

APPLICATIONS

The PE sewer pipe system is designed specifically for the waste water industry and is best suited to gravity sewer and drainage applications.

The pipe is co-extruded with a white internal layer for manual and video inspection purposes.

The fittings range has been designed to suit local authority requirements for manholes, access points, junctions, bends and house connection arrangements for sewer reticulation systems.



FEATURES

High Impact, abrasion and corrosion resistance

Resistance to wide range of chemicals

External UV resistance to weathering

Internal reflective layer ideal for inspection purposes

Fully sealed system designed to reduce water and root intrusion.

TECHNICAL DATA

Standard: AS/NZS 4130 (Pipe)
AS/NZS 4129 (Fittings)

Size Range: DN 110 – DN 315 (Sewer Reticulation)
DN 400 – DN 1200 (Large Trunk Sewers)

Material: PE100 Polyethylene AS/NZS 4131

Pipe Class: SDR 21 (standard)
SDR 17, SDR11 (stiffer classes made to order)

Lengths: 6m, 12m Lengths

PE SEWER PIPE SDR 21 (White Internal)					
OD	Length	Class	Mean ID	Weight kg/length	Code
110	6m	Sdr 21	99.2	10.8	PSP1106
160	6m	Sdr 21	144.5	22.2	PSP1606
250	6m	Sdr 21	226.1	54	PSP2506
315	6m	Sdr 21	284.9	85.8	PSP3156
110	12m	Sdr 21	99.2	21.6	PSP11012
160	12m	Sdr 21	144.5	44.4	PSP16012
250	12m	Sdr 21	226.1	108	PSP25012
315	12m	Sdr 21	284.9	171.6	PSP31512

FABRICATION & INSTALLATION

Materials: PE Sewer fittings shall be manufactured using PE pipes and moulded fittings that conform to AS/NZS 4129 and AS/NZS 4130.

Range: The fittings range and configurations must comply with the requirements of the local authority and WSAA.

Factory Welds: Butt weld and electrofusion are approved processes; and extrusion hot air welding (when BW and EF in not possible)

Site Welds: Butt weld and electrofusion are approved processes.

Installation: All factory and site welding to be performed by an accredited butt and electrofusion welder. Refer to requirements of the local authority.



EF COUPLINGS LIGHTFIT			
Dia	PN	Sdr Range	Code
110	PN 10	Sdr 11 - 33	PEC110L
160	PN 10	Sdr 11 - 33	PEC160L
250	PN 10	Sdr 11 - 33	PEC250L
315	PN 10	Sdr 11 - 33	PEC315L



SWEEP BENDS SDR21 (SRB)			
Dia	Angle	Radius	Code
110	15d	R750	PSBS11015
110	30d	R750	PSBS11030
110	45d	R750	PSBS11045
110	90d	R750	PSBS11090
160	15d	R750	PSBS16015
160	30d	R750	PSBS16030
160	45d	R750	PSBS16045
160	90d	R750	PSBS16090
250	15d	R750	PSBS25015
250	30d	R750	PSBS25030
250	45d	R750	PSBS25045
250	90d	R750	PSBS25090
315	45d	R750	PSBS31545
315	90d	R750	PSBS31590



SWEEP BENDS SDR 21 (HC)			
Dia	Angle	Radius	Code
110	45d	R380	PSBS11045S



EF SADDLE LIGHTFIT 45DEG			
Dia Range	Branch Dia	Branch Angle	Code
160-200	110	45d	PESB161145L
225-315	110	45d	PESB221145L
225-250	160	45d	PESB251645L
280-315	160	45d	PESB311645L
355-560	160	45d	PESB351645L



STRAIGHT JUNCTIONS EQUAL

Dia	Branch Dia	Branch Angle	Code
110	110	45d	PSJ11045
160	160	45d	PSJ16045
250	250	45d	PSJ25045
315	315	45d	PJS31545



STRAIGHT JUNCTIONS REDUCING

Dia	Branch Dia	Branch Angle	Code
160	110	45d	PSJ16011045
250	110	45d	PSJ25011045
250	160	45d	PSJ25016045
315	110	45d	PSJ31511045
315	160	45d	PSJ31516045
315	250	45d	PSJ31525045



SWEEP JUNCTIONS EQUAL

Dia	Branch Dia	Branch Angle	Code
110	110	88d	PSJS11088
160	160	88d	PSJS16088
250	250	88d	PSJS25088
315	315	88d	PSJS31588



SWEEP JUNCTIONS REDUCING

Dia	Branch Dia	Branch Angle	Code
160	110	88d	PSJS16011088
250	110	88d	PSJS25011088
250	160	88d	PSJS25016088
315	110	88d	PSJS31511088
315	160	88d	PSJS31516088
315	250	88d	PSJS31525088



PE-PVC ADAPTOR WITH PVC THREADED CAP

PE Dia	PVC Dia	Code
110	100	PSST110
160	150	PSST160



PVC ACCESS CAP RRJ WITH PVC THREADED CAP

PE Dia	PVC Dia	Code
110	100	PSC100
160	150	PSC150
250	225	PSC225



END CAPS

Dia	Sdr	Long Spigot
110	Sdr 21	PSBC110
160	Sdr 21	PSBC160
250	Sdr 21	PSBC250
315	Sdr 21	PSBC315



MANHOLE SPIGOTS

Dia	Sdr	Code
110	Sdr 21	PSMHS110
160	Sdr 21	PSMHS160
250	Sdr 21	PSMHS250
315	Sdr 21	PSMHS315



BACKDROP JUNCTION EXTERNAL 45 DEG

Dia	Branch Dia	Code
110	110	PSBDJ11045
160	160	PSBDJ16045
250	250	PSBDJ25045
315	315	PSBDJ31545



BACKDROP JUNCTION EXTERNAL 90 DEG

Dia	Branch Dia	Code
110	110	PSBDJ11090
160	160	PSBDJ16090
250	250	PSBDJ25090
315	315	PSBDJ31590



BACKDROP BEND EXTERNAL

Dia	Angle	Code
110	90d	PSBDB11090
160	90d	PSBDB16090
250	90d	PSBDB25090
315	90d	PSBDB31590



BACKDROP JUNCTION INTERNAL 90 DEG

Dia	Branch Dia	Code
110	110	PSBDIJ11090
160	160	PSBDIJ16090
250	160	PSBDIJ25016090
315	160	PSBDIJ31516090



BACKDROP BEND INTERNAL

Dia	Angle	Code
110	90d	PSBDIB11090
160	90d	PSBDIB16090
250	90d	PSBDIB25090
315	90d	PSBDIB31590

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