



Flexgrip™ Couplers

BM Series

APPLICATION

Provides a high strength transition fitting for a polyethylene gas service pipe to a plain ended Steel pipe for below ground installations. Also available for Steel to Steel pipe connections without threading.

DESCRIPTION

Comprising two independent Flexgrip™ mechanical compression joints, both joints feature rubber sealing gaskets, the PE type joint has a gripping Insert Stiffener and the Steel type joint has a gripping washer to provide full end-load retention.

CONSTRUCTION

- Body (1) & Nut (2 & 3): Malleable or SG Iron
- Thrust Washer (5 & 9): Steel or Engineering Plastic
- Insert Stiffener (7): Steel
- Gasket (4 & 8): NBR Rubber
- End load Washer (5): Spring Steel
- Corrosion protection: Light oil film – must be site protected

INSTALLATION

The Flexgrip joints can be made using conventional hand tools. The fitting is installed on to the plain Steel pipe first, note this joint does not require disassembly. The PE joint should be disassembled to fit and the parts placed on to the PE pipe in correct order, the Insert Stiffener can then be inserted in to the PE and then re-assembled in to the Body. Once tightened and after pressure testing, the fitting must have an approved site corrosion protection system applied after installation.

SPECIFICATION

Meets GIS/PL3:2014 requirements, BSI Kite Mark certified KM595392.

Maximum Operating Pressure (MOP) = 5.5 Bar.



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.

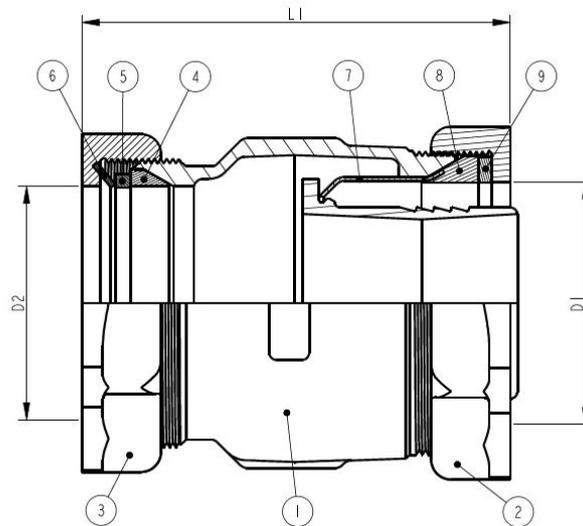
PE X STEEL SIZES

Available in PE sizes from 20mm to 63mm with Steel sizes Nominal Diameter from 3/4" (DN20) to 2" (DN50) to suit pipe made to specification BS EN 10255 (formerly BS 1387).

DIMENSIONS

Dimension shown in mm.

SIZE = NOMINAL DIAMETER				
PE x STEEL	L1	D1	D2 MIN	D2 MAX
20 SDR9 x 3/4"	73	20	26.4	27.2
20 SDR9 x 1"	79	20	33.2	34.2
25 SDR11 x 3/4"	73	25	26.4	27.2
25 SDR11 x 1"	79	25	33.2	34.2
32 SDR11 x 1"	79	32	33.2	34.2
32 SDR11 x 1 1/4"	81	32	41.9	42.9
32 SDR11 x 1 1/2"	81	32	47.8	48.8
32 SDR11 x 40 SDR11	81	32	40	N/A
63 SDR11 x 2"	97	63	59.6	60.8
63 SDR13.6 x 2"	97	63	59.6	60.8
STEEL x STEEL	L1	D1 = D2	D1 & D2 MIN	D1 & D2 MAX
3/4" (DN20)	73	-	26.4	27.2
1" (DN25)	79	-	33.2	34.2
1 1/4" (DN32)	83	-	41.9	42.9
1 1/2" (DN40)	83	-	47.8	48.8
2" (DN50)	97	-	59.6	60.8



To visit our Video Library go to:
www.youtube.com/user/CraneBSU



46-48 WILBURY WAY, HITCHIN,
 HERTFORDSHIRE, SG4 0UD
 TELEPHONE: +44 (0)1462 443225
 TELEPHONE: +44 (0)1462 443226
 FAX: +44 (0)1462 443311
 EMAIL: sales@wask-uk.com
www.wask-uk.com



FM 00311 EMS 553775

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

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 and reserves the right to change without notice.

W_FC_1220_V1