

# Black Acetal Equal Elbow

**Connects 2 pipes of equal pipe/  
tube size to form a 90°**

## Overview

John Guest black push-fit acetal equal elbow push-fit fitting connects two equally sized pipes to form a 90° pipe bend. 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.

## Features & Benefits

- 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
PMO304E	Equal Elbow	4mm	10
PMO305E	Equal Elbow	5mm	10
PMO306E	Equal Elbow	6mm	10
PMO308E	Equal Elbow	8mm	10
PMO310E	Equal Elbow	10mm	10
PMO312E	Equal Elbow	12mm	10



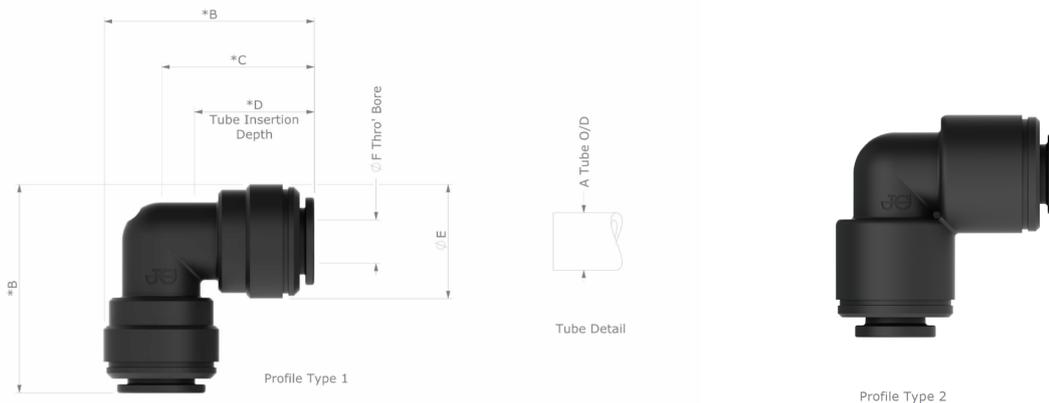
# Black Acetal Equal Elbow

	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 65°C)
<b>Suitable for Inert Gases &amp; Vacuum Applications</b>

**Dimensions** – All measurements in mm unless otherwise stated



\*With Collet(s) in release position

See Sheet 2 for Dimensions

Dimensions in mm

Product No.	Size	A Tube O/D	B	C	D	E	F	Profile Type
PM0304E	4mm	4.00+0.05 / -0.07	24.1	17.6	14.3	13.0	2.5	2
PM0305E	5mm	5.00+0.05 / -0.07	24.1	17.6	14.3	13.0	3.4	2
PM0306E	6mm	6.00+0.05 / -0.10	27.1	19.6	15.7	15.0	4.8	1
PM0308E	8mm	8.00+0.05 / -0.10	29.9	21.0	16.7	17.8	6.3	2
PM0310E	10mm	10.00+0.05 / -0.10	35.3	25.4	19.7	19.9	7.6	1
PM0312E	12mm	12.00+0.05 / -0.10	44.0	32.5	25.9	23.0	8.6	1
PM0315E	15mm	15.00+0.05 / -0.10	50.3	36.8	28.2	27.0	12.0	1
PM0318E	18mm	18.00+0.05 / -0.10	59.7	44.2	31.0	31.1	16.0	1
PM0322E	22mm	22.00+0.05 / -0.10	66.6	48.9	34.3	35.5	19.2	1