

# BrassCraft®

## **COPPER-FLEX™**

**Copper Water Heater Connectors**

**Corrosion is No Match  
for COPPER-FLEX™**

### **Patented Galvanic and Electrolytic Corrosion Protection.**

- Patented internal dielectric insulator sleeve provides superior resistance to galvanic and electrolytic corrosion
- Insulator sleeve effectively isolates dissimilar metals within the water way to eliminate the need for a dielectric union (plastic lined nipple).

### **The Preferred Seal**

- Pliable Nitrile rubber washer requires less torque to seal and is more resilient to rough nipple surfaces.
- Longer connector nuts provide more thread-to-thread contact and a better seal to lined nipples
- Manufactured with solid brass nuts

### **Listed to ASME A112.18.6/CSA B125.6**

- Available in a variety of approved configurations to fit most plumbing system connections



**Compliant**







California (AB1953) and Vermont (S152)

Internal Dielectric  
Sleeve



Nitrile Rubber  
Washer



# COPPER-FLEX™ Copper Water Heater Connectors

7/8 IN. O.D. TUBE	Part No.*	Description	Nominal Length/ Carton Wt (Lbs)			
			12"	15"	18"	24"
	WB00-N	3/4" F.I.P. X 3/4" F.I.P.	13	15	18	21
	WB03-N	3/4" F.I.P. X 3/4" Nom. Male Sweat (7/8" O.D.)	13	15	18	21
	WB034-N	3/4" F.I.P. X 3/4" Nom. Male/Female Sweat (7/8" I.D.)	13	15	18	21
	WB134-N	1" F.I.P. x 3/4" Nom. Male/Female Sweat	—	—	18	21
	WB234-N	3/4" M.I.P./F.I.P. x 3/4" Nom. Male/Female Sweat (7/8" I.D.)	19	21	22	27
	WB20-N	3/4" M.I.P./F.I.P. x 3/4" F.I.P.	19	21	22	27
	WB23-N	3/4" M.I.P./F.I.P. x 3/4" Nom. Male Sweat (7/8" O.D.)	19	21	22	27

**A Perfect Fit to PEX** Quickly and easily connects directly to PEX pipe.






	WB07	3/4" F.I.P. x 3/4" PEX Brass Barb	—	—	22	27
	WB27	3/4" M.I.P./F.I.P. x 3/4" PEX Brass Barb	—	—	22	27

\*To order, add length to part number (e.g. WB00-18N or WB07-18)

Carton Qty: 25

**⚠ WARNING:** For use with water in readily accessible locations only. DO NOT use with gas – gas will cause corrosion and leakage.

## COPPER-FLEX™ Adaptors

	Part No.	Description	Carton Qty	Carton Wt (Lbs)
	WRU-12-12	3/4-14 Straight Male Pipe Thread x 3/4" M.I.P. Hex Nipple. <b>Brass.</b> Use to Adapt 3/4" F.I.P. Nut to 3/4" M.I.P. on Water Heater Connection.	25	4
	PRB-12-8	3/4-14 Straight Male Pipe Thread x 1/2" F.I.P. Bushing. <b>Brass.</b>	25	1
	WRU-12PX	3/4-14 Straight Male Pipe Thread x 3/4" PEX Barb Adaptor. <b>Brass.</b>	25	3
	WRJ	1.020" O.D. x .687" I.D. x .240" Thick Rubber Washer. For Copper Water Heater Connectors (new style) manufactured after 1990	25	1
	DIS	.940" X .675" I.D. x .218" Thick Rubber Washer. For Copper Water Heater Connectors (old style) manufactured before 1990	5	1



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Scan for direct access to BrassCraft Water Heater Connectors

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# For Residential and Commercial Applications

Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

## WB27 7/8" OD Copper Water Heater Connector – F.I.P./M.I.P. x PEX Brass Barb

**Use:** For use in exposed locations only to connect water heaters and other water connected devices to the water supply

### Design Features:

- **Superior galvanic corrosion resistance.** Patented internal dielectric sleeve (PATENT # 6,422,606) effectively isolates dissimilar metals within the waterway to prevent galvanic corrosion
- **No dielectric union needed** with installation. Dielectric is built-in to the design of the connector
- **Less torque to seal** against the pliable Nitrile rubber washers, especially on rough nipple surfaces
- **Longer connector nuts** allow a greater number of thread-to-thread contacts and a better seal
- **100% compliant** to California, Vermont and Maryland "low-lead" requirements

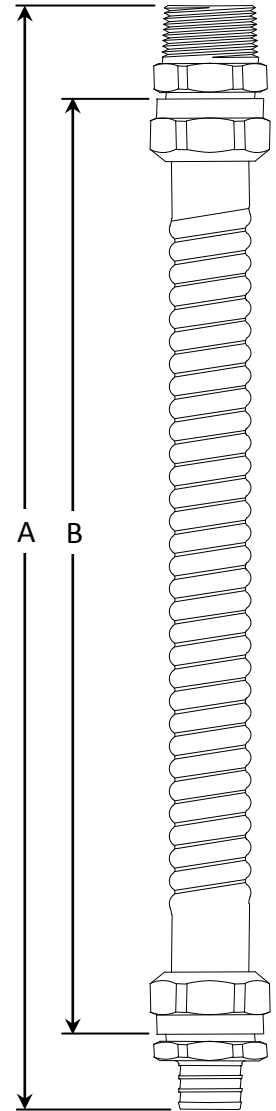
### Operating Specifications:

**Temperature:** 40° to 180° F (NSF61 maximum 82° C)

**Pressure:** water pressures up to 125 PSI maximum

MATERIAL SPECIFICATIONS	
Tubing	C12200 Copper
Dielectric Sleeve	Polypropylene
Connector Nuts	C36000 brass
Washers	Nitrile rubber
M.I.P. Fitting	Compliant brass
PEX Fitting	Compliant brass

PART DIMENSIONS (Inches)		
Connector Length (±.31)		
Model	DIM. A	DIM. B
WB27-18	18.31	20.62
WB27-24	24.31	26.50



### Part Listing:

- ☐ WB27-18 7/8" OD x 18" connector with 3/4" PEX fitting (pre-torqued) x 3/4" MIP/FIP end fitting
- ☐ WB27-24 7/8" OD x 24" connector with 3/4" PEX fitting (pre-torqued) x 3/4" MIP/FIP end fitting

### Listings & Certifications:

- IAPMO listed to ASME A112.18.6 and CSA B125.6 (File # 0452)
- CSA listed to ASME A112.18.6 / CSA B125.6 (File # 204593)
- Compliant product CSA approved to California Health & Safety Code 116875, Vermont Bill S.152 and Maryland House Bill 372 (Project # 2174785)



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