

TECHNICAL DATA

Standard: AS/NZS 4129
 Size Range: DN 20 - DN 800
 Materials: AS/NZS 4131
 Pressure Range: PN 16 (Standard)
 PN 10 & PN 25 (Limited range)



SDR Range:	<u>EF FITTING</u>	<u>COMPATIBLE SDR RANGE</u>
	PN16 (DN20 – DN75)	SDR 7 – 11
	PN16 (DN90 & above)	SDR 7 – 17
	PN10 (DN20 – DN50)	SDR 11 – 17
	PN10 (DN63 & above)	SDR 11 – 26
	PN25	SDR 7 – 11

Fusion Welding: Refer PIPA Guideline POP001 for Electrofusion Jointing of PE Pipes and Fittings.



EF COUPLINGS DN 20-110				
Dia	Dia	PN10	PN16 Std	PN25
20	20		PEC020	
25	20		PEC025020	
25	25		PEC025	
32	20		PEC032020	
32	25		PEC032025	
32	32		PEC032	
40	25		PEC040025	
40	32		PEC040032	
40	40	PEC040L	PEC040	
50	25		PEC050025	
50	32		PEC050032	
50	40		PEC050040	
50	50	PEC050L	PEC050	PEC050H
63	32		PEC063032	
63	40		PEC063040	
63	50		PEC063050	
63	63	PEC063L	PEC063	PEC063H
75	63		PEC075063	
75	75	PEC075L	PEC075	PEC075H
90	50		PEC090050	
90	63		PEC090063	
90	75		PEC090075	
90	90	PEC090L	PEC090	PEC090H
110	63		PEC110063	
110	90		PEC110090	
110	110	PEC110L	PEC110	PEC110H

EF COUPLINGS DN 110 - 800

Dia	Dia	PN10	PN16 Std	PN25
125	90		PEC125090	
125	110		PEC125110	
125	125	PEC125L	PEC125	PEC125H
140	140	PEC140L	PEC140	
160	90		PEC16090	
160	110		PEC160110	
160	125		PEC160125	
160	160	PEC160L	PEC160	PEC160H
180	125		PEC180125	
180	180	PEC180L	PEC180	PEC180H
200	200	PEC200L	PEC200	PEC200H
225	225	PEC225L	PEC225	PEC225H
250	250	PEC250L	PEC250	PEC250H
280	280	PEC280L	PEC280	PEC280H
315	315	PEC315L	PEC315	PEC315H
355	355	PEC355L	PEC355	
400	400	PEC400L	PEC400	PEC400H
450	450	PEC450L	PEC450	
500	500	PEC500L	PEC500	
560	560	PEC560L	PEC560	
630	630	PEC630L	PEC630	
710	710	PEC710L	PEC710	
800	800	PEC800L	PEC800	



EF TRANSITION COUPLINGS - PN16 (BRASS BSP)

Dia	BSP Dia	Male BSP	Female BSP	Female Union
20	20			PEAU020020
25	20	PEAM025020	PEAF025020	PEAU025020
25	25			PEAU025025
32	20	PEAM032020	PEAF032020	
32	25	PEAM032025	PEAF032025	PEAU032025
32	32	PEAM032032		PEAU032032
32	40	PEAM032040		
40	25	PEAM040025	PEAF040025	
40	32	PEAM040032	PEAF040032	PEAU040032
40	40	PEAM040040	PEAF040040	PEAU040040
40	50	PEAM040050		
50	25	PEAM050025		PEAU050025
50	32	PEAM050032		
50	40	PEAM050040	PEAF050040	
50	50	PEAM050050	PEAF050050	PEAU050050
63	32	PEAM063032		
63	40	PEAM063040	PEAF063040	
63	50	PEAM063050	PEAF063050	PEAU063050
63	65			PEAU063065
75	50	PEAM075050		
75	65	PEAM075065		





EF BRASS BSP INSERTS - PN16

Dia	BSP Dia	Male BSP	Female BSP
25	20	PBAME025020	PBAFE025020
32	25	PBAME032025	PBAFE032025
40	32	PBAME040032	PBAFE040032
50	40	PBAME050040	PBAFE050040
63	50	PBAME063050	PBAFE063050
75	65	PBAME075065	PBAFE075065
90	80	PBAME090080	PBAFE090080
110	100	PBAME110100	PBAFE110100
125	100	PBAME125100	PBAFE125100



EF POLY BSP INSERTS - PN16

Dia	BSP Dia	Male BSP	Female BSP
25	20	PBAFE025020P	PBAME025020P
32	25	PBAFE032025P	PBAME032025P
40	25	PBAFE040025P	PBAME040025P
40	32	PBAFE040032P	PBAME040032P
50	40	PBAFE050040P	PBAME050040P
63	40	PBAFE063040P	PBAME063040P
63	50	PBAFE063050P	PBAME063050P



EF ELBOWS - PN16

Dia	90 Deg	45 Deg	22.5 Deg
20	PEE020		
25	PEE025		
32	PEE032	PEE03245	
40	PEE040	PEE04045	
50	PEE050	PEE05045	
63	PEE063	PEE06345	
75	PEE075	PEE07545	
90	PEE090	PEE09045	PEE09022
110	PEE110	PEE11045	PEE11022
125	PEE125	PEE12545	PEE12522
160	PEE160	PEE16045	PEE16022
180	PEE180	PEE18045	PEE18022
200	PEE200	PEE20045	
225	PEE225	PEE22545	
250	PEE250	PEE25045	

EF ADJUSTABLE ELBOWS - PN16

Dia	Max Adjustment	EF - EF	EF - Spigot
110	12 deg / EF Cplg	PEEA11024	PEEA11012
125	12 deg / EF Cplg	PEEA12524	PEEA12512
160	12 deg / EF Cplg	PEEA16024	PEEA16012
180	12 deg / EF Cplg	PEEA18024	PEEA18012
200	12 deg / EF Cplg	PEEA20024	PEEA20012



EF TRANSITION ELBOWS 90 DEG - PN16 (BRASS BSP)

Dia	BSP Dia	Male BSP	Female BSP	Female Union
20	20			PEEU020020
25	20	PEEM025020	PEEF025020	PEEU025020
25	25			PEEU025025
32	20	PEEM032020		
32	25	PEEM032025	PEEF032025	PEEU032025
32	32	PEEM032032		PEEU032032
32	40	PEEM032040		
40	25	PEEM040025	PEEF040025	
40	32	PEEM040032	PEEF040032	
40	40	PEEM040040	PEEF040040	PEEU040040
40	50	PEEM040050		
50	25	PEEM050025		
50	32	PEEM050032		
50	40	PEEM050040	PEEF050040	
50	50	PEEM050050	PEEF050050	PEEU050050
63	32	PEEM063032		
63	40	PEEM063040	PEEF063040	PEEU063040
63	50	PEEM063050	PEEF063050	PEEU063050
63	65			PEEU063065
75	50	PEEM075050		
75	65	PEEM075065		



EF TRANSITION ELBOWS 45 DEG - PN16 (BRASS BSP)

Dia	BSP Dia	Male BSP	Female BSP	Female Union
32	20	PEEM03202045		
32	25	PEEM03202545	PEEF03202545	PEEU03202545
32	32	PEEM03203245		PEEU03203245
32	40	PEEM03204045		
40	25	PEEM04002545	PEEF04002545	
40	32	PEEM04003245	PEEF04003245	
40	40	PEEM04004045	PEEF04004045	PEEU04004045
40	50	PEEM04005045		
50	25	PEEM05002545		
50	32	PEEM05003245		
50	40	PEEM05004045	PEEF05004045	
50	50	PEEM05005045	PEEF05005045	PEEU05005045
63	32	PEEM06303245		
63	40	PEEM06304045	PEEF06304045	
63	50	PEEM06305045	PEEF06305045	PEEU06305045
63	65			PEEU06306545
75	50	PEEM07505045		
75	65	PEEM07506545		



TEES - PN16			
Dia	Branch Dia	Standard	Reducing
20	20	PET020	
25	20		PET025020
25	25	PET025	
32	20		PET032020
32	25		PET032025
32	32	PET032	
40	20		PET040020
40	25		PET040025
40	32		PET040032
40	40	PET040	
50	20		PET050020
50	25		PET050025
50	32		PET050032
50	40		PET050040
50	50	PET050	
63	20		PET063020
63	32		PET063032
63	40		PET063040
63	50		PET063050
63	63	PET063	
75	63		PET075063
75	75	PET075	
90	63		PET090063
90	75		PET090075
90	90	PET090	
110	63		PET110063
110	90		PET110090
110	110	PET110	
125	90		PET125090
125	110		PET125110
125	125	PET125	
160	90		PET160090
160	110		PET160110
160	125		PET160125
160	160	PET160	
180	110		PET180110
180	125		PET180125
180	160		PET180160
180	180	PET180	
200	90		PET200090
200	110		PET200110
200	200	PET200	
225	90		PET225090
225	110		PET225110
225	225	PET225	
250	90		PET250090
250	110		PET250110
250	250	PET250	



EF HYDRANT TEES – FLANGED BRANCH (FULL FACE) PN16

Tee, PE Full Face Flange with SS Backing Ring

Dia	Branch Dia	Flange Drilling	Product Code
110	90	80 – 100 T/D&E Slotted	PETFF110090
125	90	80 – 100 T/D&E Slotted	PETFF125090
160	90	80 – 100 T/D&E Slotted	PETFF160090
180	90	80 – 100 T/D&E Slotted	PETFF180090
200	90	80 – 100 T/D&E Slotted	PETFF200090
225	90	80 – 100 T/D&E Slotted	PETFF225090
250	90	80 – 100 T/D&E Slotted	PETFF250090
125	125	100 T/D	PETFF125125
180	125	100 T/D	PETFF180125



EF SCOUR TEES – FLANGED BRANCH (FULL FACE) PN16

Tee, Eccentric Reducer, PE Full Face Flange with SS Backing Ring

Dia	Branch Dia	Flange Drilling	Product Code
125	125 – 90 Ecc	80 – 100 T/D&E Slotted	PESTFF125090
180	180 – 90 Ecc	80 – 100 T/D&E Slotted	PESTFF180090



EF END CAPS & PLUGS PN16

Dia	End Cap	Plug Insert
20	PEBC020	PEBP020
25	PEBC025	PEBP025
32	PEBC032	PEBP032
40	PEBC040	PEBP040
50	PEBC050	PEBP050
63	PEBC063	PEBP063
75	PEBC075	PEBP075
90	PEBC090	PEBP090
110	PEBC110	PEBP110
125	PEBC125	PEBP125
140	PEBC140	PEBP140
160	PEBC160	PEBP160
180	PEBC180	PEBP180
200	PEBC200	PEBP200
225	PEBC225	PEBP225
250	PEBC250	PEBP250
280		PEBP280
315		PEBP315





EF BRANCH SADDLE PN16		
Dia	Branch Dia	Product Code
63	32	PESB063032
63	40	PESB063040
63	50	PESB063050
63	63	PESB063063
75	32	PESB075032
75	40	PESB075040
75	50	PESB075050
75	63	PESB075063
90	32	PESB090032
90	40	PESB090040
90	50	PESB090050
90	63	PESB090063
90	90	PESB090090
110	32	PESB110032
110	40	PESB110040
110	50	PESB110050
110	63	PESB110063
110	90	PESB110090
125	32	PESB125032
125	40	PESB125040
125	50	PESB125050
125	63	PESB125063
125	90	PESB125090
140	32	PESB140032
140	40	PESB140040
140	50	PESB140050
140	63	PESB140063
140	90	PESB140090
160	32	PESB160032
160	40	PESB160040
160	50	PESB160050
160	63	PESB160063
160	90	PESB160090
180	32	PESB180032
180	40	PESB180040
180	50	PESB180050
180	63	PESB180063
180	90	PESB180090
200	63	PESB200063
200	90	PESB200090
225	63	PESB225063
225	90	PESB225090
250	63	PESB250063
250	90	PESB250090
280	90	PESB280090
315	90	PESB315090



EF UNIVERSAL BRANCH SADDLE PN16

Dia Range	Branch Dia	Product Code
250-400	90	PESBU400090
250-400	110	PESBU400110
250-400	125	PESBU400125
250-400	160	PESBU400160
400	250	PESBU400250
450-800	90	PESBU800090
450-800	110	PESBU800110
450-800	125	PESBU800125
450-800	160	PESBU800160
560	400	PESBU560400
500-630	250	PESBU630250
630	400	PESBU630400



EF FLANGED BRANCH SADDLE PN16

PE Full Face Flange with SS Backing Ring

Dia	Flange Drilling	Product Code
125 x 90	80 – 100 T/D&E Slotted	PESBFF125090
180 x 90	80 – 100 T/D&E Slotted	PESBFF180090
250 x 90	80 – 100 T/D&E Slotted	PESBFF250090
315 x 90	80 – 100 T/D&E Slotted	PESBFF315090



EF TRANSITION SADDLE PN16

Dia	BSP Dia	Product Code
63	32F	PESF063032
63	40F	PESF063040
75	32F	PESF075032
90	32F	PESF090032
90	40F	PESF090040
90	50F	PESF090050
110	32F	PESF110032
110	40F	PESF110040
110	50F	PESF110050
125	32F	PESF125032
125	40F	PESF125040
125	50F	PESF125050
160	32F	PESF160032
160	40F	PESF160040
160	50F	PESF160050
180	32F	PESF180032
180	40F	PESF180040
180	50F	PESF180050
200	50F	PESF200050
225	50F	PESF225050
250	50F	PESF250050



EF TAPPING SADDLE PN16 DN 40 - 160		
Dia	Branch Dia	Product Code
40	20	PEST040020
40	25	PEST040025
40	32	PEST040032
50	20	PEST050020
50	25	PEST050025
50	32	PEST050032
63	20	PEST063020
63	25	PEST063025
63	32	PEST063032
63	40	PEST063040
63	50	PEST063050
63	63	PEST063063
75	20	PEST075020
75	25	PEST075025
75	32	PEST075032
75	40	PEST075040
75	50	PEST075050
75	63	PEST075063
90	20	PEST090020
90	25	PEST090025
90	32	PEST090032
90	40	PEST090040
90	50	PEST090050
90	63	PEST090063
110	20	PEST110020
110	25	PEST110025
110	32	PEST110032
110	40	PEST110040
110	50	PEST110050
110	63	PEST110063
125	20	PEST125020
125	25	PEST125025
125	32	PEST125032
125	40	PEST125040
125	50	PEST125050
125	63	PEST125063
140	20	PEST140020
140	32	PEST140032
140	40	PEST140040
140	50	PEST140050
140	63	PEST140063
160	20	PEST160020
160	25	PEST160025
160	32	PEST160032
160	40	PEST160040
160	50	PEST160050
160	63	PEST160063



EF TAPPING SADDLE PN16 DN180 – 250

Dia	Branch Dia	Product Code
180	20	PEST180020
180	25	PEST180025
180	32	PEST180032
180	40	PEST180040
180	50	PEST180050
180	63	PEST180063
200	20	PEST200020
200	25	PEST200025
200	32	PEST200032
200	40	PEST200040
200	50	PEST200050
200	63	PEST200063
225	20	PEST225020
225	25	PEST225025
225	32	PEST225032
225	40	PEST225040
225	50	PEST225050
225	63	PEST225063
250	20	PEST250020
250	32	PEST250032
250	40	PEST250040
250	50	PEST250050
250	63	PEST250063



EF REPAIR SADDLE PN16

Dia	Product Code
63	PESR063
75	PESR075
90	PESR090
110	PESR110
125	PESR125
140	PESR140
160	PESR160
180	PESR180

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