



PECAT® Weld Transition

BV Series

APPLICATION

Provides a high strength, mechanical fitting for connecting a polyethylene gas pipe to a Steel pipe for a below ground transition connection.

DESCRIPTION

Comprising a PECAT® mechanical joint, factory assembled with a straight length of PE pipe. The Steel body is available in various lengths, material specifications and wall thicknesses to match the pipe in the ground.

The fittings are available with two different levels of corrosion protection, Zinc plated and Rilsan Nylon coated.

CONSTRUCTION

- Body (1) and Sleeve (3): Steel – API5L, EN, DIN specifications
- Inlet pipe (2): PE to GIS/PL2-2
- Corrosion protection: Zinc plate or Rilsan coated

INSTALLATION

Weld Transition are supplied suitable for site jointing by electro fusion or butt welding.

Body and PE lengths can be shortened on site if required. Zinc plated versions must have an approved site corrosion protection system applied after installation and pressure testing.

Please refer to the PE fitting manufacturer's instructions for details on electro fusion or butt welding procedures.



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SPECIFICATION

Meets GIS/PL3:2014 performance requirements.
 Maximum Operating Pressure (MOP) = 7.0 Bar.

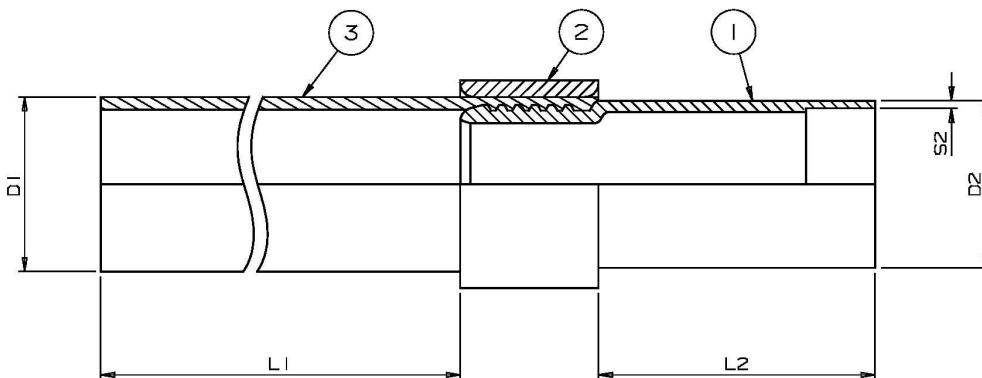
PE X OUTLET SIZES

20mm SDR9 x ¾" to 450mm SDR11 x 16". Other PE SDR's (S1) and Steel wall thicknesses (S2) are available. Refer to factory.

DIMENSIONS

Note: consult the factory for sizes not shown in table on the right.

SIZE = PE DIAMETER x OUTLET SIZE & TYPE					
SIZE	D1	D2	S2 TYP	L1 TYP	L2 MIN
20 SDR9 x ¾"	20	26.7	2.9	250	250
25 SDR11 x ¾"	25	26.7	2.9	250	250
32 SDR11 x 1"	32	33.4	3.4	250	250
40 SDR11 x 1¼"	40	42.2	3.6	250	250
50 SDR11 x 1½"	50	48.3	3.7	500	250
63 SDR11 x 2"	63	60.3	3.9	500	250
75 SDR11 x 2½"	75	73.0	5.2	500	250
90 SDR11 x 3"	90	88.9	5.5	500	250
110 SDR11 x 4"	110	114.3	6.0	500	250
125 SDR11 x 4"	125	114.3	6.0	500	250
160 SDR11 x 6"	160	168.3	7.1	500	250
180 SDR11 x 6"	180	168.3	7.1	500	250
200 SDR11 x 8"	200	219.1	8.2	500	250
225 SDR11 x 8"	225	219.1	8.2	500	250
250 SDR11 x 8"	250	219.1	8.2	500	250
315 SDR11 x 10"	315	273.1	9.3	1000	300
355 SDR11 x 12"	355	323.9	9.5	1000	300
400 SDR11 x 14"	400	355.6	9.5	1000	300
450 SDR11 x 16"	450	406.4	9.5	1000	300



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www.youtube.com/user/CraneBSU



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FM 00311 EMS 553775

- Designed and manufactured under quality management systems in accordance with BS EN ISO 9001.

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