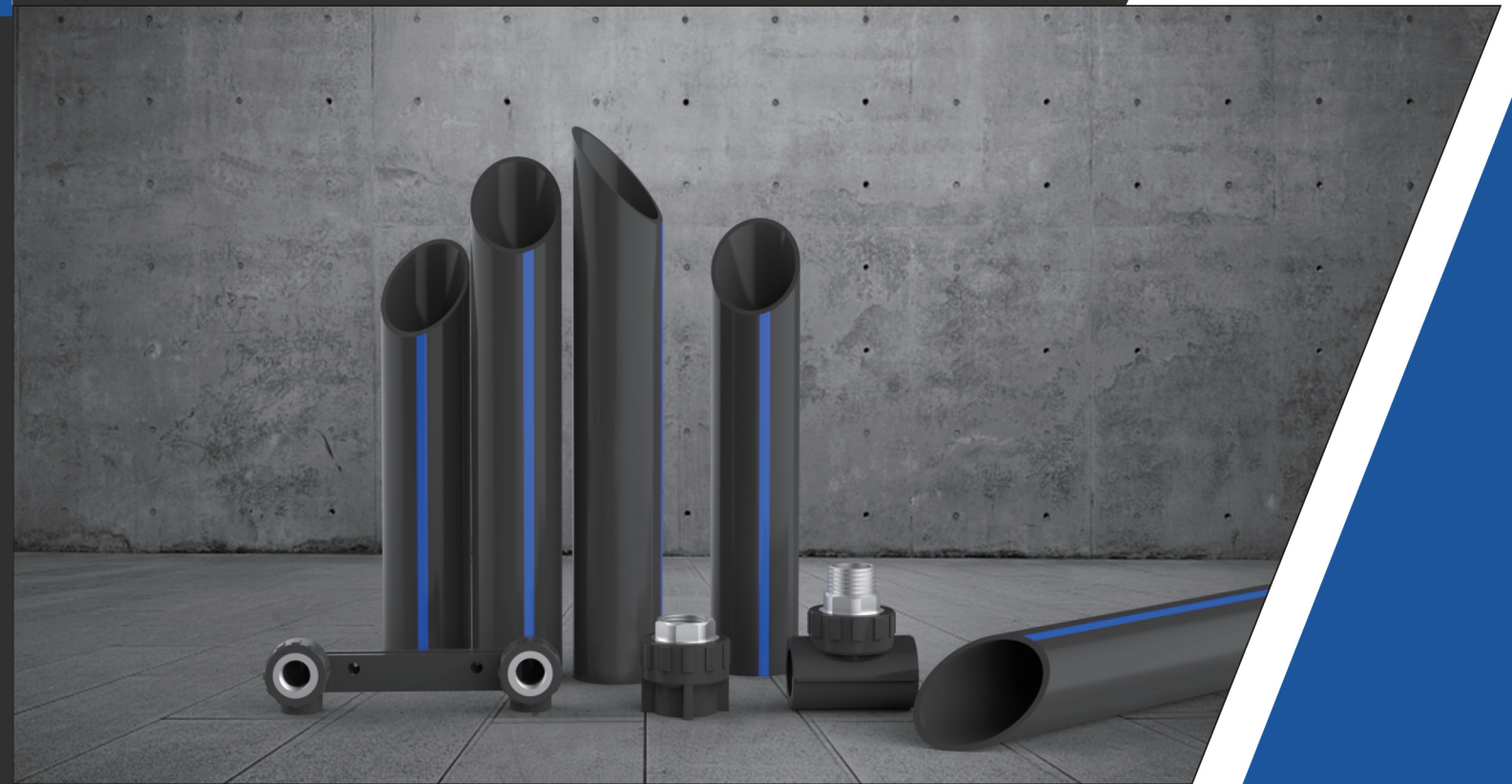




PE

Water Supply Pipe and Fittings

ULP HDPE water supply pipe is designed for above and underground water supply piping system. It is deal for water supply and Vent Installations with Good wear resistance High strength Good toughness and Flexibility Ultraviolet resistance etc. Approved by contractors, engineers and private home-owners. Conforms with GB/T 13663.2-2018 & GB/T 13663.3-2018 specification. Also Homso PE Water Supply Pipe and Fittings conform to EN12001-1/2/3:2011.

Note: German standard-DIN19537, 8074 & 8075 and national standard GB/T13663.2-2018 parameter comparison, (under the same pressure, pipe series specification number/outer diameter value/wall thickness/SDR value) are consistent

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Xiadong,Guicheng,Nanhai,Foshan.





PE 100 Pipes For Water Supply
• Working Pressure :0.6Mpa

O.D. (mm)	Thickness (mm)	SDR
110	4.2	26
125	4.8	26
160	6.2	26
180	6.9	26
200	7.7	26
225	8.6	26
250	9.6	26
280	10.7	26

PE 100 Pipes For Water Supply
• Working Pressure :0.8Mpa

O.D. (mm)	Thickness (mm)	SDR
90	4.3	21
110	5.3	21
125	6	21
160	7.7	21
180	8.6	21
200	9.6	21
225	10.8	21
250	11.9	21

PE 100 Pipes For Water Supply
• Working Pressure :0.6Mpa

O.D. (mm)	Thickness (mm)	SDR
315	12.1	26
355	13.6	26
400	15.3	26
450	17.2	26
500	19.1	26
560	21.4	26
630	24.1	26

PE 100 Pipes For Water Supply
• Working Pressure :0.8Mpa

O.D. (mm)	Thickness (mm)	SDR
280	13.4	21
315	15	21
355	16.9	21
400	19.1	21
450	21.5	21
500	23.9	21
560	26.7	21
630	30	21

PE 100 Pipes For Water Supply
• Working Pressure :1. 0Mpa

O.D. (mm)	Thickness (mm)	SDR
75	4.5	17
90	5.4	17
110	6.6	17
125	7.4	17
160	9.5	17
180	10.7	17
200	11.9	17
225	13.4	17
250	14.8	17

PE 100 Pipes For Water Supply
• Working Pressure :1. 25Mpa

O.D. (mm)	Thickness (mm)	SDR
63	4.7	13.6
75	5.6	13.6
90	6.7	13.6
110	8.1	13.6
125	9.2	13.6
160	11.8	13.6
180	13.3	13.6
200	14.7	13.6
225	16.6	13.6

PE 100 Pipes For Water Supply
• Working Pressure :1. 6Mpa

O.D. (mm)	Thickness (mm)	SDR
20	2.3	11
25	2.3	11
32	3	11
40	3.7	11
50	4.6	11
63	5.8	11
75	6.8	11
90	8.2	11
110	10	11
125	11.4	11
160	14.6	11

PE 100 Pipes For Water Supply
• Working Pressure :1. 0Mpa

O.D. (mm)	Thickness (mm)	SDR
280	16.6	17
315	18.7	17
355	21.1	17
400	23.7	17
450	26.7	17
500	29.7	17
560	33.2	17
630	37.4	17

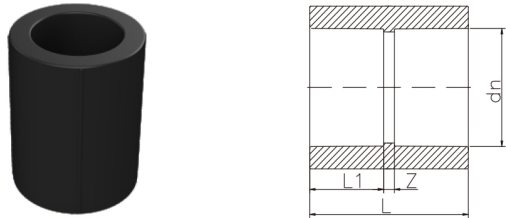
PE 100 Pipes For Water Supply
• Working Pressure :1. 25Mpa

O.D. (mm)	Thickness (mm)	SDR
250	18.4	13.6
280	20.6	13.6
315	23.2	13.6
355	26.1	13.6
400	29.4	13.6
450	33.1	13.6
500	36.8	13.6
630	46.3	13.6

PE 100 Pipes For Water Supply
• Working Pressure :1. 6Mpa

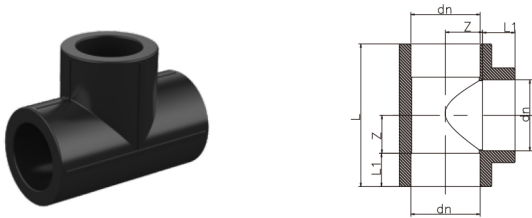
O.D. (mm)	Thickness (mm)	SDR
180	16.4	11
200	18.2	11
225	20.5	11
250	22.7	11
280	25.4	11
315	28.6	11
355	32.2	11
400	36.3	11
450	40.9	11
500	45.4	11
630	57.2	11

Coupling



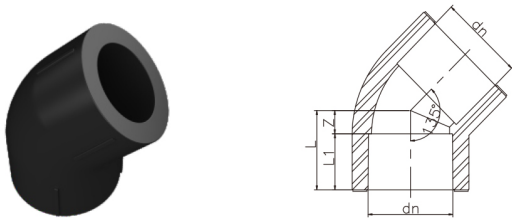
Size (mm)	L (mm)	L1 (mm)	Z (mm)
20	35	16.5	2
25	40	18.5	3
32	44	20.5	3
40	49	23	3
50	54	25.5	3
63	62	29.5	3
75	67	32	3
90	78	37	4
110	93	43.5	6

90° Equal Tee



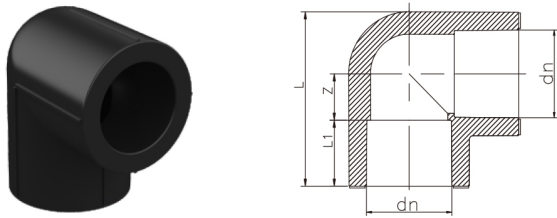
Size (mm)	L (mm)	L1 (mm)	Z (mm)
20	55.8	16.5	11.4
25	64.7	18.5	13.85
32	76.6	20.5	17.8
40	89.4	23	21.7
50	105.6	25.5	27.3
63	126.6	29.5	33.8
75	143	32	39.5
90	170	37	48
110	203	43	58.5

45° Elbow



Size (mm)	L (mm)	L1 (mm)	Z (mm)
20	22	16.5	5.5
25	25	18.5	6.5
32	29	20.5	8.5
40	33	23	10
50	37.5	25.5	12
63	44.5	29.5	15
75	51.71	32	19.71
90	60.9	37	23.9
110	72.5	43	29.5

90° Elbow



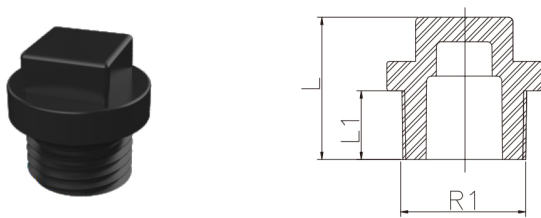
Size (mm)	L (mm)	L1 (mm)	Z (mm)
20	42	16.5	11.2
25	49	18.5	13.3
32	59.3	20.5	17
40	71.62	23	21.72
50	85.9	25.5	26.72
63	105.1	29.5	33.14
75	121.2	32	38.73
90	144.7	37	47.03
110	176.5	43.5	58.84

Cap



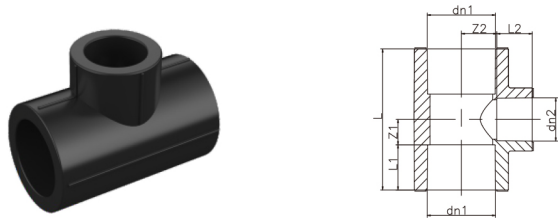
Size (mm)	L (mm)	L1 (mm)
20	24	16.5
25	27.5	18.5
32	31.5	20.5
40	35.5	23
50	42.5	25.5
63	51.5	29.5

Male Thread Plug



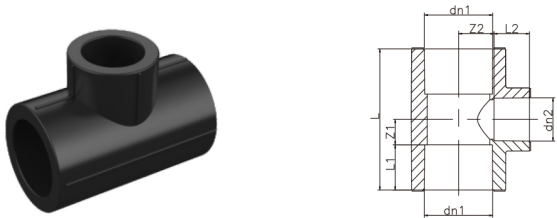
Size (mm)	L (mm)	L1 (mm)
R1/2"	26	13
R3/4"	29	14
R1"	34	16

90° Reducing Tee



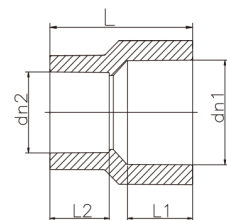
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)
25×20	59	18.5	16.5	11	13
32×20	64	20.5	16.5	11.5	16.5
32×25	68.5	20.5	18.5	13.75	17
40×20	70.8	23	16.5	12.4	21.2
40×25	75.7	23	18.5	14.85	21.2
40×32	82.6	23	20.5	18.3	21.7
50×20	75.8	25.5	16.5	12.4	26.3
50×25	80.7	25.5	18.5	14.85	26.3
50×32	87.6	25.5	20.5	18.3	26.8
50×40	95.4	25.5	23	22.2	26.8
63×25	88.7	29.5	18.5	14.85	32.8
63×32	95.6	29.5	20.5	18.3	33.3
63×40	103.4	29.5	23	22.2	33.3

90° Reducing Tee



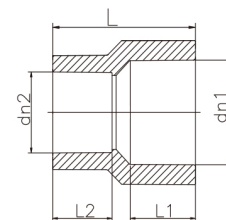
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)
63×50	113.6	29.5	25.5	27.3	33.8
75×32	100.6	32	20.5	18.3	39
75×40	108.4	32	23	22.2	39
75×50	118.6	32	25.5	27.3	39.5
75×63	131.6	32	29.5	33.8	39.5
90×40	120.4	37	23	23.2	46.5
90×50	130.6	37	25.5	28.3	47
90×63	143.6	37	29.5	34.8	47
90×75	155	37	32	40.5	47
110×50	142.6	42	25.5	28.3	57
110×63	155.6	42	29.5	34.8	57
110×75	167	42	32	40.5	57
110×90	182	42	37	48	58.5

Reducer



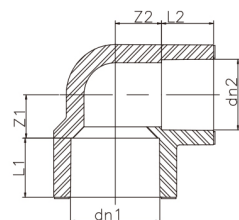
Size (mm)	L (mm)	L1 (mm)	L2 (mm)
25×20	39.5	18.5	16.5
32×20	43.5	20.5	16.5
32×25	44.5	20.5	18.5
40×20	47	23	16.5
40×25	49	23	18.5
40×32	50.5	23	20.5
50×20	53.73	25.5	16.5
50×25	55	25.5	18.5
50×32	57	25.5	20.5
50×40	59	25.5	23
63×25	56.65	29.5	18.5
63×32	59	29.5	20.5
63×40	61	29.5	23

Reducer



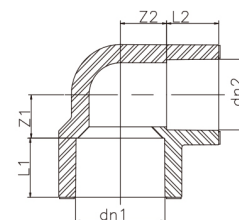
Size (mm)	L (mm)	L1 (mm)	L2 (mm)
63×50	63	29.5	25.5
75×32	63	32	20.5
75×40	65	32	23
75×50	67	32	25.5
75×63	70	32	29.5
90×40	75	37	23
90×50	77	37	25.5
90×63	81	37	29.5
90×75	84	37	32
110×50	86	43	25.5
110×63	89	43	29.5
110×75	92	43	32
110×90	98	43	37

90° Reducing Elbow



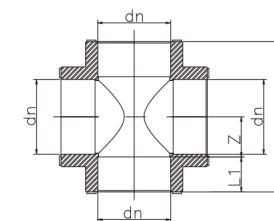
Size (mm)	L1 (mm)	Z1 (mm)	L2 (mm)	Z2 (mm)
25×20	18.5	12	16.5	13.5
32×20	20.5	13	16.5	17
32×25	20.5	15	18.5	16.5
40×20	23	14.5	16.5	14
40×25	23	18	18.5	13.5
40×32	23	21	20.5	16.5

90° Reducing Elbow



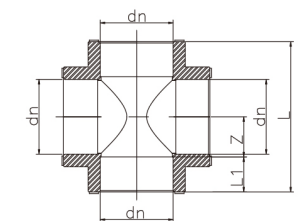
Size (mm)	L1 (mm)	Z1 (mm)	L2 (mm)	Z2 (mm)
50×25	25.5	21.5	18.5	20.5
50×32	25.5	23.5	20.5	19.5
50×40	25.5	29	23	20.5
63×32	29.5	24	20.5	26
63×40	29.5	28.5	23	24.5
63×50	29.5	33	25.5	27.5

Straight Cross



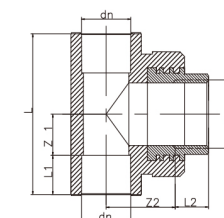
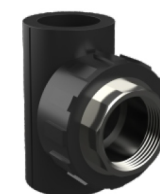
Size (mm)	L (mm)	L1 (mm)	Z (mm)
20	55	16.5	11
25	63.2	18.5	13.1
32	76	20.5	17.5
40	88	23	21
50	104	25.5	26.5

Straight Cross



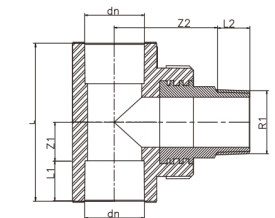
Size (mm)	L (mm)	L1 (mm)	Z (mm)
63	126	29.5	33.5
75	143	32	39.5
90	170	37	48
110	203	43	58.5

Female Tee (Copper Thread) II



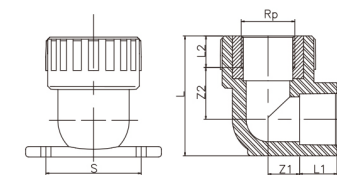
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)
32x1"	78	21	20.5	18	35.5

Male Tee (Copper Thread) II



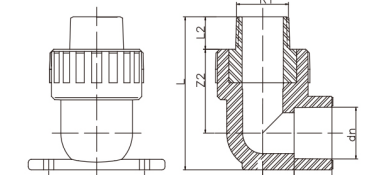
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)
32x1"	78	20.5	20.5	18.5	49.5

Female Thread Elbow With Seat



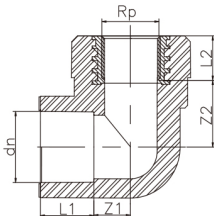
Size (mm)	L (mm)	L1 (mm)	Z1 (mm)	S (mm)	L2 (mm)	Z2 (mm)
20x1/2"	50	16.5	12.5	39	15	21
20x3/4"	50	16.5	13.5	39	15	21
25x1/2"	57.5	18.5	12.5	47	15	42.5
25x3/4"	57.5	18.5	15.5	47	15	42.5

Male Thread Elbow With Seat



Size (mm)	L (mm)	L1 (mm)	Z1 (mm)	S (mm)	L2 (mm)	Z2 (mm)
20x1/2"	65	16.5	12.5	39	15	36
20x3/4"	65	16.5	13.5	39	15	36
25x1/2"	72.5	18.5	12.5	47	15	40
25x3/4"	72.5	18.5	15.5	47	15	40

Female Elbow (Copper Thread) I

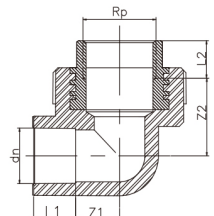



Size (mm)	L1 (mm)	Z1 (mm)	L2 (mm)	Z2 (mm)
20×1/2"	16.5	12.5	15	20
20×3/4"	16.5	13.5	15	21
25×1/2"	18.5	12.5	15	25
25×3/4"	18.5	15.5	15	25
25×1"				
32×1/2"	20.5	13	15	30
32×3/4"	20.5	15	15	30
40×3/4"	23	21.5	15	33.5
50×3/4"	25.5	26.8	15	44.5

Male Elbow (Copper Thread) I

Size (mm)	L1 (mm)	Z1 (mm)	L2 (mm)	Z2 (mm)
20×1/2"	16.5	12.5	15	36
20×3/4"	16.5	13.5	15	36
25×1/2"	18.5	12.5	15	40
25×3/4"	18.5	15.5	15	40
25×1"				
32×1/2"	20.5	13	15	45
32×3/4"	20.5	15	15	45
40×3/4"	23	21.5	15	47.5
50×3/4"	24.5	26.8	15	58.5

Female Elbow (Copper Thread) II

Size (mm)	L1 (mm)	Z1 (mm)	L2 (mm)	Z2 (mm)
32×1"	20.5	19	20.5	35.5
40×1"	23	21.5	20.5	38
40×1¼"	23	21.5	19	46
50×1"	25.5	26.8	20.5	37.5
50×1¼"	25.5	26.8	19	50.5
50×1½"	25.5	26.8	19	52.5
63×1"	29.5	33.1	20.5	49.5
63×1¼"	29.5	33.1	19	63.5
63×1½"	29.5	33.1	19	63.5
63×2"	29.5	33.1	22	62.5

Male Elbow (Copper Thread) II

Size (mm)	L1 (mm)	Z1 (mm)	L2 (mm)	Z2 (mm)
32×1"	20.5	18	20.5	52.7
40×1¼"	23	21.5	20.5	65
40×1"	23	21.5	20.5	59.3
50×1"	25.5	26.8	20.5	58
50×1¼"	25.5	26.8	21	69.5
50×1½"	25.5	26.8	23	70.5
63×1"	29.5	33.1	20.5	70
63×1¼"	29.5	33.1	21	81.5
63×1½"	29.5	33.1	23	81.5
63×2"	29.5	33.1	26.5	82.5

Female Tee (Copper Thread) I

Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)
20×1/2"	59	16.5	15	13	21
20×3/4"	60	16.5	15	13.5	21
25×1/2"	62	18.5	15	12.5	25
25×3/4"	67	18.5	15	15	25
25×1"					
32×1/2"	68	20.5	15	13.5	29
32×3/4"	72	20.5	15	15.5	30
40×3/4"	76	23	15	15	32

Male Tee (Copper Thread) I

Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)
20×1/2"	59	16.5	15	13	36
20×3/4"	60	16.5	15	13.5	36
25×1/2"	62	18.5	15	12.5	40
25×3/4"	67	18.5	15	15	40
25×1"					
32×1/2"	68	20.5	15	13	44
32×3/4"	72	20.5	15	15.5	45
40×3/4"	76	23		15	47.5

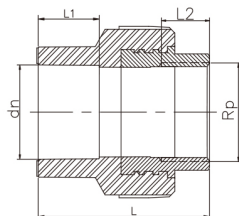
Female Coupling (Copper Thread) I

Size (mm)	L (mm)	L1 (mm)	L2 (mm)
20x1/2"	42	16.5	15
20x3/4"	44	16.5	15
25x1/2"	45	18.5	15
25x3/4"	44	18.5	15
25x1"	48	18.5	20.5
32x1/2"	47	20.5	15
32x3/4"	46	20.5	15
32×1"	49	20.5	20.5

Male Coupling (Copper Thread) I

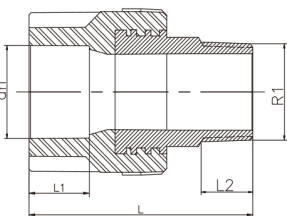
Size (mm)	L (mm)	L1 (mm)	L2 (mm)
20x1/2"	54	16.5	15
20x3/4"	57	16.5	15
25x1/2"	58	18.5	15
25x3/4"	57	18.5	15
25x1"	67.5	16.5	15
32x1/2"	62	20.5	15
32x3/4"	60	20.5	15
32x1"	78	20.5	20.5
40x1	73	23	20.5

Female Coupling
(Copper Thread) II



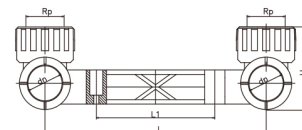
Size (mm)	L (mm)	L1 (mm)	L2 (mm)
40×1"	61	23	20.5
40×1¼"	66	23	19
50×1¼"	68.5	25.5	19
50×1½"	69.5	25.5	19
63×2"	80.5	29.5	22
75×2"	83	32	22

Male Coupling
(Copper Thread) II



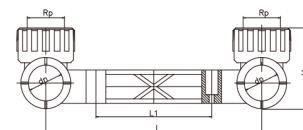
Size (mm)	L (mm)	L1 (mm)	L2 (mm)
40×1¼"	87	23	21
50×1¼"	89.5	25.5	21
50×1½"	91.5	25.5	23
63×2"	105	29.5	26.5
75×2"	107.5	32	26.5

Double Female Thread Tee
with Seat



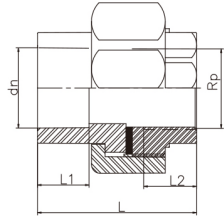
Size (mm)	L (mm)	L1 (mm)	H (mm)
20x1/2"	153	82	48.5
25x1/2"	153	82	55.6

Double Female Thread Elbow
with Seat



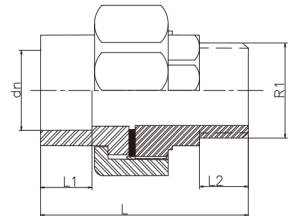
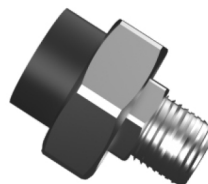
Size (mm)	L (mm)	L1 (mm)	H (mm)
20x1/2"	153	82	48.5
25x1/2"	153	82	55.6

Female Thread Union



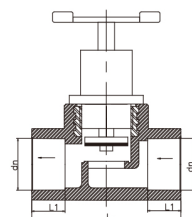
Size (mm)	L (mm)	L1 (mm)	L2 (mm)
20x1/2"	39	16.5	15
25x3/4"	43.8	18.5	15
32x1"	48	20.5	20.5

Male Thread Union



Size (mm)	L (mm)	L1 (mm)	L2 (mm)
20x1/2"	52	16.5	15
25x3/4"	57. 5	18.5	15
32x1"	65. 5	20. 5	20.5

Stop Valve



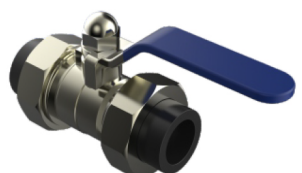
Size (mm)	L (mm)	L1 (mm)
20	70	16.5
25	80	18.5
32	94	20.5
40	95	23
50	115	25.5
63	135	29.5
75	134	32
90	188	37
110	198	43

Male Thread Union Ball Valve



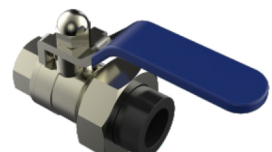
Size (mm)
20×1/2"
25×3/4"
32×1"
40×1¼"
50×1½"
63×2"

True Union Ball Valve



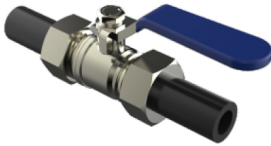
Size (mm)
20
25
32
40
50
63

Female Thread Union Ball Valve



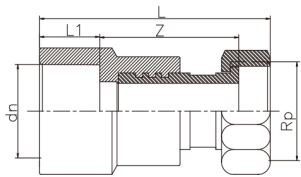
Size (mm)
20×1/2"
25×3/4"
32×1"
40×1¼"
50×1½"
63×2"

Ball Valve



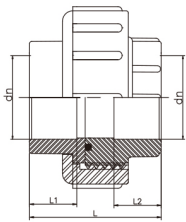
Size (mm)
20
25
32

Flexible Joint I



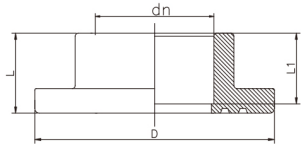
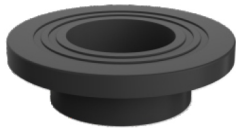
Size (mm)	L (mm)	L1 (mm)	Z (mm)
20×1/2"	68.6	16.5	43.5
20×3/4"	69.1	16.5	43.8
25×1/2"	70.6	18.5	43.5
25×3/4"	71.3	18.5	44
32×1"	79.5	20.5	48.5

Union II



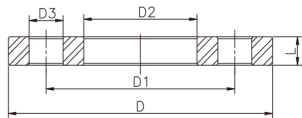
Size (mm)	L (mm)	L1 (mm)	L2 (mm)
20	46	16.5	16.5
25	51.3	18.5	18.5
32	59.3	20.5	20.5

Adapter Flange



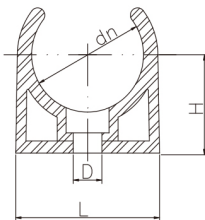
Size (mm)	L (mm)	L1 (mm)	D (mm)
40	26	23	80
50	30	25.5	90
63	34.5	29.5	107

Flange (Steel Tray)



Size (mm)	L (mm)	L1 (mm)	D1 (mm)	D2 (mm)	D3 (mm)
40	9.6	130	98	57	18
50	10	150	110	68	18
63	11.6	160	125	86	18

Pipe Clamp



Size (mm)	L (mm)	H (mm)	D (mm)
40			8
50			8
63			8

Rubber Gasket



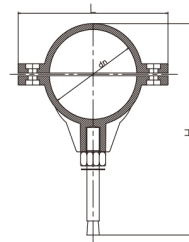
Size (mm)
40
50
63
75
90
110
125
160
180
200

Rubber Gasket



Size (mm)
225
250
280
315
355
400
450
500
560
630

Pipe Clamp (Screw)



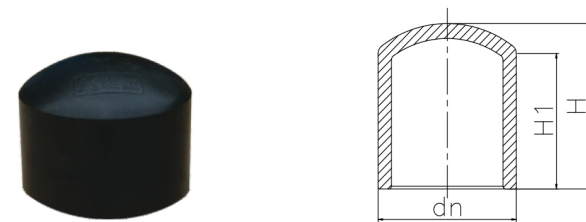
Size (mm)	L (mm)	H (mm)
20	50	90
25	57	101
32	64	118
40	76	126
50	87	135
63	104	150
75	113	162
90	130	186
110	148	206

45° Elbow



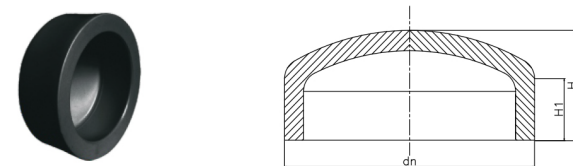
Size (mm)	L (mm)	Z (mm)	SDR
75	70	31.5	11
90	80	36.9	11
110	85	22.2	11
125	90	42	11
160	100	54	11
180	100	63.5	11
200	113	42.6	11
225	128.13	48.83	11
225	110	62.6	13.6
250	108	67.8	13.6

Cap



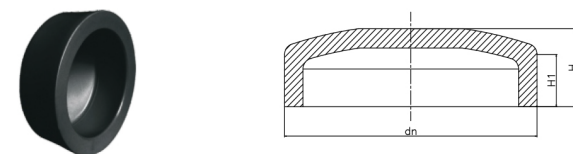
Size (mm)	H (mm)	H1 (mm)	SDR
75	88.5	75	11
90	96.8	80	11
110	107.5	85	11
125	120	90	11

Cap



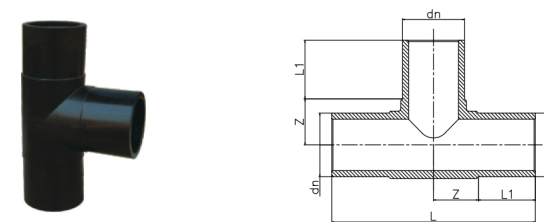
Size (mm)	H (mm)	H1 (mm)	SDR
160	131	100	11
180	141	100	11
200	152.5	99.5	11
225	166.35	111.8	11
250	167.5	110	11
280	141.2	84.31	13.6

Cap



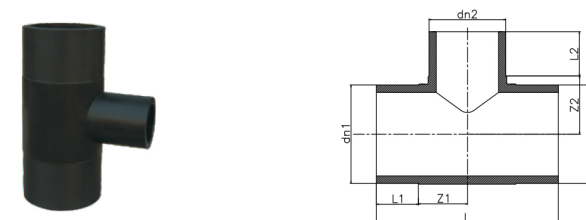
Size (mm)	H (mm)	H1 (mm)	SDR
315	135	75.6	13.6
355	107	71.6	13.6
400	117	82.2	17
450			17
500			17
560			17
630			17

90° Equal Tee



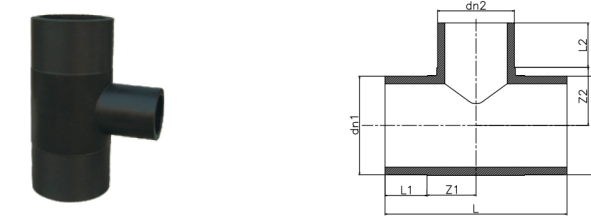
Size (mm)	L (mm)	L1 (mm)	Z (mm)	SDR
75	250	70	55	11
90	290	80	65	11
110	320	85	75	11
125	340	90	80	11
160	400	100	100	11
180	430	105	110	11
200	474	113	124	11
225	492	125	121	11
225	480	110	130	13.6
250	501	108	142.5	13.6

90° Reducing Tee



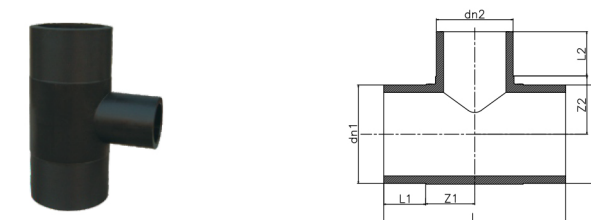
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)	SDR
110x50	260	85	65	45	70	11
110x63	270	85	70	50	70	11
110x75	280	85	75	55	70	11
110x90	300	85	80	65	70	11
125x50	282	90	70	51	77	11
125x63	295	90	70	57.5	77	11
125x75	305	90	80	62.5	82.5	11
125x90	320	90	80	70	82.5	11
125x110	335	90	85	77.5	77.5	11
160x63	330	100	70	65	100	11

90° Reducing Tee



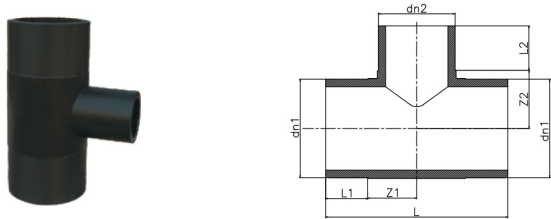
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)	SDR
160x75	332.5	100	80	66.25	100	11
160x90	338	100	80	69	100	11
160x110	350	100	85	75	95	11
160x125	370	100	90	85	97.5	11
180x75	355.5	105	70	72.75	107.75	11
180x90	378	105	80	84	110	11
180x110	390	105	85	90	105.5	11
180x125	397	105	90	93.5	108	11
180x160	430	105	100	110	110.5	11
200x90	394	113	80	84	120	11

90° Reducing Tee



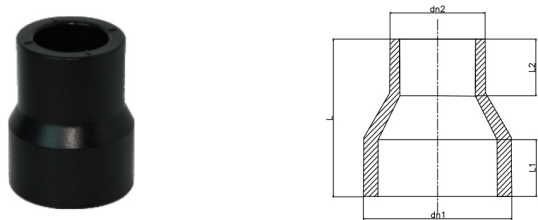
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)	SDR
200x110	406	113	85	90	115.5	11
200x125	414	113	90	94	118	11
200x160	446	113	100	110	120.5	11
200x180	460	113	105	117	120	11
225x110						11
225x110	400	110	85	90	127.5	13.6
225x125						11
225x125	405	110	90	92.5	130	13.6
225x160						11
225x160	440	110	100	110	132.5	13.6

90° Reducing Tee



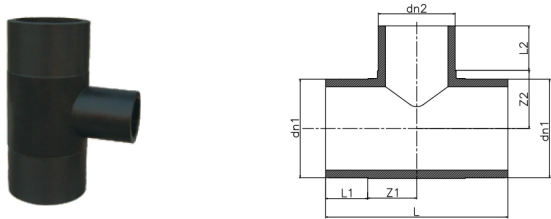
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)	SDR
225x180						11
225x180	460	110	105	120	132	13.6
225x200						11
225x200						13.6
250x110	405	110	85	92.5	140	13.6
250x125	415	110	90	97.5	142.5	13.6
250x160	435	110	100	107.5	145	13.6
250x180	455	110	105	117.5	144.5	13.6

Reducer



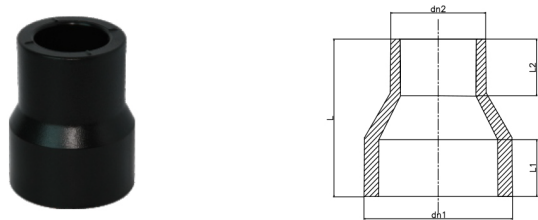
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	SDR
75x63	150	70	65	11
90x63	173	80	65	11
90x75	170	80	70	11
110x50	190	85	65	11
110x63	195	85	70	11
110x75	190	85	75	11
110x90	185	85	80	11
125x50	206	85	65	11
125x63	210	85	70	11
125x75	200	85	70	11
125x90	195	85	80	11
125x110	190	85	85	11
160x63	210	90	65	11

90° Reducing Tee



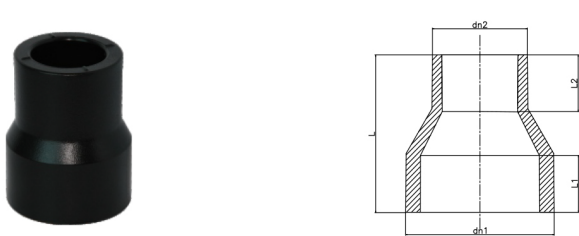
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	Z1 (mm)	Z2 (mm)	SDR
250x200	477	110	113	128.5	148.5	13.6
250x225	495	110	110	137.5	142.5	13.6
280x160						13.6
280x180						13.6
280x200						13.6
280x225						13.6
280x250						13.6

Reducer



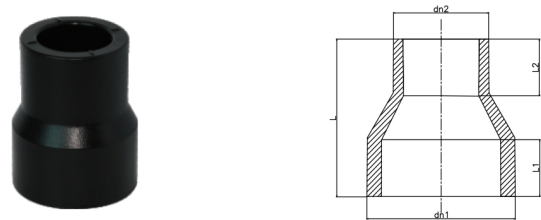
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	SDR
160x75	210	90	70	11
160x90	230	90	80	11
160x110	220	90	85	11
160x125	210	90	85	11
180x110	230	95	85	11
180x160	215	100	90	11
200x110	250	95	75	11
200x160	230	95	90	11
200x180				11
225x160	245	95	90	11
225x200	225	95	95	11
250x110	275	100	75	11
250x160	263	100	90	11

Reducer



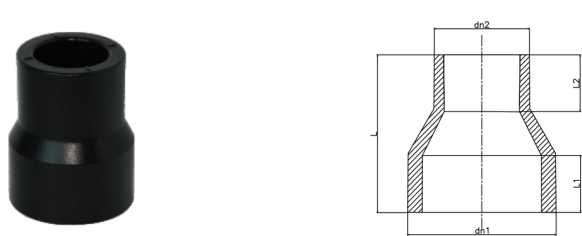
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	SDR
250x200	240	100	95	11
250x225	220	100	95	11
280x160	236	90	90	13.6
280x180	236	90	90	13.6
280x200	230	90	85	13.6
280x225	220	90	90	13.6
280x250				13.6
315x110	240	90	78	13.6

Reducer



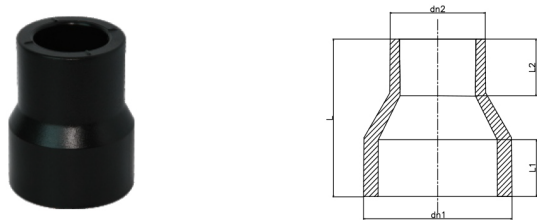
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	SDR
315x160	232	90	85	13.6
315x200	220	90	85	13.6
315x225	213	90	85	13.6
315x250	205	90	85	13.6
315x280	200	90	85	13.6
355x200	240	90	105	13.6
355x225	240	90	112.5	13.6
355x250	230	90	103	13.6
355x280	230	90	108.5	13.6
355x315	150	17.5	104	13.6
400x200	260	90	112	13.6
400x225	260	90	119	13.6
400x250	250	90	117	13.6

Reducer



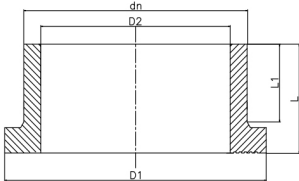
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	SDR
400x280	250	90	117.5	13.6
400x315				13.6
400x355				13.6
450x315				17
450x400				17
500x250				17
500x280				17
500x315				17

Reducer



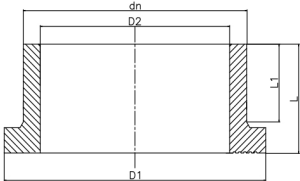
Size (mm)	L (mm)	L1 (mm)	L2 (mm)	SDR
500x400				17
500x450				17
560x315				17
560x400				17
560x450				17
630x315				17
630x400				17
630x500				17

Stub Flange



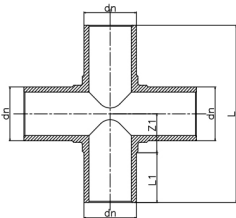
Size (mm)	D1 (mm)	D2 (mm)	L (mm)	L1 (mm)	SDR
75	125	61.4	115	75	11
90	138	80	127	80	11
110	150	90	130	85	11
125	155	102.2	140	85	11
160	212	130.8	176	100	11
180	201	147.2	156	125	11
200	226	163.6	171	100	11
225	268	184	175	117	11
225					11

Stub Flange



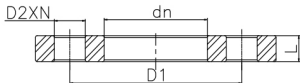
Size (mm)	D1 (mm)	D2 (mm)	L (mm)	L1 (mm)	SDR
250	281	204.6	189	153	11
280	325	236	155	120	13.6
315	356	268	150	104	13.6
355	420	302	200	154	13.6
400	480	348	190	144	17
450					17
500					17
560					17
630					17

Straight Cross



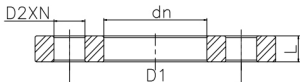
Size (mm)	L (mm)	L1 (mm)	Z1 (mm)	SDR
75	250	70	55	11
90	290	80	65	11
110	320	85	75	11
125	340	90	80	13.6
160	400	100	100	13.6
180	430	105	110	13.6
200	474	113	124	13.6
225	480	110	130	17
250	501	108	142.5	17

Flange (Steel Tray) (1.0Mpa)



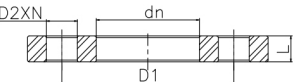
Size (mm)	D1 (mm)	D2 (mm)	N (mm)	L (mm)
200	295	23	8	16
225	295	23	8	16
250	350	23	12	18
280	350	23	12	18
315	400	23	12	20
355	460	23	16	20
400	515	25	16	21
450	565	25	20	21
500	620	25	20	22
560				
630				

Flange (Steel Tray) (1.6Mpa)



Size (mm)	D1 (mm)	D2 (mm)	N (mm)	L (mm)
75	145	18	4	12
90	160	18	8	13
110	180	18	8	13
125	180	18	8	13
160	240	23	8	14
180				
200	295	23	12	18
225	295	23	12	18

Flange (Steel Tray) (1.6Mpa)



Size (mm)	D1 (mm)	D2 (mm)	N (mm)	L (mm)
250	355	25	12	20
280	355	25	12	20
315	410	25	12	22
355	470	25	16	24
400	525	30	16	24
450	585	30	20	24
500	650	34	20	24

Indicators of PE Pipe

Color

PE water supply pipe is generally black with blue color line, blue pipe can also be produced according to user's requirements; pipe fittings are black or blue.

Appearance

The inner and outer surfaces of pipes and fittings shall be clean and smooth, and the defects such as air bubbles, obvious scratches, dents, impurities and uneven color are not allowed. The pipe end should be cut flat and perpendicular to the axis, Pipe fittings should be flat without defects.

Hydrostatic force

	Item	Circumferential Stress			Requirements
		PE63	PE80	PE100	
1	20℃Hydrostatic Force (100h)	8	10	12.4	NO Breakage/Leakage
2	80℃Hydrostatic Force(165h)	3.5	4.5	5.5	NO Breakage/Leakage
3	80℃Hydrostatic Force(1000h)	3.2	4	5	NO Breakage/Leakage

Physical and mechanical properties

	Item	Requirements
1	Elongation Ratio at Break/%	>350
2	Longitudinal Retraction Rate, (110℃)/%	≤3
3	Oxidative Induction Time(200℃)/min	≥20min
4	Melt Mass-flow Rate, 195℃,5Kg	Change less than ±20%
5	Welding strength of electrofusion pipe fittings	Brittle failure ratio ≤33.3%
6	Socket pipe fitting-Welding strength of butt welded pipe fittings	Ductile fracture when broken
7	Impact strength of saddle bypass	NO Breakage/Leakage

Construction instructions

- This product is suitable for buried water supply pipeline engineering with working temperature below 40℃.
- The selection of the form of pipe fittings shall comply with the following provisions:
Hot melt butt fitting: $DN \geq 63mm$
Hot melt socket pipe fitting: $20 \leq DN \leq 110$; Electrofusion socket pipe fitting: $20 \leq DN \leq 315$
Hot melt saddle pipe fitting: $63 \leq DN \leq 315$; Electrofusion saddle pipe fitting: $63 \leq DN \leq 315$
- The nominal pressure rating of the pipe selected by the PE pipe for secondary processing and welding shall not be less than 1.25 times that of the pipe in the pipe system.
- When the circulating water temperature in the polyethylene pipe is higher than 20 °C, the maximum allowable working pressure of the pipe should be reduced, and the reduction modulus is:

Temperature℃	$t \leq 20$	$20 < t \leq 30$	$30 < t \leq 40$
Reduction Factor	1	0.87	0.74

The connection of PE pipe

