

Black Acetal Straight Adaptor (BSPT Thread) Metric

Converts an imperial push-fit connection to an imperial threaded connection

Overview

John Guest black push-fit acetal straight adaptor (BSPT thread) fitting connects metric sized pipe/tube to a BSPT type threaded connection. Fast and simple to install, John Guest push-fit fittings create an instant push-fit connection and leak tight seal without the need for tools, hot works or sealing agents.

The unique collet locking design firmly and securely holds the pipe in place without deforming the pipe or restricting flow. Fittings are corrosion resistant and fully demountable, improving system performance and reducing system downtime during maintenance.

Made from acetal copolymer with a food-grade nitrile O-Ring, the fitting is suitable for foodstuff, potable liquids and inert gases. In accordance with the British Beer & Pub Association Code of Practice, fittings can also be used with N₂/CO₂ and mixed gas dispense lines, as well as air, pneumatic and vacuum applications. All John Guest fittings are manufactured and assembled in the UK.



Features & Benefits

- Plastic push-fit adaptor for connecting to BSP threads
- Strong acetal copolymer fitting with nitrile O-Ring
- Airtight connection with superior flow characteristics
- Instant push-fit connection and demountable without tools
- Secure collet cover prevents accidental disconnection
- Suitable for air and pneumatics piping systems up to 10 bar
- Ideal for air, inert gases and vacuum applications
- Food grade fitting suitable for potable liquids
- Compatible with soft metal or plastic pipe/tubing

Product code	Description	Size	Bag QTY
PM010401E	Straight Adaptor (BSPT Thread)	4mm x 1/8"	10
PM010402E	Straight Adaptor (BSPT Thread)	4mm x 1/4"	10
PM010501E	Straight Adaptor (BSPT Thread)	5mm x 1/8"	10
PM010502E	Straight Adaptor (BSPT Thread)	5mm x 1/4"	10
PM010601E	Straight Adaptor (BSPT Thread)	6mm x 1/8"	10
PM010602E	Straight Adaptor (BSPT Thread)	6mm x 1/4"	10
PM010801E	Straight Adaptor (BSPT Thread)	8mm x 1/8"	10
PM010802E	Straight Adaptor (BSPT Thread)	8mm x 1/4"	10
PM010803E	Straight Adaptor (BSPT Thread)	8mm x 3/8"	10
PM010804E	Straight Adaptor (BSPT Thread)	8mm x 1/2"	10
PM011002E	Straight Adaptor (BSPT Thread)	10mm x 1/4"	10
PM011003E	Straight Adaptor (BSPT Thread)	10mm" x 3/8"	10
PM011004E	Straight Adaptor (BSPT Thread)	10mm x 1/2"	10



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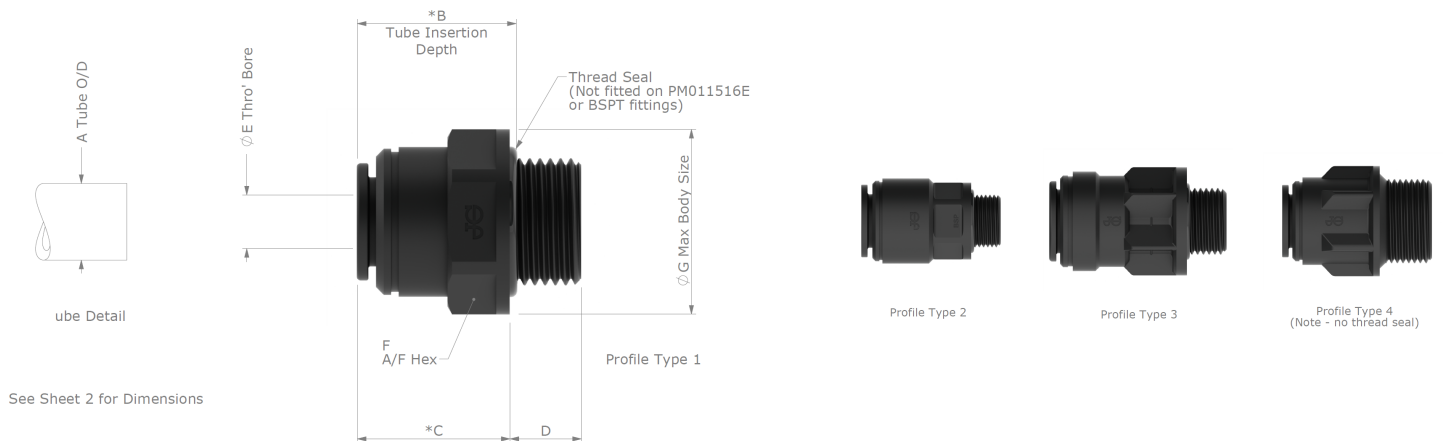
Working parameters & specifications

	Maximum & Minimum Temperature	Maximum working pressure, bar
Potable Liquid	1°C -65°C	10 Bar (7 Bar @ 65°C)

Materials	
Body	Acetal Copolymer (Unfilled)
O-Ring	EPDM, Black
Collet	Acetal Copolymer (Unfilled)
Collet Teeth	Stainless Steel 301

Application
Potable Liquid
Water Purification
Water Treatment
Intermittent Hot Water (up to 65C)
Suitable for Inert Gases & Vacuum Applications

Dimensions – All measurements in mm unless otherwise stated



See Sheet 2 for Dimensions

*With Collet in release position

Dimensions in mm

Product No.	Size	A Tube O/D	B	C	D	E	F	G	Profile Type
PM010411E	4mm x 1/8 BSP	4.00+0.05 / -0.07	14.3	16.6	5.5	2.5	14.0	15.4	1
PM010412E	4mm x 1/4 BSP			16.1	8.0	2.5	17.0	18.3	1
PM010511E	5mm x 1/8 BSP	5.00+0.05 / -0.10	14.3	16.6	5.5	3.4	14.0	15.4	1
PM010512E	5mm x 1/4 BSP			16.1	8.0	3.4	17.0	18.3	1
PM010611E	6mm x 1/8 BSP	6.00+0.05 / -0.10	15.7	19.8	5.5	4.1	15.0	15.8	1
PM010612E	6mm x 1/4 BSP			15.8	8.0	4.8	17.0	18.3	1
PM010811E	8mm x 1/8 BSP	8.00+0.05 / -0.10	16.7	20.0	5.5	4.1	17.0	17.8	1
PM010812E	8mm x 1/4 BSP			16.0	8.0	6.3	17.0	18.3	1
PM010813E	8mm x 3/8 BSP			15.8	9.3	6.3	22.0	24.1	1
PM011012E	10mm x 1/4 BSP	10.00+0.05 / -0.10	19.7	23.2	8.0	7.1	20.0	21.8	1
PM011013E	10mm x 3/8 BSP			18.9	9.3	7.0	22.0	24.1	1
PM011014E	10mm x 1/2 BSP			16.5	12.5	7.6	27.0	29.8	1
PM011213E	12mm x 3/8 BSP	12.00+0.05 / -0.10	24.7	21.3	9.3	8.5	24.0	26.4	1
PM011214E	12mm x 1/2 BSP			21.5	12.5	8.5	27.0	29.8	1
PM011513E	15mm x 3/8 BSP	15.00+0.05 / -0.10	28.7	30.5	9.3	9.4	22.0	26.8	2
PM011514E	15mm x 1/2 BSP			25.5	12.5	12.0	27.0	29.7	1
PM011516E	15mm x 3/4 BSP			29.6	16.5	12.0	N/A	34.7	4
PM011814E	18mm x 1/2 BSP	18.00+0.05 / -0.10	31.0	42.3	12.5	12.7	N/A	34.0	3
PM012216E	22mm x 3/4 BSP	22.00+0.05 / -0.10	34.3	44.2	17.0	17.0	N/A	40.0	3