

Grey Acetal Equal Straight Connector

Quickly and easily connects two equal imperial pipe sizes

Overview

John Guest grey push-fit acetal equal straight connector fitting connects two imperial pipes of an equal connection size. 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 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 equally sized tube
- 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/tube

Product code	Description	Size
PM0404S	Straight Connector	5/32"
PI0406S	Straight Connector	3/16"
PI0408S	Straight Connector	1/4"
PM0408S	Straight Connector	5/16"
PI0412S	Straight Connector	3/8"
PI0416S	Straight Connector	1/2"



Grey Acetal Straight Adaptor (NPTF Thread)

Application	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 Liquid
Inert Gases
Vacuum

Dimensions – All measurements in mm unless otherwise stated



Tube Detail

Profile Type 1

Profile Type 2

Product Number	Size	A Tube O/D	B	C	D	E	Profile Type
PM0404S	5/32"	0.156 +0.001 / -0.003 [3.97 +0.03 / -0.07]	1.28 [32.6]	0.56 [14.3]	0.51 [13.0]	0.10 [2.5]	2
PI0406S	3/16"	0.188 +0.001 / -0.003 [4.78 +0.03 / -0.07]	1.28 [32.6]	0.56 [14.3]	0.51 [13.0]	0.12 [3.0]	2
PI0408S	1/4"	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	1.38 [35.0]	0.62 [15.7]	0.59 [15.0]	0.21 [5.3]	1
PI0408S-R							
PM0408S	5/16"	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	1.50 [38.0]	0.66 [16.7]	0.70 [17.8]	0.25 [6.3]	2
PI0412S	3/8"	0.375 +0.001 / -0.004 [9.53 +0.03 / -0.10]	1.65 [41.9]	0.78 [19.7]	0.78 [19.9]	0.30 [7.6]	1
PI0416S	1/2"	0.500 +0.001 / -0.004 [12.7 +0.03 / -0.10]	2.01 [51.0]	0.91 [23.0]	0.91 [23.0]	0.38 [9.6]	1

Dimensions in Inches & [mm]