


## For Residential and Commercial Applications

Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

# BWBOPS 3/4" Push Connect Braided Polymer Water Heater Connector

**Use:** For use in exposed locations only to connect water heaters, water softeners, and other water connected devices to the water supply. Not intended for use with recirculating water systems that produce continuous use temperatures above 115° F. For those applications use our CopperFlex™ corrugated copper or ProCoat® coated stainless steel water heater connectors. Compatible with PEX, copper, and CPVC.

### Design Features:

- **Superior corrosion resistance** to harsh chemicals found in most common household cleaning and plumbing repair products
- **Secure push connect connection**
- **No soldering or glue** needed for installation
- **Removes the need for additional transition fittings**
- **Greater strength & flexibility.** The patented polymer braid exhibits greater elasticity than stainless steel braiding, significantly increasing the flexibility of the connector
- **No kinking, no crimping.** The polymer braided jacket is specially engineered to bend freely without kinking or crimping the connector
- **Won't work harden** even with repeated bending
- **No dielectric union needed** with installation as the braiding and rubber are constructed of non-conductive materials\*
- **Less torque to seal** against the pliable rubber washer, especially on rough nipple surfaces
- **Longer connector nut** allows a greater number of thread-to-thread contacts and offer a better seal
-  **No Lead**

### Operating Specifications:

**Temperature:** 40° - 140° F, intermittent to 180° F

**Water Pressure:** 125 PSI maximum

OPERATING SPECIFICATION				
	12"	15"	18"	24"
<b>Flow Coefficient (Cv)</b>	<b>5.9</b>	<b>5.8</b>	<b>5.6</b>	<b>5.4</b>

$\Delta P$  (Pressure Drop) =  $GPM^2 / Cv^2$  for Example: 24" length connector @ 10 GPM

$\Delta P = 10^2 / 5.4^2 = 100/29.16 = 3.43 \text{ psi}$



*This specification and all information contained herein is the confidential and exclusive property of BrassCraft Manufacturing, and shall not be disclosed to others without the written consent of BrassCraft Mfg. This specification must be returned to BrassCraft Mfg. if requested.*

300.23 BWBOPS Braided Water Heater Connectors REV 07/15

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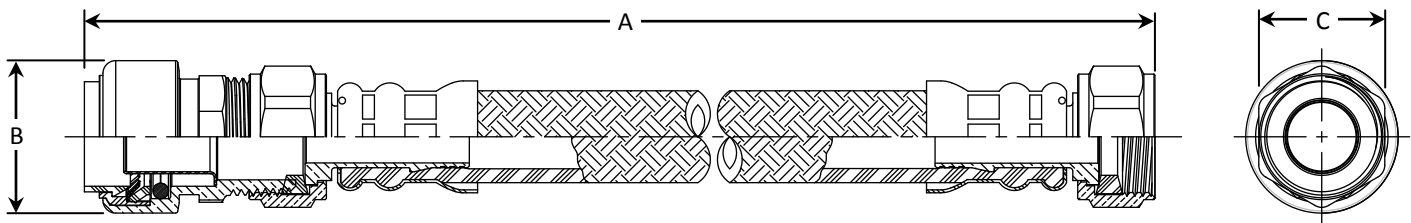
\*Check with your local inspection office for applicable code requirements

## BWB0PS 3/4" Push Connect Braided Polymer Water Heater Connector

MATERIAL SPECIFICATIONS	
Inner Hose	Rubber
Braiding	Coated polyester yarn
Barb	Brass
Ferrule	Brass
Nut	Brass
Washer	Rubber
Push Connect O-ring	Rubber
Gripper Ring	Stainless steel
Release Collar & Capsule	Plastic
Tube Stiffener	Plastic

### Part Listing:

- ☐ BWB0PS-12 3/4" push connect x 3/4" FIP x 12" length
- ☐ BWB0PS-15 3/4" push connect x 3/4" FIP x 15" length
- ☐ BWB0PS-18 3/4" push connect x 3/4" FIP x 18" length
- ☐ BWB0PS-24 3/4" push connect x 3/4" FIP x 24" length



PART DIMENSIONS (Inches)			
Model	DIM. A	DIA. B	HEX. C
BWB0PS-12	13.30/14.10	1.36	1.12
BWB0PS-15	16.30/17.10	1.36	1.12
BWB0PS-18	19.30/20.10	1.36	1.12
BWB0PS-24	25.30/26.10	1.36	1.12

### Listings & Certifications:

- IAPMO listed to ASME A112.18.6 and CSA B125.6 (File # 0452)
- CSA listed to ASME A112.18.6 and CSA B125.6 (File # 204593)
- No-lead product CSA listed to NSF 372 (Class 6853-01)



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