

Inch Polypropylene White

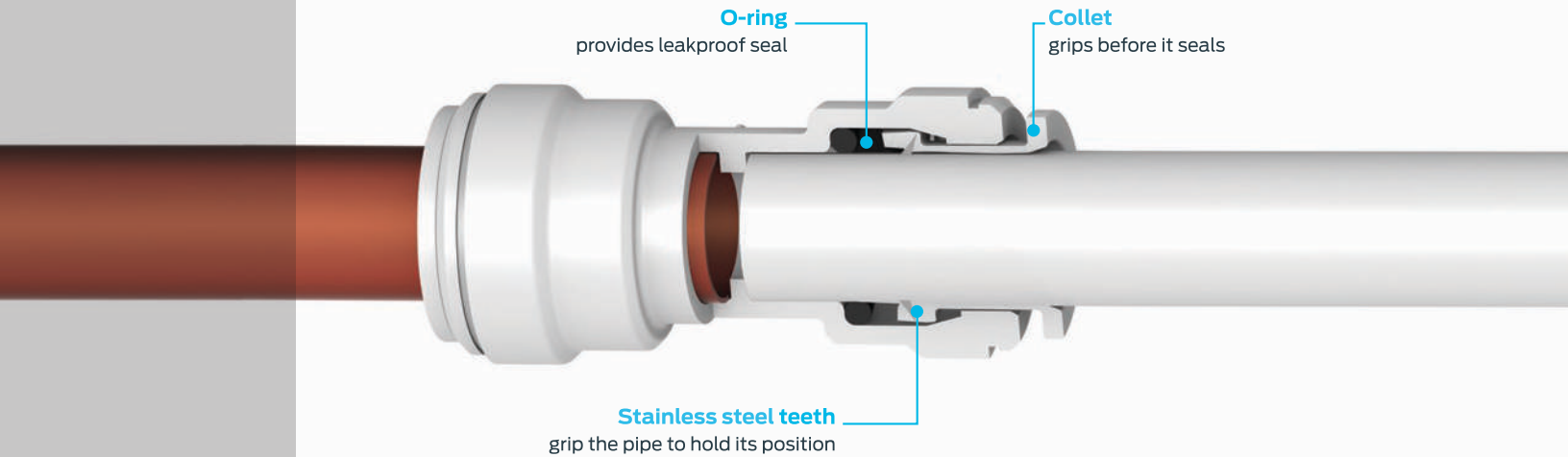
JJD

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.

# JJD

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JJDOWNS.COM

# Fluid System Fittings

## Inch Polypropylene White

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 white polypropylene with food grade EPDM O-rings. They have been developed to satisfy the filtered pure water market and a wide range of applications.

**NOT suitable for compressed air applications.**

### 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

#### Male Connector NPTF Thread



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PP010821W	1/4"	1/8"	10	500
PP010822W	1/4"	1/4"	10	400
PP010823W	1/4"	3/8"	10	400
PP010824W	1/4"	1/2"	10	200
PP011222W	3/8"	1/4"	10	250
PP011223W	3/8"	3/8"	10	250
PP011224W	3/8"	1/2"	10	250
PP011623W	1/2"	3/8"	10	150
PP011624W	1/2"	1/2"	10	150

#### Union Tee



Part Number	Tube OD	Bag Qty	Box Qty
PP0208W	1/4"	10	300
PP0208W-B	1/4"	10	300
PPM0208W	5/16"	10	200
PP0212W	3/8"	10	100
PP0216W	1/2"	10	80

-B denotes blue collet

#### Union Elbow



Part Number	Tube OD	Bag Qty	Box Qty
PP0308W	1/4"	10	400
PP0308W-B	1/4"	10	400
PPM0308W	5/16"	10	300
PP0312W	3/8"	10	200
PP0316W	1/2"	10	100

-B denotes blue collet

#### Union Connector



Part Number	Tube OD	Bag Qty	Box Qty
PP0408W	1/4"	10	400
PPM0408W	5/16"	10	300
PP0412W	3/8"	10	200
PP0416W	1/2"	10	100

#### Stem Adapter NPTF Thread



Part Number	Stem OD	Thread NPTF	Bag Qty	Box Qty
PP050821W	1/4"	1/8"	10	500
PP050822W	1/4"	1/4"	10	500
PP051222W	3/8"	1/4"	10	300
PP051223W	3/8"	3/8"	10	200
PP051623W	1/2"	3/8"	10	250
PP051624W	1/2"	1/2"	10	200

#### Reducer



Part Number	Stem OD	Tube OD	Bag Qty	Box Qty
PP061208W	3/8"	1/4"	10	400
PP061210W	3/8"	5/16"	10	400
PP061612W	1/2"	3/8"	10	200
PP062008W	5/8"	1/4"	10	200
PP062012W	5/8"	3/8"	10	200
PP062016W	5/8"	1/2"	10	150

Plug



Part Number	Tube OD	Bag Qty	Box Qty
PP0808W	1/4"	10	500
PPM0808W	5/16"	10	500
PP0812W	3/8"	10	400
PP0816W	1/2"	10	300

Swivel Male Elbow  
NPTF Thread



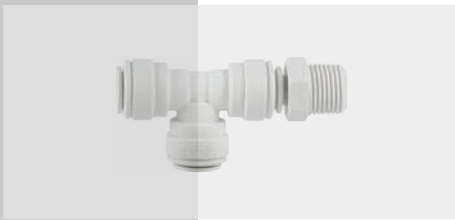
Part Number	Tube OD	Thread	Bag Qty	Box Qty
PP090821W	1/4"	1/8"	10	300
PP090822W	1/4"	1/4"	10	200
PP091222W	3/8"	1/4"	10	100
PP091223W	3/8"	3/8"	10	100

Swivel Male Branch Tee  
NPTF Thread



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PP100821W	1/4"	1/8"	10	200
PP100822W	1/4"	1/4"	10	200
PP101222W	3/8"	1/4"	10	100
PP101223W	3/8"	3/8"	10	100

Swivel Male Run Tee  
NPTF Thread



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PP110821W	1/4"	1/8"	10	200
PP110822W	1/4"	1/4"	10	200
PP111222W	3/8"	1/4"	10	100
PP111223W	3/8"	3/8"	10	100

Bulkhead Union



Part Number	Tube OD	Thread	Bag Qty	Box Qty
PP1208W	1/4"	0.67"	10	200
PP1212W	3/8"	0.83"	10	100
PP1216W	1/2"	1.06"	5	50

Bulkhead Unions are not intended for submerged use.

Reducing Bulkhead Union



Part Number	Tube OD	Tube OD	Mounting Hole Dia.	Bag Qty	Box Qty
PP121208W	3/8"	1/4"	0.83"	10	150

Bulkhead Unions are not intended for submerged use.

Reducing Union Connector



Part Number	Tube OD	Tube OD	Bag Qty	Box Qty
PP201208W	3/8"	1/4"	10	250
PP201612W	1/2"	3/8"	10	150

Reducing Elbow



Part Number	Tube OD	Tube OD	Bag Qty	Box Qty
PP211008W	5/16"	1/4"	10	300
PP211208W	3/8"	1/4"	10	200
PP211612W	1/2"	3/8"	10	150

Two Way Divider



Part Number	Tube OD	Bag Qty	Box Qty
PP2312W	3/8"	10	150

Reducing Two Way Divider



Part Number	Tube OD Inlet	Tube OD Outlet	Bag Qty	Box Qty
PP241208W	3/8"	1/4"	10	200

Tube to Hose Stem



Part Number	Stem OD	Hose ID	Bag Qty	Box Qty
PP251212W	3/8"	3/8"	10	400
PP251216W	3/8"	1/2"	10	300
PP251612W	1/2"	3/8"	10	300
PP251616W	1/2"	1/2"	10	250

Reducing Tee



Part Number	Tube OD	Tube OD	Tube OD Branch	Bag Qty	Box Qty
PP30080812W	1/4"	1/4"	3/8"	10	150
PP30120812W	3/8"	1/4"	3/8"	10	150
PP30121208W	3/8"	3/8"	1/4"	10	150
PP301612W	1/2"	1/2"	3/8"	10	50

Faucet Connector  
UNS Thread



Part Number	Tube OD	Thread UNS	Bag Qty	Box Qty
PP3208U7W	1/4"	7/16"-24	10	400
PP3212U7W	3/8"	7/16"-24	10	300

7/16 - 24 UNS = 1/4 Compression Threads

Female Adapter  
NPTF Thread



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PP450821W	1/4"	1/8"	10	400
PP450822W	1/4"	1/4"	10	200
PP451222W	3/8"	1/4"	10	200
PP451223W	3/8"	3/8"	10	150

End Cap



Part Number	Tube OD	Bag Qty	Box Qty
PP4608W	1/4"	10	500

Fixed Elbow  
NPTF Thread



Part Number	Tube OD	Thread NPTF	Bag Qty	Box Qty
PP480821W	1/4"	1/8"	10	500
PP480822W	1/4"	1/4"	10	400
PP480823W	1/4"	3/8"	10	300
PP481222W	3/8"	1/4"	10	200
PP481223W	3/8"	3/8"	10	200
PP481623W	1/2"	3/8"	10	150

Three Way Divider



Part Number	Tube OD Inlet	Tube OD Outlet	Bag Qty	Box Qty
PP491208W	3/8"	1/4"	10	150

Stackable Tee



Part Number	Tube OD Inlet	Stem OD	Tube OD Outlet	Bag Qty	Box Qty
PP531212W	3/8"	3/8"	3/8"	10	150

Plug In Elbow



Part Number	Stem OD	Tube OD	Bag Qty	Box Qty
PP220808W	1/4"	1/4"	10	500
PPM220808W	5/16"	5/16"	10	400
PP221208W	3/8"	1/4"	10	300
PP221212W	3/8"	3/8"	10	200
PP221212W-B	3/8"	3/8"	10	200
PP221616W	1/2"	1/2"	10	150

-B denotes blue collet

Female Connector



Part Number	Tube OD	Thread UNEF	Bag Qty	Box Qty
PP6008U9W	1/4"	9/16"-24	10	300

9/16 - 24 UNEF = 3/8 Compression Threads

For 3/8" OD x 9/16" - 24 female connector see page 32

Fixed Tee Adapter  
NPTF Thread



Part Number	Tube OD Ends	NPTF Branch	Bag Qty	Box Qty
PP641223W	3/8"	3/8"	10	150

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