



SURFACE
& STORMWATER
DRAINAGE

Twinwall Pipe System



Twinwall Surface Water Drainage Multi-Fittings

Brett Martin's BBA approved Twinwall Multi-Fittings are fully compatible with other relevant manufacturer's BBA approved Polyethylene (PE) Twinwall Pipe.

The innovative sealing arrangement ensures that the 150mm, 225mm and 300mm Twinwall Multi-Fittings can be used effectively with BBA approved Twinwall Pipe. Brett Martin's BBA certificate 10/H168 covers Brett Martin fittings, seals and joints. See Brett Martin compatibility lists and BBA Certificate 10/H168 for more information. The wide ranging choice available from Brett Martin, consists of 24 Multi-Fittings and Seals designed to fit various compatible BBA-certified 150mm, 225mm and 300mm Polyethylene Twinwall drainage pipes. This provides simplicity in ordering and stocking whilst the installation process is also aided by Brett Martin's continued reputation for excellent product quality and design.

Applications

Suitable for a variety of surface water and land drainage applications:

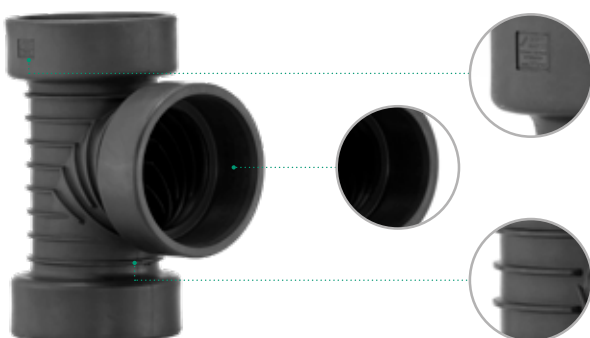
- Highway Drainage
- Agricultural Drainage
- Rail and Airport Drainage
- Landfill Drainage
- Carrier Drains
- Culverts



DESIGN BENEFITS

Sockets

- Triple socket junctions and double socket bends allow the fittings to be easily connected and assembled.
- Rotationally moulded fittings with controlled tolerances means that the fittings are manufactured to exacting standards. This allows for accurate and consistent internal socket diameters for convenience in installation.
- Double moulded sockets on the fittings are excellent for compression resistance and also provide the user with consistent socket sizes.
- Smooth bores throughout each fitting provide added convenience at the installation stage.
- Smooth walled tapered sockets are designed to aid jointing at the installation stage.



Fittings

- Lightweight and robust allows for easier handling making installation quicker and easier than non plastic fittings - weighing 94% lighter than concrete also reduces health and safety risks.
- All manufactured from Polyethylene (PE) which is resistant to naturally occurring chemicals and is therefore suitable for use in the majority of soil conditions.
- Twinwall fittings are available from stock ensuring a prompt delivery service throughout the UK and Ireland.
- Stamped with product code for clear identification.
- Fittings and Seals have been awarded BBA Approval (Certificate Number 10/H168): this enables Brett Martin Twinwall fittings to be combined with any relevant manufacturer's polyethylene Twinwall pipes. The certificate will cover Brett Martin fittings, seals and joints. See Brett Martin compatibility lists and BBA Certificate 10/H168 for more information.
- Manufactured under a quality management system accredited to BS EN ISO 9001:2015
- Seals available in 150mm, 225mm & 300mm diameters and supplied with each fitting.
- Rubber Seals manufactured from EPDM and to BS EN 681-1.

Body

- Tough, ribbed body ensures an extremely rigid and durable product which has excellent resistance to deformation.
- The ribbed exterior stiffens and strengthens the body in order for it to take higher compressive loads and keep its long term shape.
- The system will have a service life in excess of 50 years.
- Smooth inner surface assists the hydraulic flow through the fitting.

Twinwall Multi-Fittings

Compatible
with
BBA Pipes

Nominal Size 150mm

150mm 15° Double Socket Bend	1TB15	36
150mm 30° Double Socket Bend	1TB30	36
150mm 45° Double Socket Bend	1TB45	36
150mm 90° Double Socket Bend	1TB90	36
150mm x 150mm x 150mm 90° Triple Socket Branch	1TT90	36
150mm x 150mm x 150mm 45° Triple Socket Branch	1TY45	36



Nominal Size 225mm

225mm 15° Double Socket Bend	2TB15	36
225mm 30° Double Socket Bend	2TB30	36
225mm 45° Double Socket Bend	2TB45	36
225mm 90° Double Socket Bend	2TB90	36
225mm x 150mm x 45° Triple Socket Branch	2TY145	36
225mm x 225mm x 45° Triple Socket Branch	2TY45	36
225mm x 150mm x 90° Triple Socket Branch	2TT190	36
225mm x 225mm x 90° Triple Socket Branch	2TT90	36



Nominal Size 300mm

300mm 15° Double Socket Bend	3TB15	36
300mm 30° Double Socket Bend	3TB30	36
300mm 45° Double Socket Bend	3TB45	36
300mm 90° Double Socket Bend	3TB90	36
300mm x 150mm x 45° Triple Socket Branch	3TY145	36
300mm x 225mm x 45° Triple Socket Branch	3TY245	36
300mm x 300mm x 45° Triple Socket Branch	3TY45	36
300mm x 150mm x 90° Triple Socket Branch	3TT190	36
300mm x 225mm x 90° Triple Socket Branch	3TT290	36
300mm x 300mm x 90° Triple Socket Branch	3TT90	36



Rubber seals are supplied with Twinwall Multi-Fittings. No need to order separately.



DESCRIPTION

CODE

PG

Couplers & Sealing Rings, Reducers

Couplers & Sealing Rings

150mm Coupling	1TC	36
150mm Sealing Ring	1TSR	36
200mm Coupling	2TC	36
200mm Sealing Ring	2TSR	36
300mm Coupling	3TC	36
300mm Sealing Ring	3TSR	36
375mm Coupling	37TC	36
375mm Sealing Ring	37TSR	36
450mm Coupling	45TC	36
450mm Sealing Ring	45TSR	36
600mm Coupling	60TC	36
600mm Sealing Ring	60TSR	36



1TC



2TSR



3TC



3TSR

Reducers (Fabricated)

225mm x 150mm Reducer	2TR1	36
300mm x 150mm Reducer	3TR1	36
300mm x 225mm Reducer	3TR2	36
150mm x 110mm Reducer	1TR4	36
225mm x 110mm Reducer	2TR4	36
225mm x 160mm Reducer	2TR6	36
300mm x 160mm Reducer	3TR6	36

DESCRIPTION

CODE

PG

PACK QTY



Twinwall Pipe

Twinwall Pipe

150mm x 6m Pipe	1TP6	35	33
150mm x 6m Perforated Pipe	1TPP6	35	33
150mm x 6m Half Perforated Pipe	1THPP6	35	33
225mm x 6m Pipe	2TP6	35	14
225mm x 6m Perforated Pipe	2TPP6	35	14
225mm x 6m Half Perforated Pipe	2THPP6	35	14
300mm x 6m Pipe	3TP6	35	8
300mm x 6m Perforated Pipe	3TPP6	35	8
300mm x 6m Half Perforated Pipe	3THPP6	35	8
375mm x 6m Pipe	37TP6	35	5
375mm x 6m Perforated Pipe	37TPP6	35	5
450mm x 6m Pipe	45TP6	35	4
450mm x 6m Perforated Pipe	45TPP6	35	4
600mm x 6m Pipe	60TP6	35	1
600mm x 6m Perforated Pipe	60TPP6	35	1



Gullies & Stormwater Management

Gullies			
300mm Dia. x 600mm Invert Trapped Yard Gully x 110mm	B6300	2	
750mm Invert x 450mm Dia Road Gully	B7450	2	
900mm Invert x 450mm Dia Road Gully	B9450	2	
StormCrate55 Attenuation & Infiltration			
StormCrate55 Crate (4 crates per m ³)	B8250	45	
StormCrate55 Connector (4 inc with each crate)	B8251	45	
Shear Pin Connector (2 inc with each crate)	B8252	45	
Geotextiles / Membranes	-	-	

Compatibility List



List of BBA certified polyethylene Twinwall pipes that are compatible for use with Brett Martin Twinwall Multi-Fittings.

Important note: All Brett Martin fittings can be used with either BBA Certified Brett Martin seals or the pipe manufacturer's associated seals in line with the below compatibility table. However for a particular manufacturer's pipe, the associated manufacturer's couplers and seals must always be used.

Manufacturers Pipe Compatibility with Associated Seals

BBA Certificate Number ¹ Product/Detail Sheet Number ²	Manufacturer	Sheet Issue Number and Date	Nominal size of pipe (mm)
02/H068 ⁽¹⁾ , PS6 ⁽²⁾	Polypipe	Sixth issue: 30 April 2021	150, 225, 300
02/H069 ⁽¹⁾ , PS1 ⁽²⁾	JFC	Third issue: 17 February 2021	150, 225, 300
09/H145 ⁽¹⁾ , PS1 ⁽²⁾	Naylor Drainage	Seventh issue: 18 January 2021	225, 300
07/H130 ⁽¹⁾ , PS1 ⁽²⁾	Cherry	Fourth issue: 18 January 2021	150, 225, 300

Manufacturers Pipe Compatibility with Brett Martin Seals

BBA Certificate Number ¹ Product/Detail Sheet Number ²	Manufacturer	Sheet Issue Number and Date	Nominal size of pipe (mm)
02/H068 ⁽¹⁾ , PS6 ⁽²⁾	Polypipe	Sixth issue: 30 April 2021	150, 225, 300
02/H069 ⁽¹⁾ , PS1 ⁽²⁾	JFC	Third issue: 17 February 2021	150, 225, 300
09/H145 ⁽¹⁾ , PS1 ⁽²⁾	Naylor Drainage	Seventh issue: 18 January 2021	150, 225 ³ , 300
07/H130 ⁽¹⁾ , PS1 ⁽²⁾	Cherry	Fourth issue: 18 January 2021	150, 225, 300

General Notes

- Please ensure you are using the current Certificate and Product/Detail Sheet by visiting the BBA website: www.bbacerts.co.uk on which these documents are available.
- The Certificate number and Product Sheet number are found on the top right of the front page of the Certificate and the issue number and date of issue are on the bottom left of the front page of the Certificate.
- 33 dwells per metre length

If considering using Brett Martin Plumbing and Drainage Multi-Fittings in conjunction with any other system please contact the Brett Martin Technical Department:

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