

HDPE PIPE, BUTT FUSION & PP COMPRESSION FITTINGS

Prima Pipa Mandiri
Durable Piping Systems



2026



PRODUCT CATALOGUE



PRODUCT CATALOG

HDPE PIPE



Pipamandiri.co.id

HDPE PIPE SPECIFICATION

PRODUCT OVERVIEW – HDPE PIPE (PE100)

HDPE Pipe (High-Density Polyethylene) is a high-performance piping solution designed for various infrastructure, industrial, and utility applications. Manufactured from premium PE100 material, these pipes offer excellent durability, flexibility, and long service life, making them suitable for both underground and above-ground installations.

MAIN APPLICATIONS

- Municipal water supply & sewage treatment
- Commercial & residential water supply systems
- Industrial liquid transportation
- Outdoor gas distribution
- Dredging and mining operations

SPECIFICATIONS

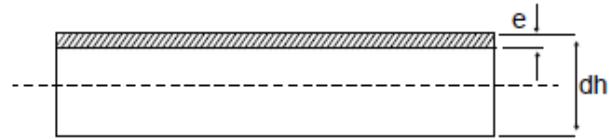
- Material: PE100
- Pressure Rating: SDR41 / PN4
- SDR33 / PN5
- SDR26 / PN6
- SDR21 / PN8
- SDR17 / PN10
- SDR13.6 / PN12.5
- SDR11 / PN16
- Size Range: DN20 – DN800 mm
- Standard: ISO 4427-2
- Color: Black with blue stripes
- Solid blue (for water applications)

FORM SUPPLIED

- Straight lengths (standard)
- Coiled form (for smaller diameters)
- Other forms are available upon request



HDPE PIPE SPECIFICATION



DIAMETER		HDPE PE 100						
DN (inch)	OD (mm)	SDR 41 PN 4 S-20	SDR 33 PN 5 S-16	SDR 26 PN 6 S-12.5	SDR 21 PN 8 S-10	SDR 17 PN 10 S-8	SDR 13.6 PN 12.5 S-6.3	SDR 11 PN 16 S-5
½"	20	---	---	---	---	---	---	2.0
¾"	25	---	---	---	---	---	2.0	2.3
1"	32	---	---	---	---	2.0	2.4	3.0
1 - ¼"	40	---	---	---	2.0	2.4	3.0	3.7
1 - ½"	50	---	---	2.0	2.4	3.0	3.7	4.6
2"	63	---	---	2.5	3.0	3.8	4.7	5.8
2 - ½"	75	---	---	2.9	3.6	4.5	5.6	6.8
3"	90	---	---	3.5	4.3	5.4	6.7	8.2
4"	110	---	---	4.2	5.3	6.6	8.1	10.0
5"	125	---	---	4.8	6.0	7.4	9.2	11.4
-	140	---	---	5.4	6.7	8.3	10.3	12.7
6"	160	---	---	6.2	7.7	9.5	11.8	14.6
-	180	---	---	6.9	8.6	10.7	13.3	16.4
8"	200	---	---	7.7	9.6	11.9	14.7	18.2
-	225	---	---	8.6	10.8	13.4	16.6	20.5
10"	250	---	---	9.6	11.9	14.8	18.4	22.7
-	280	---	---	10.7	13.4	16.6	20.6	24.4
12"	315	7.7	9.7	12.1	15.0	18.7	23.2	28.6
14"	355	8.7	10.9	13.6	16.9	21.1	26.1	32.2
16"	400	9.8	12.3	15.3	19.1	23.7	29.4	36.3
18"	450	11.0	13.8	17.2	21.5	26.7	33.1	40.9
20"	500	12.3	15.3	19.1	23.9	29.7	36.8	45.4
22"	560	13.7	17.2	21.4	26.7	33.2	41.2	50.8
24"	630	15.4	19.3	24.1	30.0	37.4	46.3	57.2
28"	710	17.4	21.8	27.2	33.9	42.1	52.2	64.5
32"	800	19.6	24.5	30.6	38.1	47.4	58.8	72.6



PRODUCT CATALOG



POLYFUSION

**HDPE BUTT FUSION INJECTION
FITTINGS**

Pipamandiri.co.id

DATASHEET OF HDPE BUTT FUSION FITTINGS

DETAIL OF BUTT FUSION FITTINGS

Material : PE 100

Pressure Rating : SDR9/PN20, SDR11/PN16, SDR17/PN10

Size : DN20-800mm

Standard : ISO4427-3, EN-12201-3, AS/NZS 4129, BS 6920

Color : Black

Joint Method : Thermal fusion / Butt Welding

Product Technology : Injection Moulded or lathed

Application : Water & Gas

Certifications : SGS Test Reporter for ISO 4427-3, CE Certificate for EN12201-3 & EN1555, WRAS

BENEFITS OF BUTT FUSION FITTINGS

The axial alignment and the round of the pipes are simple

Possible to weld pipes with different generations of polyethylene

No need additional fittings for joining, what simplifies the procedure

With a pipe diameter higher than 200 millimeters is more efficient and economical

Through the removal of the melted material it is produced a selfcleaning of the welding

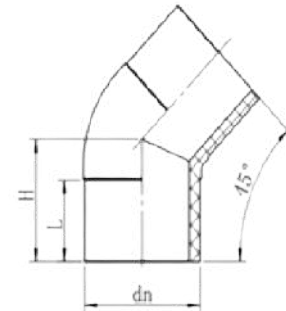
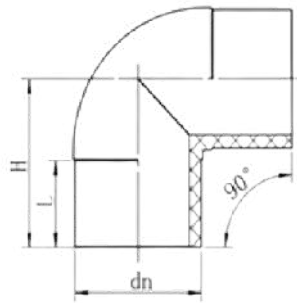
The pipe can be easily bended without increasing imperatively the tension of the whole installation

PHYSICAL PROPERTIES OF BUTT FUSION

HDPE butt fusion fittings shall strictly conform to **ISO4427-3** standard, with their physical properties as below table :

Item	Requirements	
Melt Flow Rate, 190 °C, 5kg (g/10min)	Change of MFR by processing +20%	
Oxidation Induced Time, 200 °C (min)	≥20	
<i>Hydraulic Test</i>	20°C, 100h, Circumferential Stress 12.4Mpa	No leakage/no rupture
	80°C, 165h, Circumferential Stress 5.5Mpa	No leakage/no rupture
	80°C, 1000h, Circumferential Stress 5.0Mpa	No leakage/no rupture

BUTT FUSION FITTING SERIES



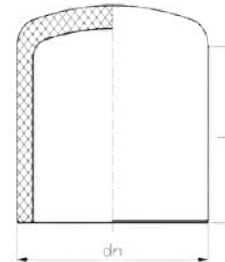
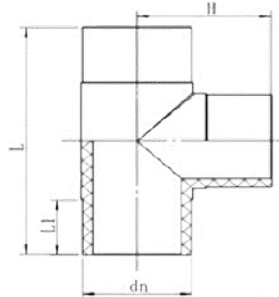
ELBOW 90

Size (mm)	SDR	dn	H	L
L20	11	20	60	41
L25	11	25	70	41
L32	11	32	76	44
L40	11	40	82	49
L50	11	50	94	66
L63	11	63	102	64
L75	11	75	115	69
L90	11/17	90	130	78
L110	11/17	110	152	82
L125	11/17	125	180	87
L140	11/17	140	181	85
L160	11/17	160	180	98
L180	11/17	180	205	105
L200	11/17	200	210	108
L225	11/17	225	253	120
L250	11/17	250	291	130
L280	11/17	280	283	135
L315	11/17	315	283	117
L355	11/17	355	383	160
L400	11/17	400	380	145
L450	11/17	450	415	135
L500	11/17	500	450	135
L560	11/17	560	470	130
L630	11/17	630	505	130
L710	17	710	547	172
L800	17	800	593	173

ELBOW 45

Size (mm)	SDR	dn	H	L
L40	11	40	80	49
L50	11	50	85	55
L63	11	63	81	63
L75	11	75	93	72
L90	11/17	90	107	79
L110	11/17	110	124	81
L125	11/17	125	125	87
L140	11/17	140	135	80
L160	11/17	160	146	98
L180	11/17	180	155	105
L200	11/17	200	175	112
L225	11/17	225	155	98
L250	11/17	250	190	130
L280	11/17	280	230	139
L315	11/17	315	221	123
L355	11/17	355	270	164
L400	11/17	400	255	150
L450	11/17	450	255	135
L500	11/17	500	260	135
L560	11/17	560	265	130
L630	11/17	630	300	140
L710	17	710	417	172
L800	17	800	453	173

BUTT FUSION FITTING SERIES



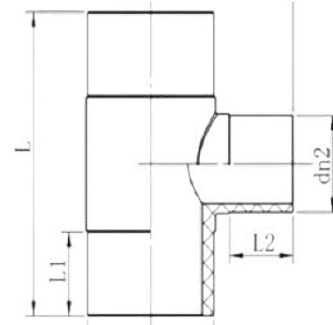
EQUAL TEE

Size (mm)	SDR	L	L1	L2	H
T40	11	164	50	50	82
T50	11	170	55	55	85
T63	11	205	63	63	104
T75	11	230	70	70	118
T90	11/17	270	78	78	133
T110	11/17	295	82	82	148
T125	11/17	323	87	95	183
T140	11/17	345	90	95	183
T160	11/17	377	98	98	189
T180	11/17	373	85	95	208
T200	11/17	460	112	112	226
T225	11/17	512	125	130	250
T250	11/17	520	120	125	270
T280	11/17	605	139	139	306
T315	11/17	570	100	100	275
T355	11/17	720	164	164	362
T400	11/17	720	140	155	382
T450	11/17	775	130	180	445
T500	11/17	835	130	230	510
T560	11/17	905	140	230	545
T630	11/17	995	140	240	600
T710	17	1142	212	212	572
T800	17	1263	232	232	633
L710	17	710	547	172	
L800	17	800	593	173	

END CAP

dn(mm)	SDR	L
D20	11	42
D25	11	42
D32	11	50
D40	11	54
D50	11	55
D63	11	63
D75	11	76
D90	11	82
D110	11/17	83
D125	11/17	87
D140	11/17	96
D160	11/17	105
D180	11/17	125
D200	11/17	113
D225	11/17	120
D250	11/17	132
D280	11/17	135
D315	11/17	152
D355	11/17	164
D400	11/17	225
D450	11/17	225
D500	11/17	225
D560	11/17	225
D630	11/17	225
D710	11/17	125
D800	11/17	125
D900	17	125
D1000	17	125
D1200	17	155

BUTT FUSION FITTING SERIES



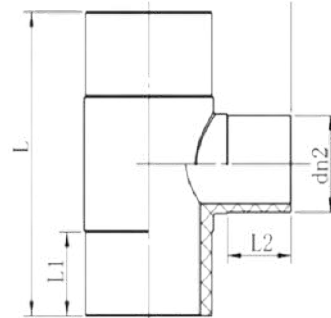
REDUCING TEE

dn(mm)	L	L1	L2	H
T50*32	170	55	55	86
T50*40	170	55	55	87
T63*25	167	63	44	92
T63*32	170	63	45	95
T63*40	182	63	55	100
T63*50	193	63	55	105
T75*32	230	70	44	95
T75*40	230	70	49	105
T75*50	230	70	55	105
T75*63	230	70	63	115
T90*32	215	79	44	105
T90*40	225	79	49	105
T90*50	235	79	55	112
T90*63	245	79	63	115
T90*75	270	79	70	125
T110*50	295	82	65	135
T110*63	295	82	65	135
T110*75	295	82	72	145
T110*90	295	82	79	147
T125*63	270	87	70	145
T125*75	288	87	78	157
T125*90	299	87	80	165
T125*110	319	87	88	166
T140*63	270	92	65	140
T140*75	270	92	70	140
T140*90	305	92	80	150
T140*110	305	92	82	152
T140*125	335	92	87	157
T160*50	320	98	61	155
T160*63	318	98	67	162
T160*75	318	98	72	169
T160*90	320	98	80	175
T160*110	320	98	82	175
T160*125	360	98	92	180
T160*140	360	98	92	180
T180*90	326	110	103	205
T180*110	344	110	103	205
T180*125	365	110	103	205
T180*140	376	110	103	205
T180*160	415	110	103	205
T200*63	345	112	65	185

REDUCING TEE

dn(mm)	L	L1	L2	H
T200*75	345	112	73	185
T200*90	345	112	80	195
T200*110	345	112	82	195
T200*125	385	112	86	210
T200*140	330	87	92	197
T200*160	420	112	99	218
T200*180	440	112	105	215
T225*63	270	90	75	190
T225*75	270	90	75	190
T225*90	306	90	82	197
T225*110	306	90	82	197
T225*125	336	90	92	207
T225*140	336	90	92	207
T225*160	356	90	105	220
T225*180	396	90	105	220
T225*200	396	90	120	245
T250*90	336	100	103	240
T250*110	336	100	103	240
T250*125	345	100	103	240
T250*140	366	100	103	240
T250*160	386	100	103	255
T250*180	405	105	110	255
T250*200	425	105	110	260
T250*225	456	105	120	265
T280*90	330	105	103	255
T280*110	330	105	103	255
T280*125	350	105	103	255
T280*140	366	105	103	255
T280*160	386	105	103	255
T280*180	405	105	115	270
T280*200	433	105	115	270
T280*225	453	105	125	280
T280*250	485	105	125	280
T315*63	335	110	85	270
T315*75	335	110	85	270
T315*90	370	110	105	290
T315*110	370	110	105	290

BUTT FUSION FITTING SERIES



REDUCING TEE				
dn(mm)	L	L1	L2	H
T315*125	370	110	105	290
T315*140	390	110	105	290
T315*160	415	115	105	278
T315*180	430	110	115	310
T315*200	450	110	120	310
T315*225	472	110	120	315
T315*250	496	110	125	320
T315*280	513	110	130	330
T355*90	360	110	95	300
T355*110	360	110	95	300
T355*125	385	110	95	300
T355*140	396	110	100	305
T355*160	405	110	105	310
T355*180	438	110	110	315
T355*200	448	110	115	325
T355*225	478	110	125	340
T355*250	492	110	130	345
T355*280	548	110	135	350
T355*315	565	110	145	355
T400*90	388	120	90	315
T400*110	388	120	90	315
T400*125	408	120	95	320
T400*140	410	120	98	325
T400*160	427	120	105	330
T400*180	450	120	115	350
T400*200	468	120	120	355
T400*225	510	120	125	360
T400*250	526	120	130	365
T400*280	545	120	140	375
T400*315	587	120	150	385
T400*355	628	120	160	395
T450*90	406	140	120	365
T450*110	406	140	120	365
T450*125	406	130	120	365
T450*160	456	140	120	365
T450*200	482	130	120	365
T450*225	482	120	130	375
T450*250	540	135	130	375
T450*280	540	125	140	385
T450*315	596	130	140	385
T450*355	620	125	160	405

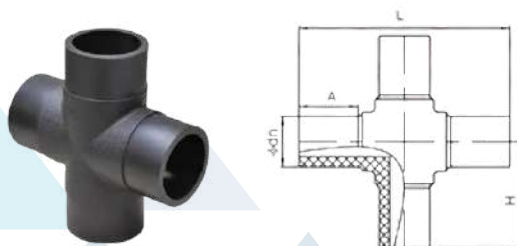
REDUCING TEE				
dn(mm)	L	L1	L2	H
T450*400	670	125	160	405
T500*110	450	160	135	420
T500*125	450	140	135	420
T500*160	450	140	135	420
T500*200	545	160	135	420
T500*225	545	150	135	420
T500*250	545	135	135	420
T500*280	605	155	145	430
T500*315	610	140	145	430
T500*355	645	135	160	445
T500*400	705	140	160	445
T500*450	745	140	170	455
T560*110	440	150	140	445
T560*125	440	140	140	445
T560*160	490	140	140	445
T560*200	490	135	140	445
T560*225	545	150	140	445
T560*250	545	135	140	445
T560*280	620	150	145	450
T560*315	620	135	145	450
T560*355	700	150	160	465
T560*400	700	135	160	465
T560*450	750	140	170	475
T560*500	800	140	170	475
T630*110	500	170	135	480
T630*160	500	150	140	485
T630*200	500	140	145	490
T630*225	595	170	145	490
T630*250	595	160	145	490
T630*280	595	140	145	490
T630*315	635	140	145	490
T630*400	695	150	160	505
T630*450	695	140	160	505
T630*500	785	150	180	525
T630*560	825	140	180	525
T710*110	505	190	160	520
T710*160	545	190	160	520

BUTT FUSION FITTING SERIES



REDUCING TEE				
dn(mm)	L	L1	L2	H
T710*200	585	190	160	520
T710*250	630	190	160	520
T710*315	710	195	160	520
T710*400	790	195	175	535
T710*500	890	195	200	560
T710*630	1020	195	210	570
T800*110	500	190	160	570
T800*160	590	210	160	570
T800*200	590	190	160	570
T800*250	630	190	160	570
T800*315	720	190	160	570
T800*355	720	180	180	590
T800*400	800	190	180	590
T800*500	890	190	210	620
T800*630	1020	190	210	620
T800*710	1100	195	210	620

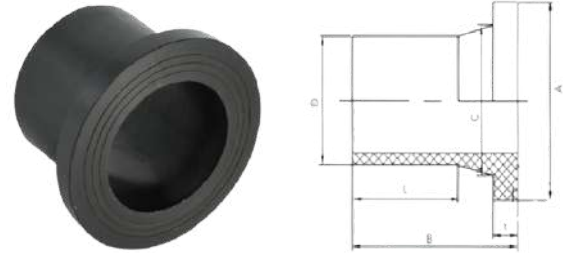
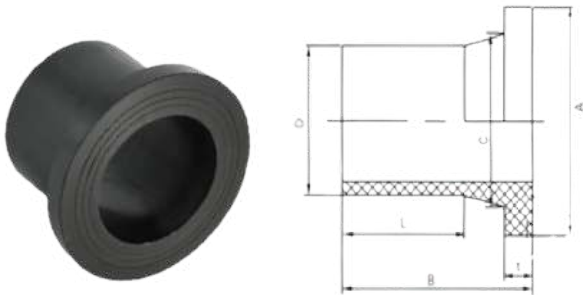
Y TEE				
Size(mm)	SDR	L1	L2	H1
YT63	11	65	65	162
YT75	11	65	70	180
YT90	11	87	80	210
YT110	11	83	90	247
YT125	11	90	85	266
YT160	11	98	98	330
YT200	11	112	112	396
YT250	11	129	129	478
YT200-63	11/17			
YT200-75	11/17			
YT200-90	11/17			
YT200-110	11/17			
YT200-125	11/17			
YT200-160	11/17			



CROSS TEE			
Ø D	L	A	H
63	230	82	102
90	290	79	143
110	290	82	145

CROSS TEE			
Ø D	L	A	H
160	428	98	225
200	420	88	210
250	507	120	252
315	605	120	305
355	655	130	330

BUTT FUSION FITTING SERIES



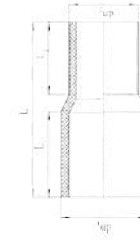
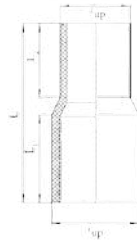
ISO STUB FLANGE

Size(mm)	D	A	t	B	L	C
FL20 SDR11	20	45	7	83	61	27
FL25 SDR11	25	58	8	83	61	33
FL32 SDR11	32	68	10	83	61	40
FL40 SDR11	40	78	12	80	61	50
FL50 SDR11	50	88	10	94	64	61
FL50 SDR17	50	88	10	94	64	61
FL63 SDR11	63	102	12	93	59	75
FL63 SDR17	63	102	12	93	59	75
FL75 SDR11	75	122	12	97	68	89
FL75 SDR17	75	122	12	97	68	89
FL90 SDR11	90	138	17	110	68	105
FL90 SDR17	90	138	17	110	69	105
FL110 SDR11	110	158	18	118	72	125
FL110 SDR17	110	158	18	118	72	125
FL125 SDR17	125	158	19	117	75	132
FL125 SDR17	125	158	19	117	75	132
FL140 SDR11	140	188	23	125	73	155
FL140 SDR17	140	188	23	125	73	155
FL160 SDR11	160	212	25	128	75	175
FL160 SDR17	160	212	25	128	76	175
FL180 SDR11	180	212	25	140	85	183
FL180 SDR17	180	212	25	140	85	183
FL200 SDR11	200	268	27	140	84	232

ISO STUB FLANGE

Size(mm)	D	A	t	B	L	C
FL200 SDR17	200	268	27	140	85	232
FL225 SDR11	225	268	30	147	90	235
FL225 SDR17	225	268	30	147	92	235
FL250 SDR11	250	320	32	163	98	285
FL250 SDR17	250	320	32	163	98	285
FL280 SDR11	280	320	36	167	102	291
FL280 SDR17	280	320	36	167	103	291
FL315 SDR17	315	370	35	173	111	335
FL315 SDR11	315	370	35	173	111	335
F355 SDR11	355	430	38	235	164	375
F355 SDR17	355	430	38	235	164	375
F400 SDR11	400	482	40	230	158	427
F400 SDR17	400	482	40	230	158	427
F450 SDR11	450	540	45	230	155	470
F450 SDR17	450	540	45	230	155	470
F500 SDR11	500	585	53	230	145	520
F500 SDR17	500	585	53	230	145	520
F560 SDR11	560	685	54	220	130	575
F560 SDR17	560	685	54	220	130	575
F630 SDR11	630	690	60	220	125	642
F630 SDR17	630	690	60	220	125	642
F710 SDR17	710	800	53	220	150	737
F800 SDR17	800	905	60	230	150	840
F900 SDR17	900	1005	56	190	114	944
F1000 SDR17	1000	1100	70	250	150	1044
F1200 SDR17	1200	1330	70	335	235	1224

BUTT FUSION FITTING SERIES



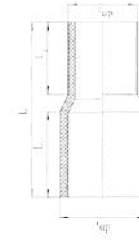
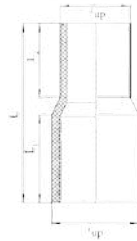
REDUCER

dn(mm)	L	L1	L2
50*20	116	55	42
50*25	110	55	42
50*32	110	55	45
50*40	110	55	49
63*25	150	70	58
63*32	150	70	58
63*40	153	70	60
63*50	160	70	60
75*32	160	80	60
75*40	160	73	60
75*50	160	80	60
75*63	160	80	63
90*32	170	80	65
90*40	170	80	65
S90*50	152	81	56
S90*63	158	81	60
S90*75	163	81	70
S110*50	155	80	52
S110*63	162	80	62
S110*75	170	80	70
S110*90	174	80	75
S125*63	165	85	62
S125*75	172	85	70
S125*90	175	85	75
S125*110	178	85	81
S140*63	180	80	65
S140*75	180	80	70
S140*90	202	98	78
S140*110	201	98	80
S140*125	205	98	92
S160*50	198	95	64
S160*63	192	95	60
S160*75	194	95	67
S160*90	205	95	80
S160*110	207	95	80
S160*125	206	95	80
S160*140	215	95	95
S180*63	223	105	68

REDUCER

dn(mm)	L	L1	L2
S180*75	217	105	72
S180*90	224	105	82
S180*110	232	105	92
S180*125	225	108	90
S180*140	230	107	96
S180*160	225	107	104
S200*63	203	109	63
S200*75	217	110	75
S200*90	210	106	72
S200*110	212	110	80
S200*125	212	110	82
S200*160	233	110	103
S200*180	231	108	110
S225*63	222	114	64
S225*75	235	116	82
S225*90	228	116	75
S225*110	235	114	86
S225*125	249	116	95
S225*140	252	117	102
S225*160	255	122	96
S225*180	246	117	110
S225*200	243	119	113
S250*63	212	120	62
S250*75	226	120	70
S250*90	227	122	72
S250*110	233	122	78
S250*125	240	120	86
S250*140	260	124	100
S250*160	244	122	97
S250*180	267	124	115
S250*200	256	121	112
S250*225	262	120	120
S280*110	308	140	90
S280*125	300	140	90
S280*140	310	140	92
S280*160	305	140	104
S280*180	305	140	110

BUTT FUSION FITTING SERIES



REDUCER

dn(mm)	L	L1	L2
S280*200	300	140	112
S280*225	298	140	120
S280*250	295	140	130
S315*90	229	122	76
S315*110	234	122	80
S315*125	241	122	84
S315*140	269	121	102
S315*160	250	122	96
S315*180	266	122	110
S315*200	262	120	110
S315*225	265	120	122
S315*250	263	120	122
S315*280	274	123	139
S355*110	270	105	100
S355*160	275	105	110
S355*200	260	105	110
S355*225	255	105	110
S355*250	323	165	120
S355*280	235	105	110
S355*315	325	165	140
S400*160	310	128	137
S400*200	310	130	138
S400*225	265	100	110
S400*250	310	130	140
S400*315	310	130	140
S400*355	310	132	138
S450*200	270	105	110
S450*225	270	105	110
S450*250	374	165	129
S450*280	255	105	110
S450*315	370	165	150
S450*355	245	105	110
S450*400	335	165	145
S500*200	280	98	105
S500*225	280	98	105
S500*250	280	98	110
S500*315	418	190	150
S500*400	375	190	140

REDUCER

dn(mm)	L	L1	L2
S500*450	375	190	155
S560*315	280	105	110
S560*355	265	105	110
S560*400	260	105	120
S560*450	260	105	120
S560*500	240	105	120
S630*315	285	110	100
S630*355	285	110	110
S630*400	429	208	140
S630*450	429	208	155
S630*500	442	208	185
S710*315	330	120	120
S710*355	330	120	120
S710*400	314	120	120
S710*450	300	120	120
S710*500	287	120	120
S710*560	277	120	120
S710*630	260	120	120
S800*315	348	120	120
S800*355	335	120	120
S800*400	328	120	120
S800*450	320	120	120
S800*500	305	120	120
S800*560	290	120	120
S800*630	282	120	120
S800*710	268	120	120



PRODUCT CATALOG



HIGH DURABILITY
Long-lasting Performance



LEAK-PROOF DESIGN
Trusted & Secure Connection



EASY INSTALLATION
Efficient & Time-Saving



POLYPUSH
PP COMPRESSION
FITTINGS

Pipamandiri.co.id

COMPRESSION FITTINGS



COUPLER / SOCKET



FEMALE ADAPTOR



MALE ADAPTOR



FEMALE ELBOW



MALE TEE



FEMALE TEE



REDUCER



90° ELBOW



EQUAL TEE



ADAPTOR



REDUCING TEE



MALE ELBOW



END CAP / DOP



CLAMP SADDLE



BALL VALVE



PREMIUM EPDM RUBBER

TANPA LEM DAN WELDING

PRAKTIS DAN KUAT

KAPASITAS TEKANAN PN 16

PEMASANGAN MUDAH

DESAIN ERGONOMIS

Cara Pemasangan



Buka Fitting ke Kiri



Lalu Masukkan Pipa ke dalam hingga melewati O Ring



Lalu Rapatkan O-Ring Dan Split Ring



Lalu Kencangkan ke Kanan Dan Pastikan Rapat

MUDAH - PRAKTIS - KUAT

FERRULE CUTTER

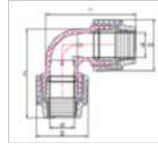
Terbuat dari Bahan Murni PolyPropylene yang mengacu pada standarisasi ISO 7-1 : 1994 memiliki kelebihan anti UV sehingga umur pakai lebih lama, mudah dan praktis untuk digunakan, serta kuat dan tahan terhadap air panas

- ✓ 1 Inch x 20mm
- ✓ 1 Inch x 25mm
- ✓ 1 1/4 Inch x 25mm

- EPDM O-Ring Dilengkapi dengan O Ring untuk dapat mencegah kebocoran dari air dan
- 10mm Hexagonal Untuk dipasang menggunakan kunci pas (ukuran 30mm, 32mm)
- 316 Stainless Knife Pemasangan & Kiri untuk Airtight memastikan pemasangan tanpa kebocoran
- Compression Joint Memudahkan dalam proses pemasangan pipa dengan menggunakan kunci pas

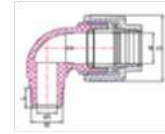


PP COMPRESSION FITTINGS VALVES & FILTERS



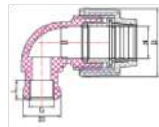
90° ELBOW

Nom Size	D	d	H
16	38	18.3	63.03
20	44	21	76
25	56	26	96
32	65	33	116
40	80	41	145
50	92	51	163
63	114	64	195
75	128	76	227
90	152	91	264
110	182	111	307



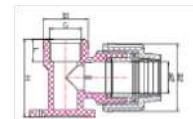
MALE THREAD ELBOW

Nom Size	D	d	d1	R	L
20X1/2"	44	21	12	1/2"	14
20X3/4"	44	21	17	3/4"	16
25X1/2"	56	26	12	1/2"	14
25X3/4"	56	26	17	3/4"	16
32X1/2"	65	33	12	1/2"	14
32X3/4"	65	33	17	3/4"	16
32X1"	65	33	22	1"	19
40X1 1/4"	80	41	30	1 1/4"	21
40X1 1/2"	80	41	34	1 1/2"	21
50X1 1/4"	92	51	30	1 1/4"	21
50X1 1/2"	92	51	34	1 1/2"	21
50X2"	92	51	44	2"	26
63X1 1/4"	114	64	30	1 1/4"	21
63X1 1/2"	114	64	33	1 1/2"	21
63X2"	114	64	46	2"	26
75X2 1/2"	128	76	59	2 1/2"	30
90X3"	152	91	70	3"	33
90X4"	152	91	91	4"	38
110X4"	182	111	89	4"	38



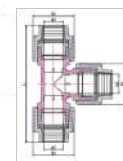
FEMALE THREAD ELBOW

Nom Size	D	d	D1	G	L
16X1/2"	38	18.3	29.7	1/2"	16.5
20X1/2"	44	21	31.6	1/2"	16
20X3/4"	44	21	38.6	3/4"	19
25X1/2"	56	26	31.6	1/2"	16
25X3/4"	56	26	38.6	3/4"	19
32X1/2"	65	33	31.6	1/2"	16
32X3/4"	65	33	38.6	3/4"	19
32X1"	65	33	47.4	1"	22
40X3/4"	80	41	38.6	3/4"	19
40X1"	80	41	47.4	1"	22
40X1 1/4"	80	41	62.0	1 1/4"	24
40X1 1/2"	80	41	67.0	1 1/2"	24
50X1 1/4"	92	51	62.0	1 1/4"	24
50X1 1/2"	92	51	67.0	1 1/2"	24
50X2"	92	51	81.2	2"	28
63X1 1/4"	114	64	62.0	1 1/4"	24
63X1 1/2"	114	64	67.0	1 1/2"	24
63X2"	114	64	81.2	2"	28
75X2"	128	76	81.2	2"	28
75X2 1/2"	128	76	105.0	2 1/2"	33
90X3"	152	91	126.0	3"	35
90X4"	152	91	157.0	4"	40
110X4"	182	111	157.0	4"	40



FEMALE THREAD ELBOW WITH BRACKET

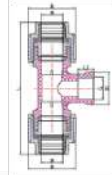
Nom Size	D	d1	L	D2	d2	H
25X3/4"	37	3/4"	19	56	26	65



TEE

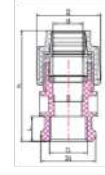
Nom Size	D	d	L
16	38	18.3	104.59
20	44	21	125
25	56	26	158
32	65	33	189
40	80	41	239
50	92	51	262
63	114	64	303
75	128	76	365
90	152	91	420
110	182	111	482

PP COMPRESSION FITTINGS VALVES & FILTERS



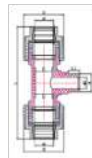
FEMALE THREAD TEE (With SS ring)

Nom Size	D	d	D1	G	L1	L
16X1/2"	38	18.3	29.7	1/2"	16.5	104.59
20X1/2"	44	21	31.6	1/2"	16	125
20X3/4"	44	21	38.6	3/4"	19	125
25X1/2"	56	26	31.6	1/2"	16	158
25X3/4"	56	26	38.6	3/4"	19	158
25X1"	56	26	47.4	1"	22	158
32X1/2"	65	33	31.6	1/2"	16	189
32X3/4"	65	33	38.6	3/4"	19	189
32X1"	65	33	47.4	1"	22	189
40X1 1/4"	80	41	62.0	1 1/4"	24	239
50X1"	92	51	47.4	1"	22	262
50X1 1/2"	92	51	67.0	1 1/2"	24	262
50X2"	92	51	81.2	2"	28	262
63X1"	114	64	47.4	1"	22	303
63X2"	114	64	81.2	2"	28	303
75X2 1/2"	128	76	105	2 1/2"	33	365
90X3"	152	91	126	3"	35	420
110X3"	182	111	126	3"	35	482
110X4"	182	111	157	4"	40	482



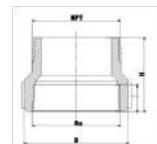
FEMALE THREAD SOCKET

Nom Size	D	d	D1	G	L	h
16X1/2"	38	18.3	29.7	1/2"	15.8	59.29
20X1/2"	44	21	31.6	1/2"	16	75
20X3/4"	44	21	38.6	3/4"	19	78
25X1/2"	56	26	31.6	1/2"	16	92
25X3/4"	56	26	38.6	3/4"	19	95
25X1"	56	26	47.4	1"	22	98
32X3/4"	65	33	38.6	3/4"	19	107
32X1"	65	33	47.4	1"	22	110
40X1 1/4"	80	41	62	1 1/4"	24	137
50X1 1/4"	92	51	62	1 1/4"	24	151
50X1 1/2"	92	51	67	1 1/2"	24	151
50X2"	92	51	81.2	2"	28	155
63X1 1/2"	114	64	67	1 1/2"	24	161
63X2"	114	64	81.2	2"	28	165
75X2"	128	76	81.2	2"	28	188
75X2 1/2"	128	76	105	2 1/2"	33	193
75X3"	128	76	126	3"	35	195
90X2 1/2"	152	91	105	2 1/2"	33	212
90X3"	152	91	126	3"	35	214
90X4"	152	91	157	4"	40	219
110X2"	182	111	81.2	2"	28	228
110X3"	182	111	126	3"	35	235
110X4"	182	111	157	4"	40	240



MALE THREAD TEE

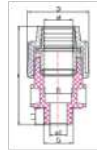
Nom Size	D	d	D1	R	L1	L
20X1/2"	44	21	12	1/2"	14	125
20X3/4"	44	21	16	3/4"	16	125
25X1/2"	56	26	12	1/2"	14	158
25X3/4"	56	26	16	3/4"	16	158
32X1/2"	65	33	12	1/2"	14	189
32X1"	65	33	22	1"	19	189
40X1 1/4"	80	41	30	1 1/4"	21	239
40X1 1/2"	80	41	34	1 1/2"	21	239
50X1 1/2"	92	51	34	1 1/2"	21	262
50X2"	92	51	46	2"	26	262
63X2"	114	64	46	2"	26	303
75X2 1/2"	128	76	59	2 1/2"	30	365
90X3"	152	91	70	3"	33	420
90X4"	152	91	89	4"	38	420
110X4"	182	111	89	4"	38	482



BSPT&NPT THREAD TRANSFER SOCKET

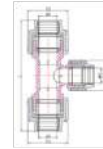
Nom Size	D	Rc	NPT	I	H
2 1/2"	90.4	2 1/2"	2 1/2"	34	87.5
3"	104.4	3"	3"	35	95.3
4"	134	4"	4"	35	97

PP COMPRESSION FITTINGS VALVES & FILTERS



MALE THREAD SOCKET

Nom Size	D	d	d1	R	L1	L
16X1/2"	38	18.3	12	1/2"	14	57.49
20X1/2"	44	21	12	1/2"	14	73
20X3/4"	44	21	16	3/4"	16	75
20X1"	44	21	22	1"	19	78
25X1/2"	56	26	12	1/2"	14	90
25X3/4"	56	26	16	3/4"	16	92
25X1"	56	26	22	1"	19	95
32X3/4"	65	33	16	3/4"	16	104
32X1"	65	33	22	1"	19	107
32X1 1/4"	65	33	30	1 1/4"	21	109
40X1"	80	41	22	1"	19	132
40X1 1/4"	80	41	30	1 1/4"	21	135
40X1 1/2"	80	41	34	1 1/2"	21	135
50X1 1/4"	92	51	30	1 1/4"	21	148
50X1 1/2"	92	51	34	1 1/2"	21	148
50X2"	92	51	46	2"	26	153
63X1 1/2"	114	64	34	1 1/2"	21	158
63X2"	114	64	46	2"	26	163
75X2"	128	76	46	2"	26	186
75X2 1/2"	128	76	59	2 1/2"	30	190
75X3"	128	76	70	3"	33	193
90X2"	152	91	46	2"	26	205
90X2 1/2"	152	91	59	2 1/2"	30	209
90X3"	152	91	70	3"	33	212
90X4"	152	91	89	4"	38	217
110X2"	182	111	46	2"	26	226
110X3"	182	111	70	3"	33	233
110X4"	182	111	89	4"	38	238



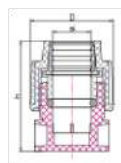
REDUCING TEE

Nom Size	D1	d1	D2	d2	L
20X25	44	21	56	26	125
25X20	56	26	44	21	158
32X20	65	33	44	21	179.5
32X25	65	33	56	26	189
40X25	80	41	56	26	233
40X32	80	41	65	33	239
50X25	92	51	56	26	256.3
50X32	92	51	65	33	262
50X40	92	51	80	41	262
63X32	114	64	65	33	285.2
63X50	114	64	92	51	303
75X50	128	76	92	51	352
75X63	128	76	114	64	365
90x63	152	91	114	64	408.2
90X75	152	91	128	76	420
110X90	182	111	152	91	482



REDUCING SOCKET

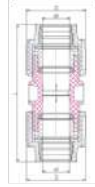
Nom Size	D1	d1	D2	d2	L
25X20	56	26	44	21	117
32X20	65	33	44	21	129
32X25	65	33	56	26	143
40X25	80	41	56	26	168
40X32	80	41	65	33	174
50X32	92	51	65	33	188
50X40	92	51	80	41	207
63X32	114	64	65	33	198
63X50	114	64	92	51	227
75X50	128	76	92	51	250
75X63	128	76	114	64	256
90X63	152	91	114	64	275
90X75	152	91	128	76	295
110X90	182	111	152	91	332



END CAP

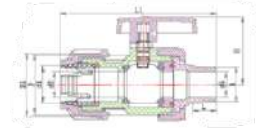
Nom Size	D	d	h
20	44	21	59
25	56	26	76
32	65	33	88
40	80	41	113
50	92	51	127
63	114	64	137
75	128	76	160
90	152	91	179
110	182	111	200

PP COMPRESSION FITTINGS VALVES & FILTERS



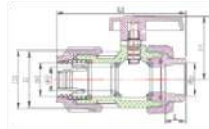
SOCKET

Nom Size	D	d	L
16	38	18.3	80.59
20	44	21	100
25	56	26	130
32	65	33	149
40	80	41	193
50	92	51	216
63	114	64	233
75	128	76	276
90	152	91	311
110	182	111	350



PP MALE UNION VALVE

Nom Size	d1	d2	D1	D	L	L1	d3	R	H
20	21.6	15	42.4	40	16	112.7	13.5	1/2"	47.4
25	26	22	49	48	17.5	127.32	18	3/4"	56.3
32	34	24	59	56	22	22	23	1"	63.4
40	41.1	32	71.5	63.7	23.1	196	28.8	1-1/4"	75.2
50	52.4	40	85	76.5	23	216	35	1-1/2"	84.4
63	65.9	50	104.5	95	27	246	46	2"	99.2



FEMALE UNION VALVE

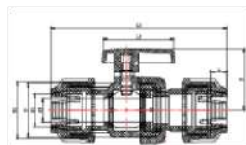
Nom Size	d1	d2	D1	D	L	L1	Rc	L
20	21.6	15	42.4	40	16	104	1/2"	47.4
25	26	22	49	48	17.5	117	3/4"	56.3
32	34	24	59	56	22	131	1"	63.4
40	41.1	32	71.5	63.7	27.5	171	1-1/4"	75.2
50	52.4	40	85	76.5	30.5	194	1-1/2"	84.4
63	65.9	50	104.5	95	37.2	223	2"	99.2



ITEM NO: PT014

FLANGE

Nom Size				
40X1 1/2"	50X1 1/2"	50X2"	63X2"	63X2 1/2"
75X2 1/2"	75X3"	90X3"	90X4"	110X4"



COMPRESSION TRUE UNION BALL VALVE

Nom Size	D	D1	d1	d2	L	L1	L2	H
20	40	42.4	21.6	15	13.5	143.6	55.5	47.4
25	48	49	26	22	16	164.82	64	56.3
32	56	59	34	24	17	183.1	73.3	63.4
40	63.7	71.5	41.1	32	34.9	256	99.2	75.2
50	76.5	85	52.4	40	38.4	287	116.6	74.4
63	95	104.5	65.9	50	39.8	320	126.5	99.2

PP COMPRESSION FITTINGS VALVES & FILTERS

Saddle clamps

FEATURES

Material: PP

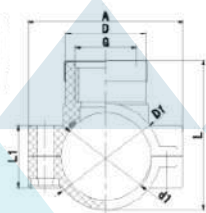
To be installed on pipes conforming to:

- | PE: EN 12201 / ISO 3607 / ISO 14236 /
DIN 8072 / DIN 8074 / UNI 10910
- | PP: ISO 3609 / DIN 8077 / UNI 8318
- | PVC-U: EN 1452-2

Fig.	Parts	Material
1	Upper Body	PP
2	Lower Body	PP
3	Bolts and Nuts	Zinc Plated Steel
4	O-Ring	NBR
5	Reinforce Ring	Stainless Steel

ASSEMBLY

- A** Clean the external surface of the pipe. Be sure that the O-Ring is in its position.
- B** Couple the upper portion of the saddle with the lower one on the pipe. Insert the bolts, screw in the nuts and tighten the bolts diagonally opposite each other.
- C** Drill a hole in the pipe wall. Do not damage the O-Ring or the pipe near the seal zone. Use the right tools.



Nom Size	D	G	D1	d1	L1	L	A	Nom Size	D	G	D1	d1	L1	L	A
25X1/2"	31	1/2"	34	25	26	50	76	90X1 1/4"	53	1 1/4"	105	90	44	129	138
25X3/4"	37	3/4"	34	25	26	52	76	90X1 1/2"	61.6	1 1/2"	105	90	44	129	138
32X1/2"	31	1/2"	41	32	27	51	78	90X2"	74	2"	105	90	44	129	138
32X3/4"	37	3/4"	41	32	27	53	78	110X1/2"	31	1/2"	126.4	110	37.2	142	158
32X1"	44	1"	41	32	27	56	84	110X3/4"	37	3/4"	126.4	110	37.2	142.2	158
40X1/2"	37	1/2"	50	40	32	66	85	110X1"	44	1"	126.4	110	37.0	147.2	158
40X3/4"	37	3/4"	50	40	32	68.5	85	110X1 1/2"	61.6	1 1/2"	126.4	110	37.2	148.7	158
40X1"	44	1"	50	40	32	71.5	85	110X1 1/4"	53	1 1/4"	126.4	110	37.2	148.7	158
50X1/2"	44	1/2"	60	50	34	76	85	110X2"	73.4	2"	126.3	110	37.2	147.2	158
50X3/4"	44	3/4"	60	50	34	78	85.5	110X3"	104	3"	126.4	110	37.2	158.7	158
50X1"	44	1"	60	50	34	81.4	85.5	125x1/2"	31	1/2"	142.8	125	37.2	160.2	175
50X1 1/4"	53	1 1/4"	60	50	34	85	85.5	125x3/4"	37	3/4"	142.8	125	37.2	160.4	175
63X1/2"	31	1/2"	74.2	63	36	90.2	96	125x1"	44	1"	143	125	32.2	164	175
63X3/4"	37	3/4"	74.2	63	36	92.2	100	125x1 1/2"	62	1 1/2"	142.8	125	37.2	164.4	175
63X1"	44	1"	74.2	63	36	97.0	100	125x2"	74.5	2"	142.8	125	37.2	165.2	175
63X1 1/4"	53	1 1/4"	74.2	63	36	98.2	100	140x3/4"	37	3/4"	159.2	140	37.2	178.1	192
63X1 1/2"	61.6	1 1/2"	74.2	63	36	98.2	100	140x1 1/2"	65	1 1/2"	159.2	140	37.2	184.6	192
75X1/2"	31	1/2"	89	75	45	105	100	140x2"	74.5	2"	159.2	140	37.2	188.8	192
75X3/4"	37	3/4"	89	75	45	107	117.6	160X1/2"	31	1/2"	181	160	51	200.5	211
75X1"	44	1"	90.2	75	45	108	117.6	160X1"	44	1"	181	160	51	200.5	211
75X1 1/4"	53	1 1/4"	89	75	45	110.5	117.6	160X2"	73.4	2"	181	160	51	200.5	211
75X1 1/2"	61.6	1 1/2"	89	75	45	108	117.6	160X3"	104	3"	181	160	51	212	211
75X2"	74	2"	89	75	45	112.5	117.57	160X4"	133	4"	181	160	51	220	211
90X1/2"	31.2	1/2"	105	90	44	121	117.6	200X2"	73.4	2"	222.6	200	57.6	244.9	265
90X3/4"	37	3/4"	105	90	44	123	138	200X3"	104	3"	181	200	57.6	265.2	255.3
90X1"	44	1"	105	90	44	126	138	200X4"	133	4"	222.6	200	57.6	262.1	265.2



THANK YOU

Thank you for your interest in our piping solutions.

We sincerely appreciate the opportunity to introduce our products and capabilities. We are committed to delivering high-quality piping systems that comply with international standards and meet the specific requirements of each project. Our focus is not only on product quality, but also on reliability, consistency, and long-term performance in various applications. With extensive experience in supplying piping solutions for a wide range of industries, we strive to provide comprehensive support, including technical consultation, product selection, and after-sales service to ensure optimal results for your projects. We continuously aim to build strong and sustainable partnerships with our clients by maintaining professionalism, responsiveness, and a high level of service.

Please feel free to contact us for further information, technical assistance, or customized solutions tailored to your project needs. We look forward to supporting your future projects and establishing a successful long-term collaboration.

Contact Us



pipamandiri.co.id



Gedung Kopi Lt. 4 No. 403, Menteng



sales@pipamandiri.co.id

Pipamandiri.co.id