

AMD

CATALOG PRODUCT

FITTING PP PUSH



Water Supply



Mining



Agriculture



Marine

PIPING SYSTEM TOTAL SOLUTION

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



Water Supply



Drainage &
Sewerage



Gas Supply



Mining



Agriculture



Marine



Electrical
& Telecom



Fire Protection



Hot & Cold
Water

Illustration of commercial mark included
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AMD

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Dear Valued Customer

PT.AMD Piping System merupakan salah satu perusahaan terkemuka di Indonesia yang bergerak di bidang produksi dan distribusi sistem perpipaan, Pipa, Fitting, Valve, Aksesories, Mesin & Tool.

Melalui riset dan pengembangan berkelanjutan, AMD terus meningkatkan kualitas produk, memperluas varian, serta menghadirkan solusi menyeluruh untuk kebutuhan Water supply, Drainage & Sewerage, Gas Supply, Mining, Agriculture, Electrical & Telecom, Fire Protection, Hot & Cold Water.

AMD berkomitmen untuk menjadi mitra terpercaya dalam menyediakan solusi lengkap sistem perpipaan yang berkualitas, inovatif, serta ramah lingkungan.



Visi

Menjadi penyedia solusi perpipaan terdepan. yang berkontribusi pada pembangunan berkelanjutan dan peningkatan kualitas hidup.

Misi

- Berinovasi secara berkelanjutan menghadirkan teknologi perpipaan yang aman dan andal.
- Memperkuat kemitraan dengan pelanggan dan mitra bisnis melalui layanan profesional dan responsif.
- Kualitas dan Kepuasan Pelanggan Mengutamakan standar mutu tinggi dan pelayanan responsif untuk memenuhi kebutuhan pasar global.
- Efisiensi dan Daya Saing Menerapkan proses produksi yang efisien, meminimalkan biaya dan waktu, tanpa mengurangi kualitas.

Nilai-nilai Perusahaan

- Integritas
- Profesionalisme
- Kolaborasi
- Keberlanjutan



Merupakan fitting (sambungan pipa) yang terbuat dari Polypropylene (PP) digunakan untuk menghubungkan antara pipa ke pipa atau pipa ke berbagai accessories. Di produksi dengan cara Injection Molding, tersedia dari ukuran 20mm sampai 32mm mengikuti Standard ISO.

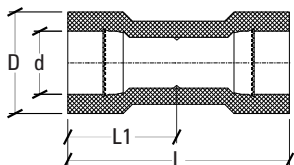


KETERANGAN PRODUK		STANDARD			MEREK	
Nama Produk	AMD PP PUSH FITTING	ISO 4427-3				
Raw Material	PP	EN 12201-3				
Warna Produk	HITAM	BS 6920				
Penyambungan	PUSH FITTING					
Technology	INJECTION MOULDING	TEKANAN KERJA				
Application	WATER	PN	10	12.5	16	20
Ukuran	20 - 32mm	SDR	17	13.6	11	9

SPESIFIKASI TEKNIK

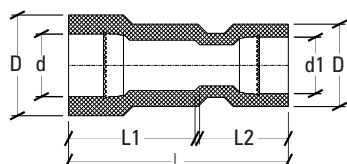
Data Polymer	PE 100	Unit	Metode Pengujian
Density at (23 °C)	0.955	g/cm ³	ISO 1183
Viscosity Number	360	cm ³ /gr	ISO 1628
MFR (190°/5 Kg)	0.22	g/10 dak.	ISO 1133
MFR (190°/25 Kg)	6.6	g/10	ISO 1133
Mechanical Properties			
Yield Stress	23	Mpa	ISO 527
Elongation at yield	9	%	ISO 527
Tensile Modulus	900	%	ISO 527
Notched Impact Strenght			
+ 23 °C	26	kJ/m ²	ISO 179/1eA
- 20 °C	13	kJ/m ²	ISO 179/1eA
Properties lain			
Oxidation - Induction time at (210 °C)	≥ 20	min	ISO TR 10837
Carbon Black Content	2.3±0.2	%	ISO 6964
Carbon Black Dispersion	≤ 3		ISO CD 11420
MRS Minimum Required Strength	< 10	Mpa	ISO TR 9080
Resistance to S.C.P (Slow Crack Propagation) = 4.6 Mpa, 80 °C Notched	> 3000	h	EN 33479
Resistance to R.C.P (Rapid Crack Propagation) (S4 - Test 110/10mm) 0 °C	< 25	Bar	ISO DIS 13477
Elongation at break	< 600	%	EN 638
Linear Thermal Expansion	1.8x10 ⁻⁴	°C ⁻¹	ASTM D 696 (20 - 60 °C)
Spesific Heat Capacity	1.9	J/g °C	BPCL

COUPLER



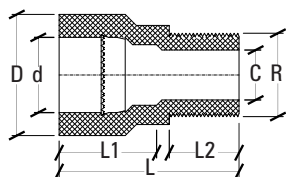
Code	DN	L	L1	D	d
	mm	mm	mm	mm	mm
ACPPP20	20	58	28	33	20,5
ACPPP25	25	70	34	39,5	25,5
ACPPP32	32	88	43	48	32,8

REDUCING COUPLER



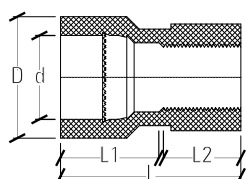
Code	DN	L	L1	d	D	H
	mm	mm	mm	mm	mm	mm
ARCP25X20	20	100	28	33	20,5	60
ARCP32X20	25	118	34	39,5	25,5	65
ARCP32X25	32	146	43	48	32,8	83

MALE ADAPTOR



Code	DN	L	L1	L2	D	d	C	R
	mm	mm	mm	mm	mm	mm	mm	mm
AMAPP20X1/2	20x1/2"	49	28	17	33	20,5	13,6	1/2
AMAPP25X1/2	25x1/2"	61	34	17	39,5	25,5	13,6	1/2
AMAPP25X3/4	25x3/4"	57	34	19	39,5	25,5	17,7	3/4
AMAPP32X1/2	32x1/2"	65	43	17	32,8	32,8	13,6	1/2
AMAPP32X3/4	32x3/4"	66	43	19	32,8	32,8	17,7	3/4
AMAPP32X1	32x1"	68	43	21	32,8	32,8	24,7	1

FEMALE ADAPTOR

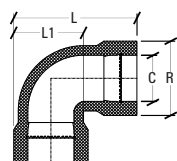


Code	DN	L	L1	L2	D	d	C	R
	mm	mm	mm	mm	mm	mm	mm	mm
AFAPP20X1/2	20x1/2"	47	28	17	33	20,5	28	1/2
AFAPP25X1/2	25x1/2"	54	34	17	39,5	25,5	28	1/2
AFAPP25X3/4	25x3/4"	55	34	19	39,5	25,5	34,5	3/4
AFAPP32X1/2	32x1/2"	64	43	17	48	32,8	28	1/2
AFAPP32X3/4	32x3/4"	70	43	19	48	32,8	34,5	3/4
AFAPP32X1	32x1"	66	43	21	48	32,8	43	1

ELBOW



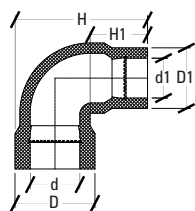
Code	DN	L	L1	D	d
	mm	mm	mm	mm	mm
AEPPP20	20	54	28	33	20,5
AEPPP25	25	66	34	39,5	25,5
AEPPP32	32	84	43	48	32,8



REDUCING ELBOW



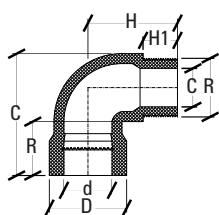
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	mm	mm	mm	mm	mm	mm	mm	mm	mm
REPPP25x20	25x20	34	34	68	28	39,5	25,5	33	20,5
REPPP32x20	32x20	43	43	79	28	48	32,8	33	20,5
REPPP32x25	32x25	43	43	82	34	48	32,8	39,5	25,5



MALE ELBOW



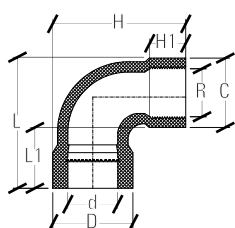
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	mm	mm	mm	mm	mm	mm	mm	mm	mm
AMEPPP20x1/2	20x1/2"	52	28	33	20,5	13,6	1/2	51	17
AMEPPP25x1/2	25x1/2"	64	34	39,5	25,5	13,6	1/2	65	17
AMEPPP25x3/4	25x3/4"	64	34	39,5	25,5	17,7	3/4	60	19
AMEPPP32x1/2	32x1/2"	80	43	48	32,8	13,6	1/2	76	17
AMEPPP32x3/4	32x3/4"	80	43	48	32,8	17,7	3/4	75	19
AMEPPP32x1	32x1"	80	43	48	32,8	24,7	1	71	21



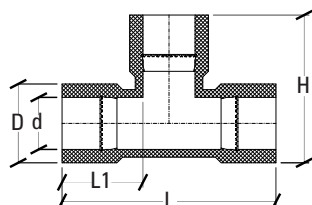
FEMALE ELBOW



Code	DN	L	L1	D	d	C	R	H	H1
	mm	mm	mm	mm	mm	mm	mm	mm	mm
AFEPPP20x1/2	20x1/2"	52	28	33	20,5	28	1/2	52	17
AFEPPP25x1/2	25x1/2"	64	34	39,5	25,5	28	1/2	60	17
AFEPPP32x3/4	32x3/4"	64	34	39,5	25,5	34,5	3/4	62	19
AFEPPP32x1/2	32x1/2"	80	43	48	32,8	28	1/2	68	17
AFEPPP32x3/4	32x3/4"	80	43	48	32,8	34,5	3/4	74	19
AFEPPP32x1	32x1"	80	43	48	32,8	43	1	76	21

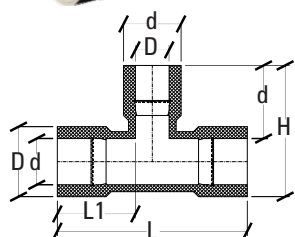


TEE



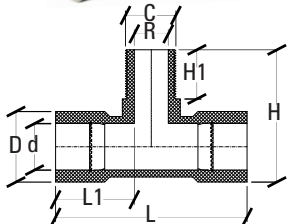
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	mm	mm	mm	mm	mm	mm
AFTPPPQF20	20	76	28	33	20,5	55
AFTPPPQF25	25	94	34	39,5	25,5	67
AFTPPPQF32	32	119	43	48	32,8	85

REDUCING TEE



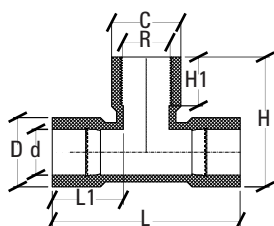
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	mm	mm	mm	mm	mm	mm	mm	mm	mm
ARTPPP25X20X25	25x20	94	34	62	28	39,5	25,5	33	20,5
ARTPPP32X20X32	32x20	119	43	70	28	48	32,8	33	20,5
ARTPPP32X25X32	32x25	119	43	75	34	48	32,8	39,5	25,5

MALE TEE



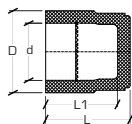
Code	DN	L	L1	H	H1	D	d	C	R
	mm	mm	mm	mm	mm	mm	mm	mm	mm
AMTPPP20X1/2	20x1/2	76	28	52	17	33	20,5	13,6	1/2
AMTPPP25X1/2	25x1/2	94	34	60	17	39,5	25,5	13,6	1/2
AMTPPP25X3/4	25x3/4	94	34	63	19	39,5	25,5	17,7	3/4
AMTPPP32X1/2	32x1/2	119	43	66	17	48	32,8	13,6	1/2
AMTPPP32X3/4	32x3/4	119	43	68	19	48	32,8	17,7	3/4
AMTPPP32X1	32x1	119	43	74	21	48	32,8	24,7	1

FEMALE TEE



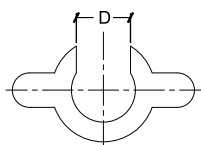
Code	DN	L	L1	H	H1	D	d	C	R
	mm	mm	mm	mm	mm	mm	mm	mm	mm
AFTPPP20x1/2	20x1/2"	76	28	50	17	33	20,5	28	1/2
AFTPPP32x1/2	32x1/2"	94	34	59	17	39,5	25,5	28	1/2
AFTPPP32x3/4	32x3/4"	94	34	61	19	39,5	25,5	34,5	3/4
AFTPPP32x1/2	32x1/2"	119	43	70	17	48	32,8	28	1/2
AFTPPP32x3/4	32x3/4"	119	43	72	19	48	32,8	34,5	3/4
AFTPPP32x1	32x1	119	43	74	21	48	32,8	43	1

PLUG



Code	DN	L	L1	D	d
	mm	mm	mm	mm	mm
AECPPP20	20	34	28	33	20,5
AECPPP25	25	39	34	39,5	25,5
AECPPP32	32	48,5	43	48	32,8

KEY



Code	DN	D
	mm	mm
AKPPP20	20	20,5
AKPPP25	25	25,5
AKPPP32	32	32,8

AMD

PT. AMD PIPING SYSTEM



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