

# Grey Acetal Reducing Elbow

Quickly and easily connects two unequal pipe sizes to form a 90° bend

## Overview

John Guest grey push-fit acetal reducing elbow fitting connects two unequal 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.

Manufactured in grey push-fit acetal copolymer, 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

- Rigid and hardwearing acetal copolymer material
- Food grade material suitable for foodstuff, potable liquids, inert gases, air, pneumatic and vacuum
- 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/tubing



| Product code | Description    | Size         |
|--------------|----------------|--------------|
| PM210804S    | Reducing Elbow | 5/16 - 5/32" |
| PI211006S    | Reducing Elbow | 5/16 - 3/16" |
| PI211008S    | Reducing Elbow | 5/16 - 1/4"  |
| PI211206S    | Reducing Elbow | 3/8 - 3/16"  |
| PI211208S    | Reducing Elbow | 3/8 - 1/4"   |
| PI211210S    | Reducing Elbow | 3/8 - 5/16"  |
| PI211610S    | Reducing Elbow | 1/2 - 5/16"  |
| PI211612S    | Reducing Elbow | 1/2 - 3/8"   |



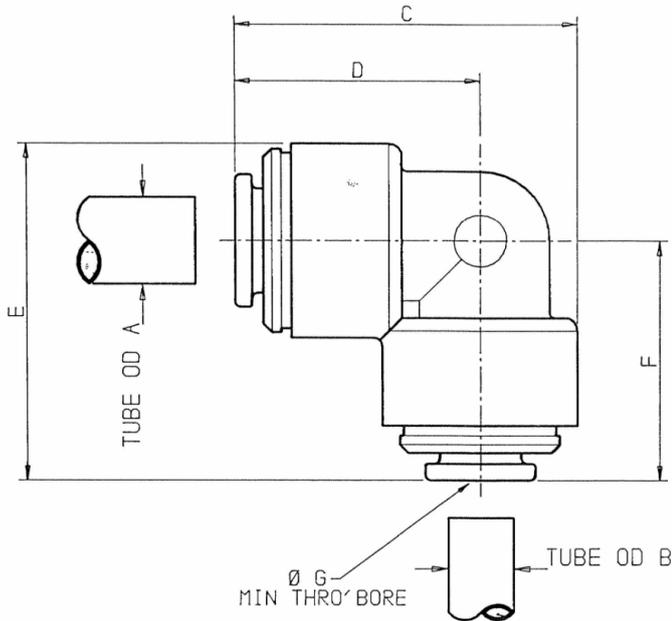
## Grey Acetal Reducing Elbow

|                | Maximum & Minimum Temperature | Maximum working pressure, bar |
|----------------|-------------------------------|-------------------------------|
| Potable Liquid | 1°C -65°C                     | 16 Bar (7 Bar @ 65°C)         |

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

| Application        |
|--------------------|
| Potable Liquid     |
| Food Grade Liquids |
| Inert Gases        |
| Vacuum             |

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



| PRODUCT No. | TUBE OD A | TUBE OD B | C    | D    | E    | F    | Ø G  |
|-------------|-----------|-----------|------|------|------|------|------|
| PM210804S   | 5/16      | 5/32      | 1.18 | 0.83 | 1.18 | 0.83 | 0.10 |
| PI211006S   | 5/16      | 3/16      | 1.18 | 0.83 | 1.18 | 0.83 | 0.12 |
| PI211008S   | 5/16      | 1/4       | 1.18 | 0.83 | 1.18 | 0.83 | 0.20 |
| PI211206S   | 3/8       | 3/16      | 1.38 | 1.00 | 1.38 | 1.00 | 0.12 |
| PI211208S   | 3/8       | 1/4       | 1.38 | 1.00 | 1.38 | 1.00 | 0.20 |
| PI211210S   | 3/8       | 5/16      | 1.38 | 1.00 | 1.38 | 1.00 | 0.25 |
| PI211610S   | 1/2       | 5/16      | 1.54 | 1.18 | 1.4  | 0.95 | 0.25 |
| PI211612S   | 1/2       | 3/8       | 1.60 | 1.2  | 1.46 | 1.00 | 0.29 |