

Inch Polypropylene Black

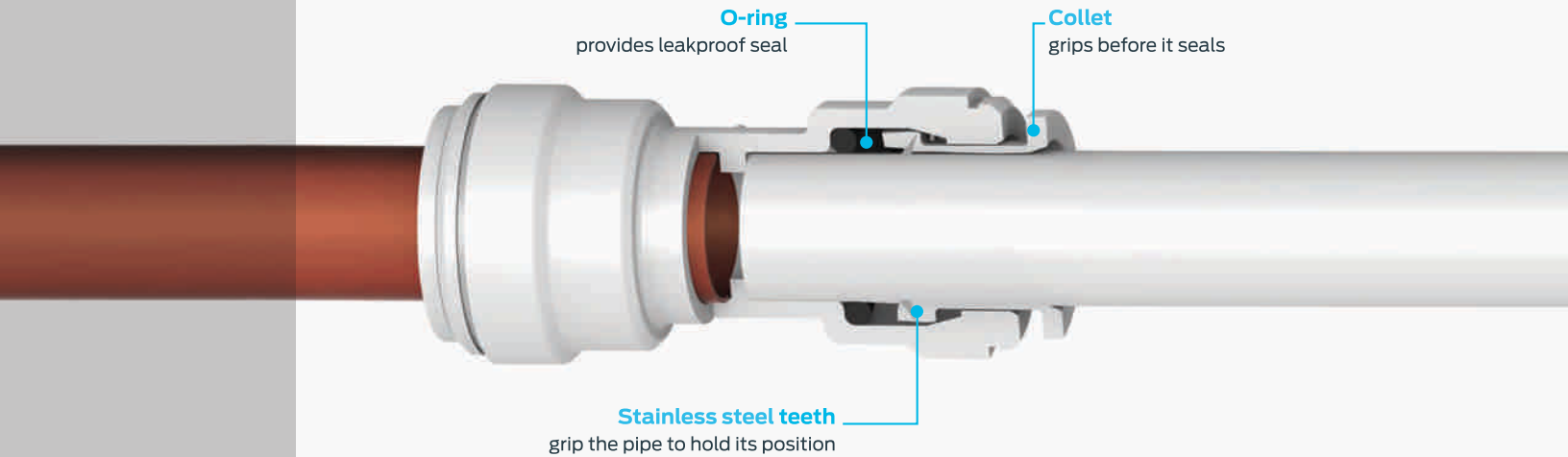
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**Fluid System
Products**

Fittings, Valves & Tubing Catalog



How to make a Push-Fit connection



To connect

Keep product clean until ready to use. Always pressure test once installed.



Step 1

Cut the tube square and remove any burrs or score marks. We recommend using a tube insert for soft or thin-walled plastic tubing.



Step 2

Push the tube into the fitting and up to the tube stop.



Step 3

Pull on the tube to check that it is secure. Test the system before use.

To disconnect



Step 1

Make sure that the system is depressurized, then push the collet square against the fitting. With the collet held in this position, the tube can be removed.

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Fluid System Fittings



Inch Polypropylene Black

The PP Range of inch-size push-fit fittings is offered for tube sizes 1/4" OD to 1/2" OD. These fittings are manufactured in black polypropylene with food grade EPDM O-rings. They have been developed to satisfy the needs of the Water Purification and Beverage Dispensing Markets. Black polypropylene fittings are UV stabilized and are ideal for use in Agricultural Spraying, Car Wash Chemical Dispense, Farm Machinery and Dairy Equipment applications.

NOT suitable for compressed air applications. For these situations, we recommend the PI Range

Working pressures and temperatures

Water Max. 150 psi (10 bar) at 70°F (20°C)
 Max. 60 psi (4 bar) at 140°F (60°C)
 Min 33°F/1°C

For general technical specifications, refer to page 80.

Male Connector NPTF Thread



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PP010821E	1/4"	1/8"	10	500
PP010822E	1/4"	1/4"	10	400
PP010823E	1/4"	3/8"	10	400
PP011222E	3/8"	1/4"	10	250
PP011223E	3/8"	3/8"	10	250
PP011224E	3/8"	1/2"	10	250

Union Tee



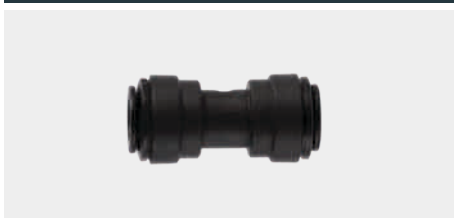
Part Number	Tube OD	Bag Qty	Box Qty
PP0208E	1/4"	10	300
PPM0208E	5/16"	10	200
PP0212E	3/8"	10	100

Union Elbow



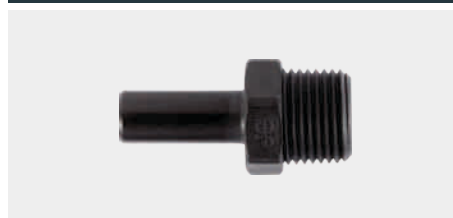
Part Number	Tube OD	Bag Qty	Box Qty
PP0308E	1/4"	10	400
PP0312E	3/8"	10	200
PP0316E	1/2"	10	100

Union Connector



Part Number	Tube OD	Bag Qty	Box Qty
PP0408E	1/4"	10	400
PPM0408E	5/16"	10	300
PP0412E	3/8"	10	200

Stem Adapter NPTF Thread



Part Number	Stem OD	Thread NPTF	Bag Qty	Box Qty
PP050821E	1/4"	1/8"	10	500
PP050822E	1/4"	1/4"	10	500
PP051223E	3/8"	3/8"	10	200

Reducer



Part Number	Stem OD	Tube OD	Bag Qty	Box Qty
PP062012E	5/8"	3/8"	10	200

Plug



Part Number	Tube OD	Bag Qty	Box Qty
PP0812E	3/8"	10	400

Bulkhead Union



Part Number	Tube OD	Mounting Hole Dia.	Bag Qty	Box Qty
PP1208E	1/4"	0.67"	10	200
PP1212E	3/8"	0.83"	10	100

Bulkhead Unions are not intended for submerged use.

Reducing Union Connector



Part Number	Tube OD	Tube OD	Bag Qty	Box Qty
PP201208E	3/8"	1/4"	10	250
PP201612E	1/2"	3/8"	10	150

Reducing Elbow



Part Number	Tube OD	Tube OD	Bag Qty	Box Qty
PP211208E	3/8"	1/4"	10	200

Plug In Elbow



Part Number	Stem OD	Tube OD	Bag Qty	Box Qty
PP220808E	1/4"	1/4"	10	500
PP221208E	3/8"	1/4"	10	300
PP221212E	3/8"	3/8"	10	200
PP221616E	1/2"	1/2"	10	150

Two Way Divider



Part Number	Tube OD	Bag Qty	Box Qty
PP2308E	1/4"	10	200

Female Adapter
NPTF Thread



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PP450821E	1/4"	1/8"	10	400
PP450822E	1/4"	1/4"	10	200

Fixed Elbow
NPTF Thread



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PP480821E	1/4"	1/8"	10	500
PP480822E	1/4"	1/4"	10	400
PP480823E	1/4"	3/8"	10	300
PP481222E	3/8"	1/4"	10	200
PP481223E	3/8"	3/8"	10	200

Straight Shut-Off Valve
Speedfit to Speedfit



Part Number	Tube OD	Bag Qty	Box Qty
PPSV040808E	1/4"	200	200
PPSV041212E	3/8"	80	80

Shut-Off Valve (Female)
 Speedfit to Female (NPTF Thread)



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PPSV451223E	3/8"	3/8"	-	2000

Black LLDPE Tubing



Part Number	Tube OD	Coil Length	Bag Qty	Box Qty
PE-08-BI-025F-E	1/4"	25'	1	20
PE-08-BI-DF-E	1/4"	500'	-	2
PE-08-BI-1000F-E	1/4"	1000'	-	1



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