



## PECAT® Below Ground Entry

### AE Series

#### APPLICATION

Provides a high strength building entry fitting for connecting a polyethylene gas service pipe to an internal metering or pressure reduction installation via a steel through wall pipe for below ground connection.

#### DESCRIPTION

Comprising a PECAT® mechanical joint, factory assembled with straight length of PE pipe within a Steel protective through wall sleeve, the through wall sleeve is protected by a tight fit PE cover.

Threaded outlets are available in Male or Female BSPT for connection to the ECV or internal pipe work.

#### CONSTRUCTION

- Body (1) and Sleeve (3): Steel
- Outlet pipe cover (4): PE
- Inlet pipe (2): PE to GIS/PL2-2
- Sleeve Seal (5 & 6): EPDM Rubber
- Corrosion protection: PE & Zinc plate.

#### INSTALLATION

Below Ground Entries are supplied suitable for site jointing by electro fusion only. No adjustment to through wall length is possible, see table below for available length options.

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



Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Crane Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication & reserves the right to change without notice.

**SPECIFICATION**

Meets GIS/PL3:2014 requirements, BSI Kite Mark certified - KM535530.  
Maximum Operating Pressure (MOP) = 2.0 Bar.

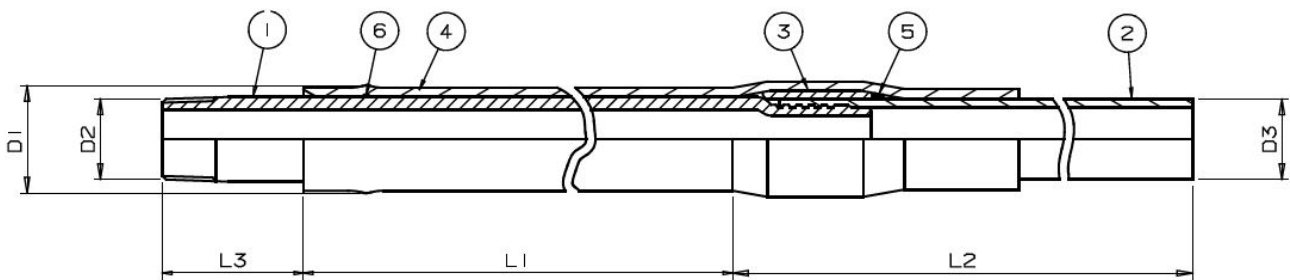
**PE X OUTLET SIZES**

20mm SDR9 x 3/4" to 63mm SDR11 x 2".

**DIMENSIONS**

**Note:** consult the factory for L1 sizes not shown in table on the right.

SIZE = PE DIAMETER x OUTLET SIZE & TYPE						
SIZE	D1 MAX	D2	D3	L1 MIN	L2 MIN	L3 TYP
20 SDR9 x 3/4"	33	3/4" BSPT	20	500	500	45
20 SDR9 x 3/4"	33	3/4" BSPT	20	750	500	45
20 SDR9 x 3/4"	33	3/4" BSPT	20	1000	500	45
25 SDR11 x 3/4"	33	3/4" BSPT	25	500	500	45
25 SDR11 x 3/4"	33	3/4" BSPT	25	750	500	45
25 SDR11 x 3/4"	33	3/4" BSPT	25	1000	500	45
32 SDR11 x 1"	43	1" BSPT	32	750	500	50
32 SDR11 x 1"	43	1" BSPT	32	500	500	50
32 SDR11 x 1"	43	1" BSPT	32	1000	500	50
63 SDR11 x 2"	80	2" BSPT	63	500	500	50
63 SDR11 x 2"	80	2" BSPT	63	750	500	50
63 SDR11 x 2"	80	2" BSPT	63	1000	500	50



To visit our Video Library go to:  
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- Designed and manufactured under quality management systems in accordance with BS EN ISO 9001.

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