

## **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









Internal Dielectric Sleeve

Nitrile Rubber Washer





California (AB1953) and Vermont (S152)

# 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



Scan for direct access to BrassCraft Water Heater Connectors

**Brass-Craft Manufacturing Co.**  
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FAX: (800) 567-9100

## For Residential and Commercial Applications

Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

### WB034/134/234 7/8" OD Copper Water Heater Connectors

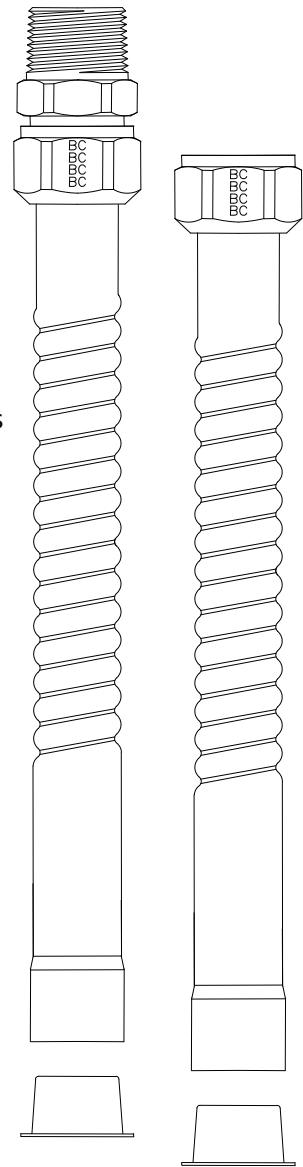
**Use:** For use in exposed locations only to connect water heaters and other water connected devices to the water supply

**Design Features:**

- **Superior galvanic corrosion resistance.** Patented internal dielectric sleeve 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 washer, 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
Nuts	C36000 brass
End Fittings	C36000 brass
Washers	Nitrile rubber

**Part Listing:**

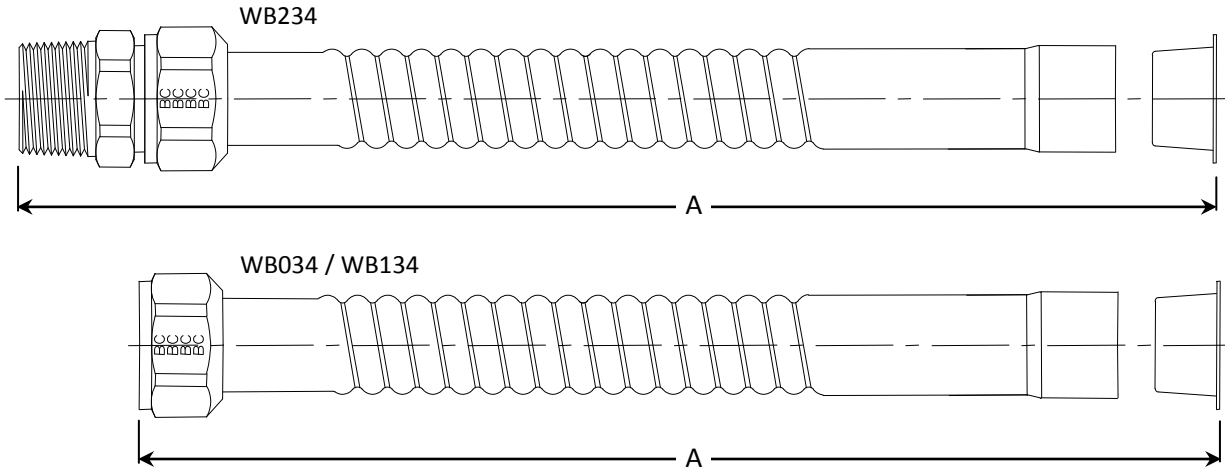
- WB034-12N 7/8" OD X 12" connector with 3/4" FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)
- WB034-15N 7/8" OD X 15" connector with 3/4" FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)
- WB034-18N 7/8" OD X 18" connector with 3/4" FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)
- WB034-24N 7/8" OD X 24" connector with 3/4" FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)
- WB134-18N 7/8" OD X 18" connector with 1" FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)
- WB134-24N 7/8" OD X 24" connector with 1" FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)

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# WB034/134/234 7/8" OD Copper Water Heater Connectors

**Part Listing:**

- WB234-12N      7/8" OD X 12" connector with 3/4" MIP/FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)
- WB234-15N      7/8" OD X 15" connector with 3/4" MIP/FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)
- WB234-18N      7/8" OD X 18" connector with 3/4" MIP/FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)
- WB234-24N      7/8" OD X 24" connector with 3/4" MIP/FIP fitting x 3/4" Nom. Male/Female Sweat (7/8" ID)



PART DIMENSIONS (Inches)					
Connector Length (±.31)					
Model	Dim.	12"	15"	18"	24"
WB034	A	12.31	15.31	18.31	24.31
WB134	A	-----	-----	18.31	24.31
WB234	A	13.05	16.05	19.05	25.05

**Listings & Certifications:**

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



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