

HDPE Fabricated Fitting Products Brochure

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This publication is intended for use as a products offering brochure. The technical information in this publication does not constitute a guarantee or warranty for piping installations because the conditions of use are beyond individual controls. The user of this information assumes all risk associated with its use. P&F Distributors has made every reasonable effort to ensure accuracy, but the information in this publication may not be complete, especially for special or unusual applications. Changes to this publication may occur from time to time without notice. Please contact P&F Distributors to determine if you have the most current edition.

Revised 9/5/2025



HDPE Fabricated 90° Elbow

Fittings Simplified

Fabricated fitting products can be butt fused to PE pipe and/or molded fittings inline to create a complete piping system

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent material itself

Full Pressure Rating

Fabricated PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

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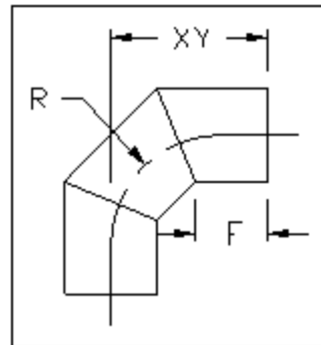
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HDPE PIPE IS OUR BUSINESS



Dimensions and weights are approximate and subjected to change. Please call for Sizes Not listed.

IPS Pipe Size	Nominal OD (in)	Dimension Ratio (DR)	Dimension (in)			Weight (lbs)
			R	F	XY	
14	14.00	17	14	8	19	42
		11				62
16	16.00	17	15	8	20	56
		11				84
18	18.00	17	16	8	21	76
		11				113
20	20.00	17	17	8	22	98
		11				147
22	22.00	17	23	8	26	134
		11				201
24	24.00	17	24	8	27	167
		11				250
28	28.00	17	38	14	42	352
		11				525
30	30.00	17	38	14	43	410
		11				611
32	32.00	17	38	14	43	473
		11				705
34	34.00	17	38	14	44	542
		11				807
36	36.00	17	38	14	44	616
		11				917
42	42.00	17	50	21	59	925
		11				1,129
48	48.00	17	51	21	61	1,244
		11				1,518
54	54.00	17	51	21	62	1,244
		11				1,518

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HDPE Fabricated Butt 45° Elbow

Fittings Simplified

Fabricated fitting products can be butt fused to PE pipe and/or molded fittings inline to create a complete piping system

Leak Free

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Full Pressure Rating

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Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

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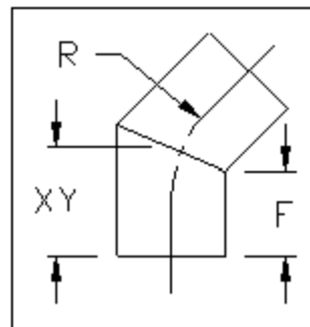
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			R	F	XY	
14	14.00	17	14	8	11	27
		11				40
16	16.00	17	15	8	12	37
		11				55
18	18.00	17	16	8	12	47
		11				70
20	20.00	17	17	8	12	60
		11				90
22	22.00	17	23	8	13	76
		11				114
24	24.00	17	24	8	13	94
		11				141
28	28.00	17	38	14	20	198
		11				295
30	30.00	17	38	14	20	228
		11				339
32	32.00	17	38	14	21	266
		11				396
34	34.00	17	38	14	21	307
		11				458
36	36.00	17	38	14	22	353
		11				525
42	42.00	17	50	21	30	353
		11				525
48	48.00	17	51	21	31	742
		11				905
54	54.00	17	51	21	32	775
		11				969

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HDPE IPS Fabricated Butt 30°, 22.5°, 11.25° Elbow

Fittings Simplified

Fabricated fitting products can be butt fused to PE pipe and/or molded fittings inline to create a complete piping system

Leak Free

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Full Pressure Rating

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Extreme Temperature Range

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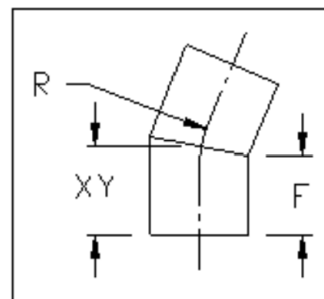
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IPS Pipe Size	Nominal OD (in)	Dimension Ratio (DR)	Dimension (in)			Weight (lbs)
			R	F	XY	
10	10.00	17	17	6.5	8	11
		11				17
12	12.00	17	20	8	9	19
		11				28
14	14.00	17	21	8	9	23
		11				35
16	16.00	17	24	8	10	31
		11				46
18	18.00	17	27	8	10	41
		11				60
20	20.00	17	30	8	10	51
		11				75
22	22.00	17	33	8	10	63
		11				93
24	24.00	17	36	8	10	76
		11				113
28	28.00	17	42	14	17	167
		11				249
30	30.00	17	45	14	17	194
		11				289
32	32.00	17	48	14	17	223
		11				333
34	34.00	17	51	14	17	255
		11				380
36	36.00	17	54	14	18	286
		11				426
42	42.00	17	63	21	25	462
		11				563
48	48.00	26	72	21	26	617
		11				753
54	54.00	26	81	21	26	652
		11				799

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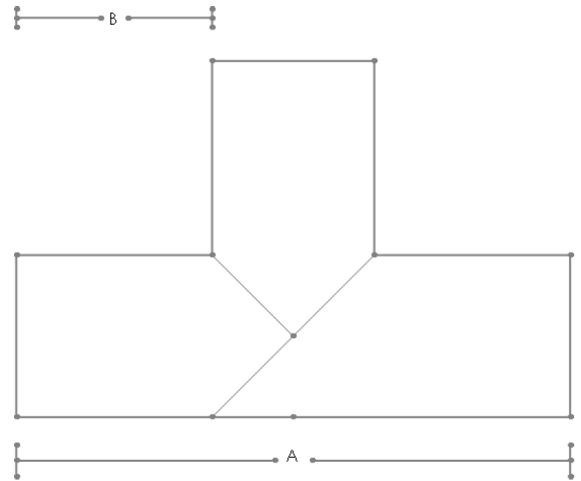
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HDPE Fabricated Equal Tee

Fittings Simplified

Fabricated fitting products can be butt fused to PE pipe and/or molded fittings inline to create a complete piping system

Leak Free

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Full Pressure Rating

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Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

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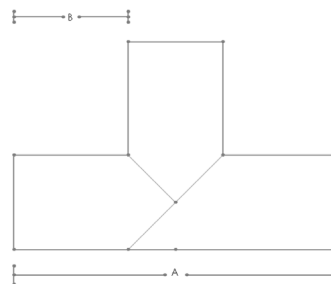
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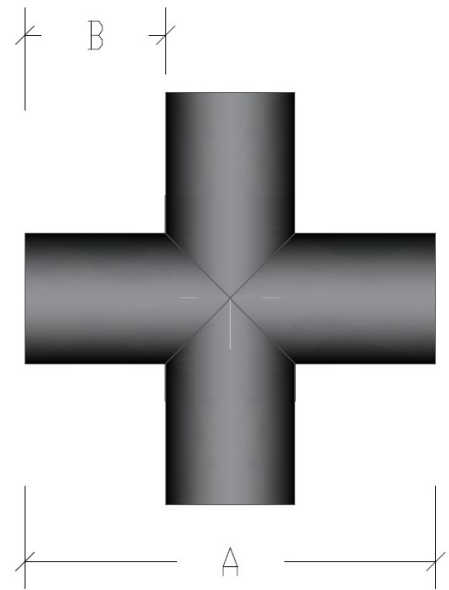
Nominal Size	Made from SDR	WPR	Approx. Dimensions	
			A	B
3	7	252	17.5	7
	9	200		
	11	160		
	17	100		
4	7	252	18.5	7
	9	200		
	11	160		
	17	100		
6	7	252	24.625	9
	9	200		
	11	160		
	17	100		
8	7	252	29.625	10.5
	9	200		
	11	160		
	17	100		
10	7	252	31.75	10.5
	9	200		
	11	160		
	17	100		
12	7	252	36.75	12
	9	200		
	11	160		
	17	100		
14	7	252	38	12
	9	200		
	11	160		
	17	100		
16	7	252	40	12
	9	200		
	11	160		
	17	100		
18	7	252	46	14
	9	200		
	11	160		
	17	100		
20	7	252	48	14
	9	200		
	11	160		
	17	100		
22	7	252	50	14
	9	200		
	11	160		
	17	100		
24	7	252	52	14
	9	200		
	11	160		
	17	100		

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HDPE Fabricated Equal Cross

Fittings Simplified

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Leak Free

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Full Pressure Rating

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Extreme Temperature Range

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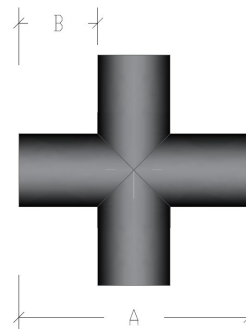
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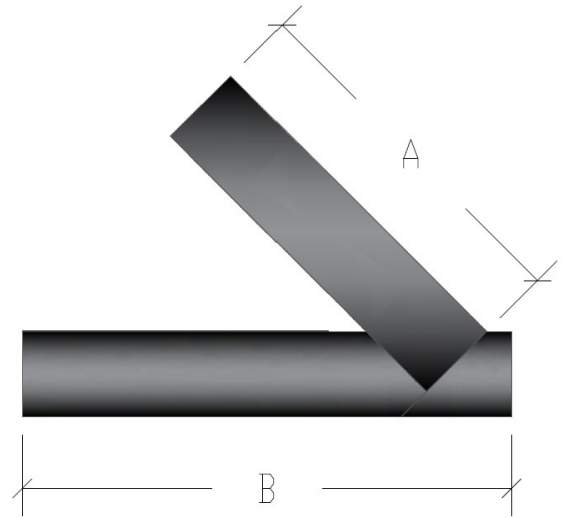
Nominal Size	Made from SDR	WPR	Approx. Dimensions	
			A	B
6	7	200	22.625	8
	9	160		
	11	100		
	17	80		
8	7	200	25.625	8.5
	9	160		
	11	100		
	17	80		
10	7	200	28.75	9
	9	160		
	11	100		
	17	80		
12	7	200	31.75	9.5
	9	160		
	11	100		
	17	80		
14	7	200	33	9.5
	9	160		
	11	100		
	17	80		
16	7	200	35	9.5
	9	160		
	11	100		
	17	80		
18	7	200	38	10
	9	160		
	11	100		
	17	80		
20	7	200	43	11.5
	9	160		
	11	100		
	17	80		
22	7	200	45	11.5
	9	160		
	11	100		
	17	80		
24	7	200	47	11.5
	9	160		
	11	100		
	17	80		

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HDPE Fabricated Lateral 45° Wye

Fittings Simplified

Fabricated fitting products can be butt fused to PE pipe and/or molded fittings inline to create a complete piping system

Leak Free

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Full Pressure Rating

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Extreme Temperature Range

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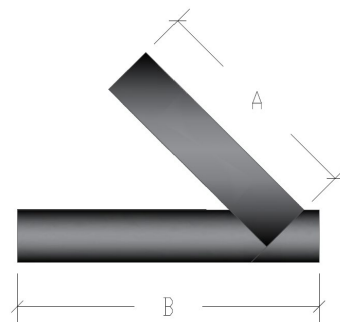
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Nominal Size	Made from SDR	WPR	Approx. Dimensions	
			A	B
4	7	200	17	23
	9	160		
	11	100		
	17	80		
6	7	200	28	35
	9	160		
	11	100		
	17	80		
8	7	200	30	38
	9	160		
	11	100		
	17	80		
10	7	200	31	41
	9	160		
	11	100		
	17	80		
12	7	200	36	48
	9	160		
	11	100		
	17	80		
14	7	200	36	50
	9	160		
	11	100		
	17	80		
16	7	200	36	50
	9	160		
	11	100		
	17	80		
18	7	200	41	56
	9	160		
	11	100		
	17	80		
20	7	200	51	69
	9	160		
	11	100		
	17	80		
22	7	200	60	78
	9	160		
	11	100		
	17	80		
24	7	200	68	86
	9	160		
	11	100		
	17	80		

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