

# ADVANTAGE 29 SERIES





## FULL BORE, LONG SPIGOT, FABRICATED MITRED BENDS

AsmuSS has supplied bespoke fabricated fittings for major projects for many years. As the size of pipe manufactured in New Zealand increases, so too has the demand for off the shelf large bore fittings. Our Plasson and Simona moulded HDPE spigot fittings range has increased to follow HDPE capability, and we can now offer standard pricing for large bore fabricated bends and tees on a made to order basis. Other fittings such as reducing tees and reducers are also available on a POA basis.

The fabricated fittings are made from PE100 pipe made in accordance with AS/NZS 4130 and the fabrication fittings follow POP006 PIPA guidelines.

### ADVANTAGE 29 SERIES: FULL BORE, LONG SPIGOT, FABRICATED MITRED BENDS

Manufactured In Accordance with POP006, the 29 Series bends are manufactured to the exact dimensional requirements in terms of pressure rating and specific SDR. The mitre configurations are designed using POP006 PN=fB xPN Pipe. The mitre angles shall not be greater than 15 degrees.





ADVANTAGE 29 SERIES - FULL BORE SDR11/PN16 MITRE BENDS					
	Code	Size OD (mm)		Code	Size OD (mm)
<b>11° SDR11/PN16 1 Mitre Bend</b>  	FFPEH29B11DEG/110	110	<b>45° SDR11/PN16 3 Mitre Bend</b>  	FFPEH29B45DEG/110	110
	FFPEH29B11DEG/125	125		FFPEH29B45DEG/125	125
	FFPEH29B11DEG/160	160		FFPEH29B45DEG/160	160
	FFPEH29B11DEG/180	180		FFPEH29B45DEG/180	180
	FFPEH29B11DEG/200	200		FFPEH29B45DEG/200	200
	FFPEH29B11DEG/225	225		FFPEH29B45DEG/225	225
	FFPEH29B11DEG/250	250		FFPEH29B45DEG/250	250
	FFPEH29B11DEG/280	280		FFPEH29B45DEG/280	280
	FFPEH29B11DEG/315	315		FFPEH29B45DEG/315	315
	FFPEH29B11DEG/355	355		FFPEH29B45DEG/355	355
	FFPEH29B11DEG/400	400		FFPEH29B45DEG/400	400
	FFPEH29B11DEG/450	450		FFPEH29B45DEG/450	450
	FFPEH29B11DEG/500	500		FFPEH29B45DEG/500	500
	FFPEH29B11DEG/560	560		FFPEH29B45DEG/560	560
	FFPEH29B11DEG/630	630		FFPEH29B45DEG/630	630
FFPEH29B11DEG/710	710	FFPEH29B45DEG/710	710		
FFPEH29B11DEG/800	800	FFPEH29B45DEG/800	800		
FFPEH29B11DEG/900	900	FFPEH29B45DEG/900	900		
FFPEH29B11DEG/1000	1000	FFPEH29B45DEG/1000	1000		
<b>22.5° SDR11/PN16 2 Mitre Bend</b>  	FFPEH29B22.5DEG/110	110	<b>90° SDR11/PN16 6 Mitre Bend</b>  	FFPEH29B90DEG/110	110
	FFPEH29B22.5DEG/125	125		FFPEH29B90DEG/125	125
	FFPEH29B22.5DEG/160	160		FFPEH29B90DEG/160	160
	FFPEH29B22.5DEG/180	180		FFPEH29B90DEG/180	180
	FFPEH29B22.5DEG/200	200		FFPEH29B90DEG/200	200
	FFPEH29B22.5DEG/225	225		FFPEH29B90DEG/225	225
	FFPEH29B22.5DEG/250	250		FFPEH29B90DEG/250	250
	FFPEH29B22.5DEG/280	280		FFPEH29B90DEG/280	280
	FFPEH29B22.5DEG/315	315		FFPEH29B90DEG/315	315
	FFPEH29B22.5DEG/355	355		FFPEH29B90DEG/355	355
	FFPEH29B22.5DEG/400	400		FFPEH29B90DEG/400	400
	FFPEH29B22.5DEG/450	450		FFPEH29B90DEG/450	450
	FFPEH29B22.5DEG/500	500		FFPEH29B90DEG/500	500
	FFPEH29B22.5DEG/560	560		FFPEH29B90DEG/560	560
	FFPEH29B22.5DEG/630	630		FFPEH29B90DEG/630	630
FFPEH29B22.5DEG/710	710	FFPEH29B90DEG/710	710		
FFPEH29B22.5DEG/800	800	FFPEH29B90DEG/800	800		
FFPEH29B22.5DEG/900	900	FFPEH29B90DEG/900	900		
FFPEH29B22.5DEG/1000	1000	FFPEH29B90DEG/1000	1000		

### FURTHER OPTIONS AVAILABLE ON REQUEST:

- We are able to fabricate to all other dedicated PN ratings
- Fully moulded bends are available in some sizes
- 30° and 60° options are available in all sizes
- Butt Welded options are available in all sizes and angles

## ADVANTAGE 29 SERIES

FULL BORE, LONG SPIGOT, FABRICATED MITRED BENDS

ADVANTAGE 29 SERIES - FULL BORE SDR17/PN10 MITRE BENDS					
	Code	Size OD (mm)		Code	Size OD (mm)
<b>11° SDR17/PN10 1 Mitre Bend</b> 	FFPE17H29B11DEG/110	110	<b>45° SDR17/PN10 3 Mitre Bend</b> 	FFPE17H29B45DEG/110	110
	FFPE17H29B11DEG/125	125		FFPE17H29B45DEG/125	125
	FFPE17H29B11DEG/160	160		FFPE17H29B45DEG/160	160
	FFPE17H29B11DEG/180	180		FFPE17H29B45DEG/180	180
	FFPE17H29B11DEG/200	200		FFPE17H29B45DEG/200	200
	FFPE17H29B11DEG/225	225		FFPE17H29B45DEG/225	225
	FFPE17H29B11DEG/250	250		FFPE17H29B45DEG/250	250
	FFPE17H29B11DEG/280	280		FFPE17H29B45DEG/280	280
	FFPE17H29B11DEG/315	315		FFPE17H29B45DEG/315	315
	FFPE17H29B11DEG/355	355		FFPE17H29B45DEG/355	355
	FFPE17H29B11DEG/400	400		FFPE17H29B45DEG/400	400
	FFPE17H29B11DEG/450	450		FFPE17H29B45DEG/450	450
	FFPE17H29B11DEG/500	500		FFPE17H29B45DEG/500	500
	FFPE17H29B11DEG/560	560		FFPE17H29B45DEG/560	560
	FFPE17H29B11DEG/630	630		FFPE17H29B45DEG/630	630
	FFPE17H29B11DEG/710	710		FFPE17H29B45DEG/710	710
FFPE17H29B11DEG/800	800	FFPE17H29B45DEG/800	800		
FFPE17H29B11DEG/900	900	FFPE17H29B45DEG/900	900		
FFPE17H29B11DEG/1000	1000	FFPE17H29B45DEG/1000	1000		
<b>22.5° SDR17/PN10 2 Mitre Bend</b> 	FFPE17H29B22.5DEG/110	110	<b>90° SDR17/PN10 6 Mitre Bend</b> 	FFPE17H29B90DEG/110	110
	FFPE17H29B22.5DEG/125	125		FFPE17H29B90DEG/125	125
	FFPE17H29B22.5DEG/160	160		FFPE17H29B90DEG/160	160
	FFPE17H29B22.5DEG/180	180		FFPE17H29B90DEG/180	180
	FFPE17H29B22.5DEG/200	200		FFPE17H29B90DEG/200	200
	FFPE17H29B22.5DEG/225	225		FFPE17H29B90DEG/225	225
	FFPE17H29B22.5DEG/250	250		FFPE17H29B90DEG/250	250
	FFPE17H29B22.5DEG/280	280		FFPE17H29B90DEG/280	280
	FFPE17H29B22.5DEG/315	315		FFPE17H29B90DEG/315	315
	FFPE17H29B22.5DEG/355	355		FFPE17H29B90DEG/355	355
	FFPE17H29B22.5DEG/400	400		FFPE17H29B90DEG/400	400
	FFPE17H29B22.5DEG/450	450		FFPE17H29B90DEG/450	450
	FFPE17H29B22.5DEG/500	500		FFPE17H29B90DEG/500	500
	FFPE17H29B22.5DEG/560	560		FFPE17H29B90DEG/560	560
	FFPE17H29B22.5DEG/630	630		FFPE17H29B90DEG/630	630
	FFPE17H29B22.5DEG/710	710		FFPE17H29B90DEG/710	710
FFPE17H29B22.5DEG/800	800	FFPE17H29B90DEG/800	800		
FFPE17H29B22.5DEG/900	900	FFPE17H29B90DEG/900	900		
FFPE17H29B22.5DEG/1000	1000	FFPE17H29B90DEG/1000	1000		

### FURTHER OPTIONS AVAILABLE ON REQUEST:




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- 30° and 60° options are available in all sizes
- Butt Welded options are available in all sizes and angles

# ADVANTAGE 28 SERIES




## REDUCED BORE, LONG SPIGOT, FABRICATED MITRED BENDS

Manufactured In Accordance with POP006, the 28 Series bends made from pipe with an increased SDR dimension to achieve the desired PN rating. This option requires less mitres and can be used if a reduced bore is acceptable.

### ADVANTAGE 28 SERIES - REDUCED BORE PN16 MITRE BENDS

	Code	Size (OD) mm
<b>22.5° PN16 1 Mitre Bend</b> 	FFPEH28B22.5DEGPN16/110	110
	FFPEH28B22.5DEGPN16/125	125
	FFPEH28B22.5DEGPN16/160	160
	FFPEH28B22.5DEGPN16/180	180
	FFPEH28B22.5DEGPN16/200	200
	FFPEH28B22.5DEGPN16/225	225
	FFPEH28B22.5DEGPN16/250	250
	FFPEH28B22.5DEGPN16/280	280
	FFPEH28B22.5DEGPN16/315	315
	FFPEH28B22.5DEGPN16/355	355
	FFPEH28B22.5DEGPN16/400	400
	FFPEH28B22.5DEGPN16/450	450
	FFPEH28B22.5DEGPN16/500	500
	FFPEH28B22.5DEGPN16/560	560
FFPEH28B22.5DEGPN16/630	630	
FFPEH28B22.5DEGPN16/710	710	
FFPEH28B22.5DEGPN16/800	800	
FFPEH28B22.5DEGPN16/900	900	
FFPEH28B22.5DEGPN16/1000	1000	
<b>45° PN16 2 Mitre Bend</b> 	FFPEH28B45DEGPN16/110	110
	FFPEH28B45DEGPN16/125	125
	FFPEH28B45DEGPN16/160	160
	FFPEH28B45DEGPN16/180	180
	FFPEH28B45DEGPN16/200	200
	FFPEH28B45DEGPN16/225	225
	FFPEH28B45DEGPN16/250	250
	FFPEH28B45DEGPN16/280	280
	FFPEH28B45DEGPN16/315	315
	FFPEH28B45DEGPN16/355	355
	FFPEH28B45DEGPN16/400	400
	FFPEH28B45DEGPN16/450	450
	FFPEH28B45DEGPN16/500	500
	FFPEH28B45DEGPN16/560	560
FFPEH28B45DEGPN16/630	630	
FFPEH28B45DEGPN16/710	710	
FFPEH28B45DEGPN16/800	800	
FFPEH28B45DEGPN16/900	900	
FFPEH28B45DEGPN16/1000	1000	
<b>90° PN16 3 Mitre Bend</b> 	FFPEH28B90DEGPN16/110	110
	FFPEH28B90DEGPN16/125	125
	FFPEH28B90DEGPN16/160	160
	FFPEH28B90DEGPN16/180	180
	FFPEH28B90DEGPN16/200	200
	FFPEH28B90DEGPN16/225	225
	FFPEH28B90DEGPN16/250	250
	FFPEH28B90DEGPN16/280	280
	FFPEH28B90DEGPN16/315	315
	FFPEH28B90DEGPN16/355	355
	FFPEH28B90DEGPN16/400	400
	FFPEH28B90DEGPN16/450	450
	FFPEH28B90DEGPN16/500	500
	FFPEH28B90DEGPN16/560	560
FFPEH28B90DEGPN16/630	630	
FFPEH28B90DEGPN16/710	710	
FFPEH28B90DEGPN16/800	800	
FFPEH28B90DEGPN16/900	900	
FFPEH28B90DEGPN16/1000	1000	

### ADVANTAGE 28 SERIES - REDUCED BORE PN10 MITRE BENDS


	Code	Size (OD) mm
<b>22.5° PN10 1 Mitre Bend</b> 	FFPEH28B22.5DEGPN10/110	110
	FFPEH28B22.5DEGPN10/125	125
	FFPEH28B22.5DEGPN10/160	160
	FFPEH28B22.5DEGPN10/180	180
	FFPEH28B22.5DEGPN10/200	200
	FFPEH28B22.5DEGPN10/225	225
	FFPEH28B22.5DEGPN10/250	250
	FFPEH28B22.5DEGPN10/280	280
	FFPEH28B22.5DEGPN10/315	315
	FFPEH28B22.5DEGPN10/355	355
	FFPEH28B22.5DEGPN10/400	400
	FFPEH28B22.5DEGPN10/450	450
	FFPEH28B22.5DEGPN10/500	500
	FFPEH28B22.5DEGPN10/560	560
FFPEH28B22.5DEGPN10/630	630	
FFPEH28B22.5DEGPN10/710	710	
FFPEH28B22.5DEGPN10/800	800	
FFPEH28B22.5DEGPN10/900	900	
FFPEH28B22.5DEGPN10/1000	1000	
<b>45° PN10 2 Mitre Bend</b> 	FFPEH28B45DEGPN10/110	110
	FFPEH28B45DEGPN10/125	125
	FFPEH28B45DEGPN10/160	160
	FFPEH28B45DEGPN10/180	180
	FFPEH28B45DEGPN10/200	200
	FFPEH28B45DEGPN10/225	225
	FFPEH28B45DEGPN10/250	250
	FFPEH28B45DEGPN10/280	280
	FFPEH28B45DEGPN10/315	315
	FFPEH28B45DEGPN10/355	355
	FFPEH28B45DEGPN10/400	400
	FFPEH28B45DEGPN10/450	450
	FFPEH28B45DEGPN10/500	500
	FFPEH28B45DEGPN10/560	560
FFPEH28B45DEGPN10/630	630	
FFPEH28B45DEGPN10/710	710	
FFPEH28B45DEGPN10/800	800	
FFPEH28B45DEGPN10/900	900	
FFPEH28B45DEGPN10/1000	1000	
<b>90° PN10 3 Mitre Bend</b> 	FFPEH28B90DEGPN10/110	110
	FFPEH28B90DEGPN10/125	125
	FFPEH28B90DEGPN10/160	160
	FFPEH28B90DEGPN10/180	180
	FFPEH28B90DEGPN10/200	200
	FFPEH28B90DEGPN10/225	225
	FFPEH28B90DEGPN10/250	250
	FFPEH28B90DEGPN10/280	280
	FFPEH28B90DEGPN10/315	315
	FFPEH28B90DEGPN10/355	355
	FFPEH28B90DEGPN10/400	400
	FFPEH28B90DEGPN10/450	450
	FFPEH28B90DEGPN10/500	500
	FFPEH28B90DEGPN10/560	560
FFPEH28B90DEGPN10/630	630	
FFPEH28B90DEGPN10/710	710	
FFPEH28B90DEGPN10/800	800	
FFPEH28B90DEGPN10/900	900	
FFPEH28B90DEGPN10/1000	1000	

## HDPE LONG SPIGOT


### FITTINGS & ACCESSORIES

LONG SPIGOT EQUAL TEES		
	Code	Size (OD) mm
<b>PE100 PN8 Long Spigot Equal Tee</b> 	FFPEHET/630	630
	FFPEHET/710	710
	FFPEHET/800	800
	FFPEHET/900	900
	FFPEHET/1000	1000

Note: Moulded fittings available 90-630mm  
Further options available on request

LONG SPIGOT REDUCING TEES		
	Code	Size (OD) mm
<b>PE100 PN8 Long Spigot Reducing Tee</b> 	FPE17HRT/090X075	90 X 75mm
	FPE17HRT/160X110	160 X 110mm
	FPE17HRT/200X160	200 X 160mm
	FPE17HRT/225X110	225 X 110mm
	FPE17HRT/225X160	225 X 160mm
	FPE17HRT/225X90	225 X 90mm
	FPE17HRT/250X110	250 X 110mm
	FPE17HRT/250X160	250 X 160mm
	FPE17HRT/315X160	315 X 160mm

Note: Electrofusion Reducing Saddles are available as an alternative in sizes up to 400mm. Refer to our Civil Catalogue.  
Further options available on request

LONG SPIGOT HYDRANT TEES		
	Code	Size (OD) mm
<b>PE100 SDR11 Long Spigot Hydrant Tee</b> 	FPEHHT/125	125 X Hydrant
	FPEHHT/180	180 X Hydrant
	FPEHHT/250	250 X Hydrant

Note: FBE coating is standard on all Ductile Iron components  
Further options available on request

FULL BORE - TRUE-SLIM FULL FACE FLANGES		
	Code	Size (OD) mm
<b>PE100 SDR11 Slim Flange Assembly FBE Coated Backing Ring</b> 	SLIMFLANGEFFN/250X200	250 X 200mm
	SLIMFLANGEFFN/315X250	315 X 250mm
	SLIMFLANGEFFN/355X300	355 X 300mm
PN16 Rated		
<b>PE100 SDR11 Slim Flange Assembly 316 St. Steel Backing Ring</b> 	SLIMFLANGEFFNS-S/250X200	250 X 200mm
	SLIMFLANGEFFNS-S/315X250	315 X 250mm
	SLIMFLANGEFFNS-S/355X300	355 X 300mm
PN16 Rated		

Other slim flanges available on request