat Sistem Manajemen Keselamatan dan Kesehatan

PIPING SYSTEM TOTAL SOLUTION

Pipes, Fittings, Mesin & Tools
Valves, Accesories, Piping System

All Application

Water Supply
Drainage & Sewerage
Gas Supply
Mining
Agriculture
Marine
Electricaal & Telecom
Fire Protection
Hot & Cold Water



CONTENTS

Illustration of commercial mark included in Pipe's and Fitting's publicity materals :

AMD

2.1. Pipa PP-R

Pipa PP-R adalah produk pipa air lengkap untuk kebutuhan air panas & dingin bertekanan dengan jenjang produk yang luas. Materialnya dari bahan Polypropylene Random (PP-R) type 3 atau PP-R 80. Menggunakan sistem penyambungan heat fusion dengan alat pemanas socket fusion, sehingga hasil penyambungan menjadi homogen atau senyawa sehingga menjamin kekuatannya, anti kebocoran, bebas perawatan & didesain agar mampu digunakan hingga 50 tahun.

1. Keterangan Produk

Nama Produk	AMD PIPA PP-R
Raw material	RANDOM POLYPROPYLENE
Warna Produk	HIJAU
Standard	ISO 15874-2

2. Spesifikasi Produk

Pressure Nominal	PN12.5, PN16, Pn20
Nominal Diameter	20 - 160 mm

3. Aplikasi Produk

1. Jaringan Air Panas Dan Air Dingin
2. Sistem HVAC (Heating, Ventilation, and Air Conditioning)
3. Sistem Plumbing Gedung
4. Sistem Pengairan (Irigasi)
5. Sistem Pipa Industri
6. Aplikasi Sanitasi

4. Standard Kualitas

SNI ISO TKDN

5. Spesifikasi Teknik

Properti	PE 100
Specific Gravity, g/cm3 (20° C)	0.89 - 0.91
Tensile Strength, MPa	≥ 20
Modulus of Elasticity, N/mm2 (20° C)	800
Thermal Conductivity, w/mK (20° C)	0.23 - 0.24
Coefficient of Linear Expansion, mm/mK	0.14 - 0.16
Longitudinal Reversion, % (135° C, 2h)	< 2
Hydraulic Pressure Test	
20° C, 1h, Hoop Stress is 16MPa	No Failure
95° C, 1000h, Hoop Stress is 3.5MPa	No Failure
110° C, 8760h, Hoop Stress is 1.90MPa	No Failure

Straight Pipe

SIZE		e (mm)		
inch	mm	PN 1.25	PN 1.6	PN 2.0
20	½	20	2.3	2.8
25	¾	25	2.8	3.5
32	1	32	3.6	4.4
40	1-¼	40	4.5	5.5
50	1-½	50	5.6	6.9
63	2	63	7.1	8.6
75	2-½	75	8.4	10.3
90	3	90	10.1	12.3
110	4	110	12.3	15.1
160	6	160	17.9	21.9

6. Keunggulan Produk

1. Ketahanan suhu tinggi
memiliki tingkat sustained working pressure lebih dari 70º celcius dan memiliki tingkat transient temperature lebih dari 95" celcius.

2. Ketahanan panas yang baik
Konduktif low thermal yang hanya 1/1500 dari kuningan dan 1/250 dari pipa tembaga.

3. Bebas dari racun
Bebas dari kandungan logam berat, sehingga tidak akan terkontaminasi kotoran dari bakteri.

4. Tingkat ketahanan Korosi yang baik
memiliki tingkat ketahanan corrosion yang baik, sehingga dapat digunakan di berbagai lingkungan yang berbeda.

5. Kapasitas flow tinggi
memiliki struktur interior yang licin dan tingkat gesekan yang rendah sehingga flow yang dihasilkan tinggi.

6. Struktur pipa kuat
memiliki struktur pipa yang kuat, sehingga dapat menahan tekanan yang tinggi.

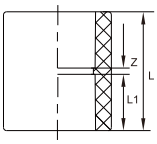
7. Ramah lingkungan
terbuat dari bahan yang ramah lingkungan dan dapat didaur ulang.

8. Ketahanan Pipa 50 tahun
dapat digunakan lebih dari 50 tahun dengan penggunaan yang tepat.

PP-R memiliki keunggulan dalam umur pakai yang panjang, tidak beracun, dan dapat didaur ulang, menjadikannya pilihan populer di banyak sektor.

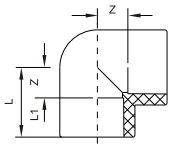
2.2. Fitting PP-R

Coupling (Soc x Soc)



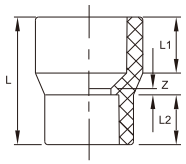
SIZE (mm)	inch	Z	L1	L
20	½	1.5	16	33.5
25	¾	1.5	18	37.5
32	1	2	20	42
40	1-¼	1.5	22.5	46.5
50	1-½	2	25.5	53
63	2	2	29.5	61
75	2-½	2	31.5	65
90	3	3.5	36.5	76.5
110	4	5	42	89
160	6	9	58.5	126

Elbow 90° (Soc x Soc)



SIZE (mm)	inch	Z	L1	L
20	½	11	16	27
25	¾	13.5	18	31.5
32	1	17.5	20	37.5
40	1-¼	21	22.5	43.5
50	1-½	26.5	25.5	52
63	2	32.5	29.5	62
75	2-½	37.5	31.5	69
90	3	44.5	37.5	82
110	4	55	42	97
160	6	92.5	58.5	151

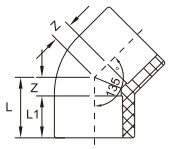
Reducer (Soc x Soc)



SIZE (mm)	inch	Z	L1	L
25 x 20	¾ x ½	2	16	34.5
32 x 20	1 x ½	2	18	38.5
25 x 32	1 x ¾	2	18	39.5
40 x 20	1-¼ x ½	2.5	16	44
40 x 25	1-¼ x ¾	2	18	42.5
40 x 32	1-¼ x 1	3	20	45
50 x 20	1-½ x ½	1.5	16	46
50 x 25	1-½ x ¾	2	18	48.5
50 x 32	1-½ x 1	2.5	20	50.5
50 x 40	1-½ x1-¼	1.6	22.5	51.5
63 x 25	2 x ¾	3	18	52.5
63 x32	2 x 1	2	20	57
63 x 40	2 x 1-¼	2	22.5	57.5
63 x50	2 x 1-½	2	22.5	53
75 x 32	2-½ x 1	3	20	56
75 x 40	2-½ x 1-¼	3	22.5	57.5
75 x 50	2-½ x 1-½	3	25.5	60
75 x 63	2-½ x 2	3	29.5	60.5
90 x40	3 x 1-¼	3	22.5	63
90 x 50	3 x 1-½	2	25.5	66
90 x 63	3 x 2	2.5	29.5	68
90 x 75	3 x 2-½	2.5	31.5	73
110 x 50	4 x 1-½	3	25.5	73
110 x 63	4 x 2	4	29.5	78
110 x 75	4 x 2-½	4	31.5	80.5
110 x 90	4 x 3	5.5	37.5	82.5
160 x 110	6 x 4	3	42	85

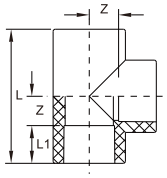
2.2. Fitting PP-R

Elbow 45° (Soc x Soc)



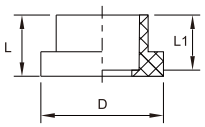
SIZE (mm)	inch	Z	L1	L
20	½	6.3	16	22.3
25	¾	7	18	25
32	1	10	20	30
40	1-¼	10.5	22.5	33
50	1-½	12	25.5	37.5
63	2	14	29.5	43.5
75	2-½	16.5	31.5	48
90	3	21.5	37.5	59
110	4	25.5	42	67.5
160	6	49.5	58.5	108

Tee (Soc x Soc)



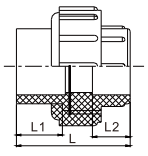
SIZE (mm)	inch	Z	L1	L
20	½	10	16	54
25	¾	14	18	64
32	1	17.8	20	75.5
40	1-¼	21.5	22.5	88
50	1-½	26.5	25.5	104
63	2	32.5	29.5	124
75	2-½	37.8	31.5	138.5
90	3	45.5	37.5	166
110	4	55.5	42	195
160	6	91.5	58.5	300

Sub Flange (Soc x Flange)



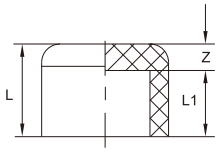
SIZE (mm)	inch	D	L1	L
40	1-¼	42	22.5	26
50	1-½	85	25.5	29
63	2	106	29.5	34.5
75	2-½	129	31.5	37
90	3	144	34.5	40
110	4	164	42	50
160	6	285	57.5	85

Union (Soc x Soc)



SIZE (mm)	inch	L1	L2	L
20	½	16	16	45
25	¾	18	17	48
32	1	20.5	18	58

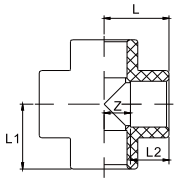
Cap (Soc)



SIZE (mm)	inch	Z	L1	L
20	½	4.5	16	20.5
25	¾	4.5	17	22.5
32	1	6.5	20	26.5
40	1-¼	8	22.5	30.5
50	1-½	9.5	25.5	35
63	2	12	29.5	41.5
75	2-½	13	31	44
90	3	15.5	35.5	51
110	4	18	42	60
160	6	48.5	58.5	107

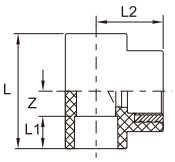
2.2. Fitting PP-R

Cross (Soc x Soc x Soc x Soc)



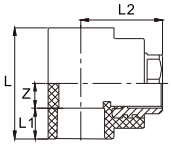
SIZE (mm)	inch	Z	L1	L	L2
20	½	11	27	27	16
25	¾	14.8	23.8	32.8	18
32	1	17.8	37.8	37.8	20

Female Thread Tee I
(Soc x Soc x Fipt with Metal Insert)



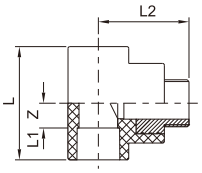
SIZE (mm)	inch	Z	L2	L1	L
20 x ½	½	11.5	38	16	55
20 x ¾	½ x ¾	13.5	38.5	16	59
25 x ½	¾ x ½	12	41	18	60
25 x ¾	¾	13.5	40.5	18	63
32 x ½	1 x ½	11.8	41.5	20	63.5
32 x ¾	1 x ¾	14.5	42	20	69

Female Thread Tee II
(Soc x Soc x Fipt with Metal Insert)



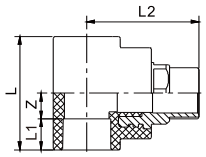
SIZE (mm)	inch	Z	L2	L1	L
20 x ½	½	13	44	16	58
32 x ½	¾	16.5	53.5	20	73
40 x 1-¾	1	28.5	65	22.5	102

Male Thread Tee I
(Soc x Soc x Mipt with Metal Insert)



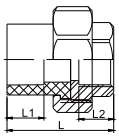
SIZE (mm)	inch	Z	L2	L1	L
20 x ½	½	11.5	49.5	16	55
20 x ¾	½ x ¾	13.5	50	16	59
25 x ½	¾ x ½	12	52.5	18	60
25 x ¾	¾	13.5	52.5	18	63
32 x ½	1 x ½	11.8	56	20	63.5
32 x ¾	1 x ¾	14.5	56	20	69

Male Thread Tee II
(Soc x Soc x Mipt with Metal Insert)



SIZE (mm)	inch	Z	L2	L1	L
32 x 1	1	16.5	72.5	20	73
40 x 1-¼	1-¼	28.5	86	22.5	102
50 x 1-¼	1-½	32	91	25.5	115

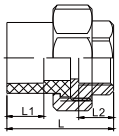
Female Thread union
(Soc x Fipt with Metal Insert)



SIZE (mm)	inch	L1	L2	L
20 x ½	½	16	16	42
25 x ¾	¾	18	17	47
25 x 1	¾ x 1	18	18	56.5
32 x ¾	1 x ¾	20.5	15	56
32 x 1	1	20.5	18	52

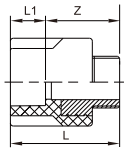
2.2. Fitting PP-R

Male Thread union
(Soc x Mipt with Metal Insert)



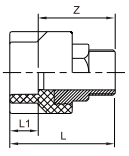
SIZE (mm)	inch	L1	L2	L
20 x ½	½	16.5	72.5	20
25 x ¾	¾	28.5	86	22.5
25 x 1	¾ x 1	32	91	22.5
32 x ¾	1 x ¾			
32 x 1	1			
40 X1-¼	5.92			
50 X 1-½	9.66			
63 X 2	16.53			

Male Thread Adaptor I
(Soc x Mipt with Metal Insert)



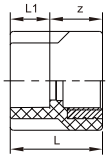
SIZE (mm)	inch	Z	L1	L
20 x ½	½	38	16	54
20 x ¾	½ x ¾	38	16	54
25 x ½	¾ x ½	38	18	56
25 x ¾	¾	38.5	18	56.5
32 x ½	1 x ½	45	20	65
32 x ¾	1 x ¾	51.5	20	71.5

Male Thread Adaptor II
(Soc x Mipt with Metal Insert)



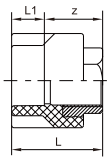
SIZE (mm)	inch	Z	L1	L
32x 1	11/2 x ¾	57	20	77
40 x 1	1-¼ x 1	56	22	78
40 x 1-¼	1-¼	64	22.5	86.5
50 x 1-¼	1-½ x 1-¼	62.5	25.5	88
50 x 1-½	1-½	63.5	25.5	89
63 x 2	2	71.5	29.5	101

Female Thread Adaptor I
(Soc x Fipt with Metal Insert)



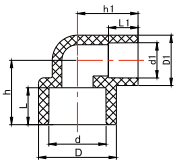
SIZE (mm)	inch	Z	L1	L
20 x ½	½	26.5	16	42.5
20 x ¾	½ x ¾	26	16	42
25 x ½	¾ x ½	26.5	18	44.5
25 x ¾	¾	27	18	45
32 x ½	1 x ½	31	20	51
32 x ¾	1 x ¾	27.5	20	47.5

Female Thread Adaptor II
(Soc x Fipt with Metal Insert)



SIZE (mm)	inch	Z	L1	L
20 x ½	½	34	16	50
20 x ¾	½ x ¾	38.5	16	54.5
25 x ¾	¾ x ½	39.5	18	57.5
32 x 1	1	38	20	58
40 x 1	1-¼ x 1	37	22	59
40 x 1-¼	1-¼	43	22.5	65.5
50 x 1-¼	1-½ x 1-¼	41.5	25.5	67
50 x 1-½	1-½	42.5	25.5	68
63 x 2	2	46.5	29.5	76

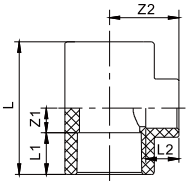
Reducing Elbow



SIZE (mm)	D	d	D1	d1	L	L1	h	h1
25x20	34.8	24	27.4	19	18.1	16.1	32.8	26.7
32x20	42.4	30.9	27.4	19	20.1	16.1	35	33
32x25	42.4	30.9	34.8	24	20.1	18.1	37	35
40x32	52.6	39	42.4	31.2	22.1	20.1	40.5	41.5

2.2. Fitting PP-R

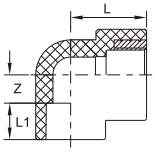
Reducing Tee (Soc x Soc x Soc)



SIZE (mm)	inch	Z1	Z2	L1	L2	L
25 x 20	¾ x ½	11.5	29.5	18	16	59
32 x 20	1 x ½	12	33.5	20	18	64
25 x 32	1 x ¾	14	35	20	18	68
40 x 20	1-¼ x ½	12	37.5	22.5	16	69
40 x 25	1-¼ x ¾	14.5	40.5	22.5	18	74
40 x 32	1-¼ x 1	17.5	42	22.5	20	80
50 x 20	1-½ x ½	11.3	42.2	25.5	16	73.5
50 x 25	1-½ x ¾	13.5	44	25.5	18	78
50 x 32	1-½ x 1	17.5	47.3	25.5	20	86
50 x 40	1-½ x1-¼	21.5	49.3	22.5	22.5	94
63 x 25	2 x ¾	13.2	42.5	29.5	18	85.6
63 x32	2 x 1	16.5	55.5	29.5	20	92
63 x 40	2 x 1-¼	20.5	54	29.5	22.5	100
63 x50	2 x 1-½	25.8	56.8	29.5	22.5	110.5
75 x 32	2-½ x 1	17	62	31.5	20	97
75 x 40	2-½ x 1-¼	21	59.5	31.5	22.5	105
75 x 50	2-½ x 1-½	25.5	62.5	31.5	22.5	114
75 x 63	2-½ x 2	32	67.2	31.5	29.5	127
90 x40	3 x 1-¼	21.3	74	37.5	22.5	117.5
90 x 50	3 x 1-½	26	71.5	37.5	25.5	127
90 x 63	3 x 2	32.3	75	37.5	29.5	139.5
90 x 75	3 x 2-½	37.5	77.5	37.5	31.5	150
110 x 50	4 x 1-½	27.8	79.5	42	25.5	139.5
110 x 63	4 x 2	33.8	84	42	29.5	151.5
110 x 75	4 x 2-½	39	87.5	42	31.5	162
110 x 90	4 x 3	46	91.5	42	37.5	176

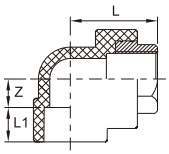
2.2. Fitting PP-R

Female Thread Elbow I (Soc x Fipt with Metal Insert)



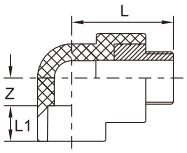
SIZE (mm)	inch	Z	L	L1
20 x ½	½	11.5	37.5	16
20 x ¾	½ x ¾	13.1	38.5	16
25 x ½	¾ x ½	12	40.5	18
25 x ¾	¾	13	41	18
32 x ½	1 x ½	15	42	20
32 x ¾	1 x ¾	18	42	20

Female Thread Elbow II (Soc x Fipt with Metal Insert)



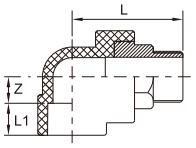
SIZE (mm)	inch	Z	L	L1
20 x ½	½	13	44	16
32 x 1	1	16.5	54.5	20
40 x1-¼	1-¼	28.5	65	22.5
50 x 1-½	1-½	32	70	25.5

Male Thread Elbow I (Soc x Mipt with Metal Insert)



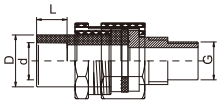
SIZE (mm)	inch	Z	L	L1
20 x ½	½	11.5	49	16
20 x ¾	½ x ¾	13.1	50	16
25 x ½	¾ x ½	12	52	18
25 x ¾	¾	17	52.5	18
32 x ½	1 x ½	15	56	20
32 x ¾	1 x ¾	18	56	20

Male Thread Elbow II (Soc x Mipt with Metal Insert)



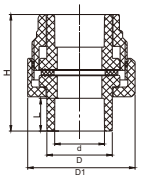
SIZE (mm)	inch	Z	L	L1
32 x 1	1	21	73.5	20
40 x1-¼	1-¼	28.5	86	22.5
63 x 2	2	33.5	107	25.5

Combining Joint



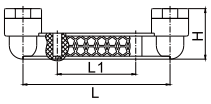
SIZE (mm)	D	d	L	G
20	27.4	19	16.1	½"
25	34.8	24	18.1	¾"
32	42.4	30.9	20.1	1"

Union Two Side Weld



SIZE (mm)	D1	D	d	L	H
32x1	65	41	32	21	73

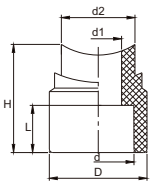
Double Female Thread Elbow With Seat (Soc x Fipt with Metal Insert)



SIZE (mm)	inch	Z	L	L1
32 x 1	1	21	73.5	20

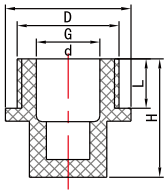
2.2. Fitting PP-R

weld In Saccle



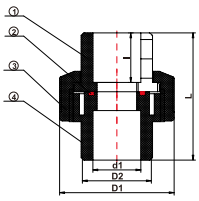
SIZE (mm)	D	d	L	d1	d2	H
32	42.5	32	20.5	20.4	32	47

Thread Plug



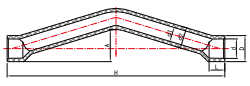
SIZE (mm)	D	d	L1	H	G
½	27.3	11.8	12.3	27.9	½
¾	32.6	16.5	12.3	30.7	¾
1	39.4	24.5	13.7	26.2	1

Union



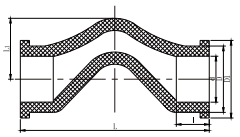
SIZE (mm)	D1	D2	d1	H	G
20	47.7	47.7	19/20.8/21.2	22.5	58.7
25	57.3	57.3	24/25.2/25.8	24.0	64.2
32	68.2	68.2	30.9/32.6/33	27.4	71.2
40	82.2	82.2	38.8/40.9	31.0	86.4
50	98.3	98.3	46.9/48.9	34	90.5
63	120	120	58.5/61.7	35.6	107.0

Bridge II



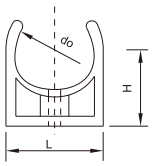
SIZE (mm)	D	d	d1	d2	L	H	A
20	27.4	19	14.6	22.8	16.1	190	27.8
25	33.4	24.2	16.6	25.3	16.9	200.2	30.46

PPR Bridge



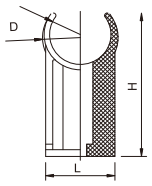
SIZE (mm)	D1	D	d	I	L1	L
20	32.3	28	19	15.3	27.4	82.3
25	40.7	34.8	24	17.3	32	99.2
32	49.2	43.5	30.9	19.9	40.2	118.4

Pipe Clamp



SIZE (mm)	inch	L	do	H
20	½	27.5	19	22
25	¾	32	24.6	24.5
32	1	39	31.5	28.5
40	1 x ¼	47.5	38.5	32
50	1 x ½	57.5	48.5	37

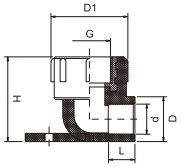
U-Pipe Bracket



SIZE (mm)	D	d	L	H
20	124	19.5	22	46.8
25	32.8	24.5	29.8	52.4
32	40.5	31.5	37	57
40	50	39.5	40.3	64
50	61.2	49.5	44	69.8
63	77	62.5	60	80

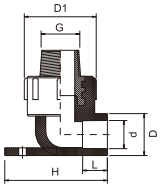
2.2. Fitting PP-R

Female Thread Elbow Wall Plate



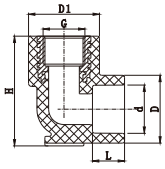
SIZE (mm)	D	d	G	L	H	D1
20x½	24.4	19	½"	16.1	49.3	43
25x½	34.8	24	½"	18.1	55.3	43
25x¾	34.8	24	¾"	18.1	54.1	49

Male Thread Elbow Wall Plate



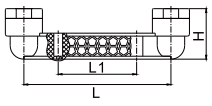
SIZE (mm)	D	d	G	L	H	D1
20x½	27.9	19	½"	16.1	64.2	43.5
25x½	34.8	24	½"	18.1	68.4	43.5
25x¾	35.2	24	¾"	18.1	72.8	49

II Female Thread Elbow Wall Plate



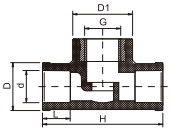
SIZE (mm)	D	d	G	L	H	D1
20x½	29	19	½"	14	50.8	35.6
25x½	34	24	½"	16.1	55	35.6

Double Female Thread Elbow With Seat (Soc x Fipt with Metal Insert)



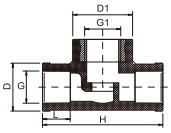
SIZE (mm)	inch	Z	L	L1
32 x 1	1	21	73.5	20

Stop Valve



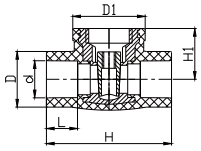
SIZE (mm)	D	d	G	L	H	D1
20	29.0	19	½	16.1	70.7	34.8
25	36.8	24	¾	18.1	83	44.7
32	43.4	30.9	¾	20.1	86.5	45.2
40	55.6	38.6	1	22.5	97.4	55.5
50	70.1	48.9	1-¼	25.5	121.6	66.3
63	87.1	61.7	1-½	28.7	133.1	74.8
75	103.2	73.4	2-¼	32	167.6	98
90	123.6	88.8	2-¾	36	201.9	118
110	149.5	107.5	3-½	42	245.6	147

Stop Valve (W/Screw End)



SIZE (mm)	D	G	G1	L	H	D1
20	34.7	½	½	16.1	70.4	35.3
25	40.2	¾	¾	18.1	83.7	44.6
32	47.4	1	1	20.1	87.2	45.9

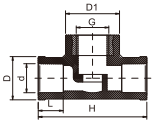
Gate Valve



SIZE (mm)	d	D	D1	L	H	H1
20	19.2	28.8	37.5	16.1	64.8	26.3
25	24.2	34	45	18.1	23	32.5
32	31.2	42.4	50	20.1	78	36.4
40	39	52.6	60	22.1	89	45.1
50	49.1	66.1	72	25.1	105	49.9
63	61.9	83.1	85	29.1	129	60

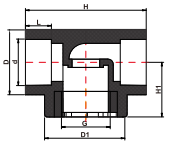
2.2. Fitting PP-R

I Stop Valve With Chrome Handle



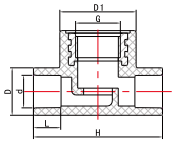
SIZE (mm)	D	d	G	L	H	D1
20	29.0	19	½	16.1	70.7	34.8
25	36.8	24	¾	18.1	83	44.7
32	43.4	30.9	¾	20.1	86.5	45.2

II Stop Valve With Chrome Handle



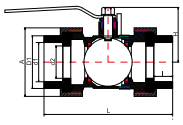
SIZE (mm)	D	d	G	L	H	D1	H1
20x¾	28	19	¾	16	73.6	44.8	29.4
25x1	33.2	24	1	16.5	80.5	56	35.9
32x1	43.2	30.9	1	17.3	80.5	53.5	36.4

III Stop Valve



SIZE (mm)	D	d	L	H	D1	G
20	28	19	16.1	76.2	45	¾
25	35.5	24	18.1	81	46	¾

True Union Ball Cock

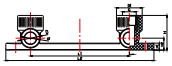


SIZE (mm)	D1	d1	d2	I	L	H	A
20	27.4	19	15	19.0	92.8	37.5	40.5
25	34.8	24	20	19	101.2	45.2	48.4
32	42.4	30.9	26.9	21	114.5	51.7	57.3
40	52.6	38.8	32	22.7	144.1	62	75.1
50	66.1	48.9	42	25.7	175.8	69.8	92.7
63	83	61.7	51	29.7	202.8	86.25	108

Stop Valve With Long handle

SIZE (mm)	D	G	G1	L	H	D1
20	29.3	19.2	G½"	16.28	70	38
25	35	24.2	G¾"	18.28	83	44

Gate Valve

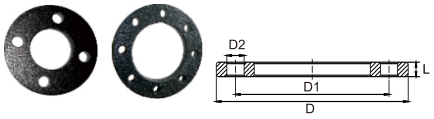


SIZE (mm)	d	D	D1	L	H	H1
20	19.2	28.8	37.5	16.1	64.8	26.3
25	24.2	34	45	18.1	23	32.5
32	31.2	42.4	50	20.1	78	36.4
40	39	52.6	60	22.1	89	45.1
50	49.1	66.1	72	25.1	105	49.9
63	61.9	83.1	85	29.1	129	60

Compact Ball Valve

Nominal Diameter D mm					
20	25	32	40	50	63

Flange (Steel Tray)



SIZE (mm)	inch	D	D1	D2
40	1 x ¼	140	100	18
50	1 x ½	150	110	18
63	2	160	125	18
75	2-½	185	145	18
90	3	200	160	18
110	4	220	180	18
160	6	285	240	22

Penyambungan Fitting PP-R

Proses penyambungan atau pengelasan Socket fusion merupakan salah satu teknik sambungan yang paling banyak digunakan untuk pemasangan sistem PP-R. Dengan menggunakan Welding Machine Socket fusion maka akan memaksimalkan hasil Penyambungan, Namun ada beberapa langkah sederhana yang diperlukan untuk menyelesaikannya, tetapi memerlukan perhatian yang besar.

1. Persiapan Welding Machine

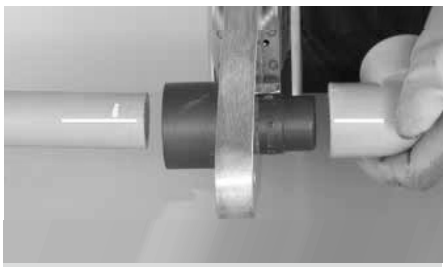
Pasangkan cetakan plat pada mesin Socket Fusion, Kemudian hidupkan mesin las pada posisi ON/Hidup. Tunggu sinyal suara yang menginformasikan bahwa suhu yang dibutuhkan untuk penyambungan telah tercapai.

2. Pemotongan Pipa

Potong ujung pipa PP-R yang akan disambungkan dengan panjang yang sesuai menggunakan pemotong pipa. Pastikan pemotongan rata dan bersih.

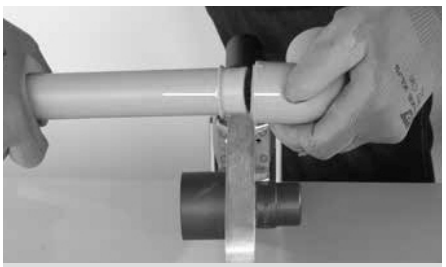
3. Tandai Pipa

Ukur dan andai panjang penyisipan pada pipa yang akan disambung.



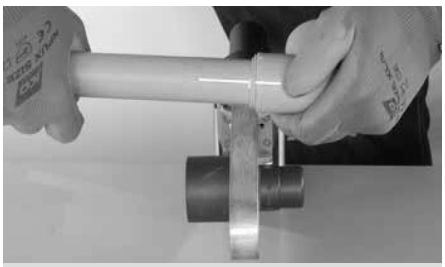
4. Proses Heating

Letakkan ujung pipa dan fitting yang akan dilas berdekatan satu sama lain agar proses pemanasan material dapat dimulai secara bersamaan.



5. Proses Pemasangan

Setelah memeriksa suhu permukaan plat pada Welding Machine Socket fusion, Lepaskan Pipa dan fitting pada plat cetakan.



6. Pemasangan pipa dan fitting

Masukkan antara Pipa dan Fitting hingga mencapai kedalaman penyisipan yang ditandai sebelumnya. Berhati-hatilah untuk tidak memutar pipa ke dalam fitting dan sejajarkan tanda longitudinal referensi dengan hati-hati.

⚠ PERINGATAN

- Baca dan pahami semua petunjuk sebelum instalasi, melepas, menyesuaikan, atau merawat produk AMD Piping.
- Kurangi tekanan dan kuras sistem perpipaan sebelum instalasi, melepas, menyesuaikan, atau merawat produk AMD Piping.
- Kenakan perlengkapan safety, seperti kacamata, helm, sepatu, dan pelindung pendengaran.

Kegagalan untuk mengikuti petunjuk dan peringatan dapat menyebabkan kegagalan sistem, yang mengakibatkan kematian atau cedera serius dan kerusakan.

AMD

PT. AMD PIPING SYSTEM

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