

Polypropylene Straight Adaptor (NPTF Thread)

Quickly and easily converts an imperial push-fit connection to an imperial threaded connection

Overview

John Guest push-fit polypropylene straight adaptor (NPTF thread) fitting converts metric pipe/tube to an imperial NPTF type thread for connection of a fitting, fixture or appliance. 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 polypropylene with EPDM O-Rings, the fitting offers greater chemical resistance than push-fit acetal and is suitable for potable water (10 bar at 20°C) and intermittent hot water applications (4 bar at 60°C), as well as water treatment and purification applications. All John Guest fittings are manufactured and assembled in the UK.



Features & Benefits

- Polypropylene material and EPDM O-Ring offers high chemical resistance
- Suitable for potable water, intermittent hot water (up to 65°C max) water treatment and purification applications (Not suitable for compressed air or 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

Product Code	Description	Size
PP010821W	Straight Adaptor (NPTF Thread)	1/4" - 1/8"
PP010822W	Straight Adaptor (NPTF Thread)	1/4" - 1/4"
PP010823W	Straight Adaptor (NPTF Thread)	1/4" - 3/8"
PP010824W	Straight Adaptor (NPTF Thread)	1/4" - 1/2"
PP011222W	Straight Adaptor (NPTF Thread)	3/8" - 1/4"
PP011223W	Straight Adaptor (NPTF Thread)	3/8" - 3/8"
PP011224W	Straight Adaptor (NPTF Thread)	3/8" - 1/2"
PP011623W	Straight Adaptor (NPTF Thread)	1/2" - 3/8"
PP011624W	Straight Adaptor (NPTF Thread)	1/2" - 1/2"



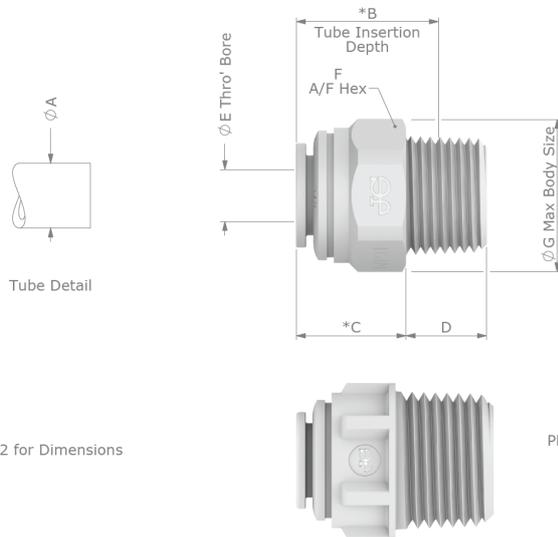
Polypropylene Straight Adaptor (NPTF Thread)

Application	Maximum working temperature °C	Maximum working pressure, bar
Potable Water	20	10
Intermittent Hot Water	60	4

Materials	
Body	Polypropylene
O-Ring	EPDM
Collet	Polypropylene
Collet Teeth	Stainless Steel 301

Application
Potable Liquid
Water Treatment & Purification
Not Suitable for Compressed Air & Vacuum

Dimensions – All measurements in mm unless otherwise stated



See Sheet 2 for Dimensions

*With Collet in release position

Dimensions in Inches & [mm]

Product No.	Colour	Size	A Tube O/D	B	C	D	E	F	G
PP010821W	White	1/4" x 1/8 NPTF	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.67 [17.1]	0.30 [7.6]	0.21 [5.3]	11/16"	0.76 [19.2]
PP010821E	Black								
PP010822W	White	1/4" x 1/4 NPTF	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.50 [12.8]	0.46 [11.6]	0.21 [5.3]	11/16"	0.74 [18.9]
PP010822E	Black								
PP010823W	White	1/4" x 3/8 NPTF	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.50 [12.8]	0.46 [11.8]	0.21 [5.3]	11/16"	0.76 [19.2]
PP010823E	Black								
PP010824W	White	1/4" x 1/2 NPTF	0.250 +0.001 / -0.004 [6.35 +0.03 / -0.10]	0.62 [15.7]	0.50 [12.7]	0.75 [19.1]	0.21 [5.3]	11/16"	0.93 [23.5]
PP011222W	White	3/8" x 1/4 NPTF	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.78 [19.8]	0.86 [21.9]	0.46 [11.6]	0.30 [7.6]	13/16"	0.89 [22.7]
PP011222E	Black								
PP011223W	White	3/8" x 3/8 NPTF	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.78 [19.8]	0.59 [15.0]	0.46 [11.8]	0.30 [7.6]	13/16"	0.88 [22.4]
PP011223E	Black								
PP011224W	White	3/8" x 1/2 NPTF	0.313 +0.001 / -0.004 [7.94 +0.03 / -0.10]	0.78 [19.8]	0.57 [14.5]	0.61 [15.4]	0.30 [7.6]	7/8 *	0.96 [24.3]
PP011224E	Black								
PP011623W	White	1/2" x 3/8 NPTF	0.500 +0.001 / -0.004 [12.70 +0.03 / -0.10]	0.93 [23.7]	1.04 [26.5]	0.46 [11.8]	0.38 [9.7]	1"	1.10 [27.9]
PP011624W	White	1/2" x 1/2 NPTF	0.500 +0.001 / -0.004 [12.70 +0.03 / -0.10]	0.93 [23.7]	0.70 [17.7]	0.61 [15.4]	0.38 [9.7]	1" **	1.10 [27.9]