

# Black Acetal Straight Adaptor (BSP Thread) Metric

**Converts metric to a BSP type thread connection.**

## Overview

John Guest black push-fit acetal straight adaptor (BSP thread) fitting connects metric sized pipe/tube to a BSP 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 N<sub>2</sub>/CO<sub>2</sub> and mixed gas dispense lines, as well as air, pneumatic and vacuum applications. All John Guest fittings are manufactured and assembled in the UK. NOTE: The 15mm x 3/4" version does not include a thread washer.

## Features & Benefits

- Rigid and hardwearing acetal copolymer material with a food-grade nitrile O-Ring
- Suitable for foodstuff, potable liquid, inert gases, air, pneumatic and vacuum applications
- Instant push-fit connection and leak tight seal
- Connect, disconnect and reconnect in seconds without tools
- No scale build up improves performance and equipment lifespan
- Superior flow characteristics
- Compatible with LLDPE or soft metal pipe/tube



		Size	Bag QTY
PM010411E	Straight Adaptor (BSP Thread) Plastic	4mm x 1/8"	10
PM010412E	Straight Adaptor (BSP Thread) Plastic	4mm x 1/4"	10
PM010511E	Straight Adaptor (BSP Thread) Plastic	5mm x 1/8"	10
PM010512E	Straight Adaptor (BSP Thread) Plastic	5mm x 1/4"	10
PM010611E	Straight Adaptor (BSP Thread) Plastic	6mm x 1/8"	10
PM010612E	Straight Adaptor (BSP Thread) Plastic	6mm x 1/4"	10
PM010811E	Straight Adaptor (BSP Thread) Plastic	8mm x 1/8"	10
PM010812E	Straight Adaptor (BSP Thread) Plastic	8mm x 1/4"	10
PM010813E	Straight Adaptor (BSP Thread) Plastic	8mm x 3/8"	10
PM011012E	Straight Adaptor (BSP Thread) Plastic	10mm x 1/4"	10
PM011013E	Straight Adaptor (BSP Thread) Plastic	10mm x 3/8"	10
PM011014E	Straight Adaptor (BSP Thread) Plastic	10mm x 1/2"	10
PM011213E	Straight Adaptor (BSP Thread) Plastic	12mm x 3/8"	10
PM011214E	Straight Adaptor (BSP Thread) Plastic	12mm x 1/2"	10



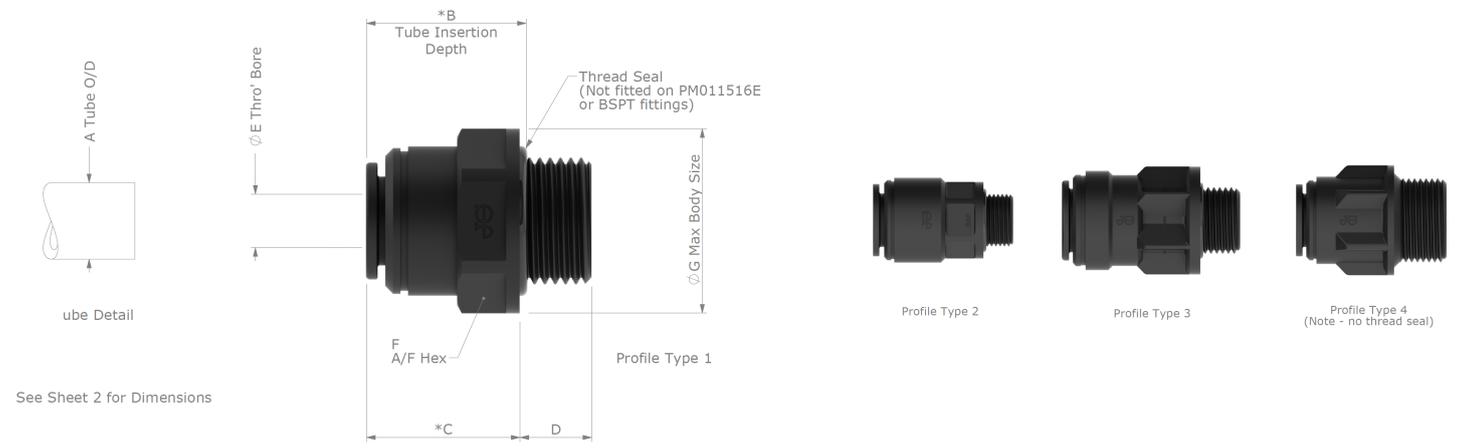
# Straight Adaptor (BSP Thread) Metric

## 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)
<b>Suitable for Inert Gases &amp; Vacuum Applications</b>



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