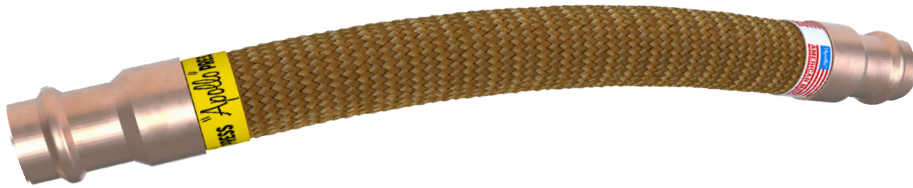


FLEX HOSE

Pump Saver™ Bronze Braided Metal
Pump Connector (for copper tubing)

SUBMITTAL SHEET

"Apollo" PRESS



| | |
|------------------|--|
| Job Name: | |
| Job Location: | |
| Engineer: | |
| Contractor: | |
| Tag: | |
| PO#: | |
| Rep: | |
| Wholesale Dist.: | |

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. PumpSaver braided metal pump connector(s). Provide appropriate size braided metal pump connector(s) to connect to mating copper tubing:
a. Model BPP with Elkhart ApolloXpress® copper female press ends

1.02 MANUFACTURER

- A. PumpSaver braided metal pump connector shall be manufactured by Flex-Hose Co. or pre-approved equal.

PART 2 PRODUCTS

2.01 Braided metal pump connector(s)

- A. The hose shall be copper alloy C51000 (95/5) annular corrugated (manufactured in the USA).
B. The braid shall commercial bronze C22000 (90/10) (manufactured in the USA).
C. The copper ring ferrule or band shall be of not less than 0.032" thick material.
D. The hose, braid and ferrule shall be integrally seal-welded using a 100% circumferential TIG weld.
E. All end fittings shall be must be attached using 100% circumferential TIG weld.
F. Braided bronze pump connector must be suitable for operating temperatures up to 250 degrees F (121° C) with standard EPDM sealing element.
G. The rated working pressure of the hose must have a 4:1 safety factor.
H. Each braided metal hose pump connector is to be individually leak tested by the manufacturer using air-under-water, helium leak detection and/or hydrostatic pressure.
I. Model BPP shall be supplied with copper female press fit ends with standard EPDM sealing element
J. For the Canadian market they must be CSA standard B51 certified, inspected and tested by the Technical Standards and Safety Authority of Canada.
K. When used for potable water the model BPP shall be third party tested and, listed (by a laboratory in compliance with all applicable requirements of ISO/IEC 17025) and marked in accordance with NSF/ANSI 61-2011
L. When used for potable water the model BPP shall be third party tested and, listed (by a laboratory in compliance with all applicable requirements of ISO/IEC 17025) and marked in accordance with Section 1417(d) of the Safe Drinking Water Act. Must meet the lead content requirements of Section 116875 of the California Health & Safety Code, and the criteria of NSF/ANSI 372 for low lead.

Special Note: Drinking water supplies that are less than pH 6.5 may require corrosion control to limit leaching of copper into the drinking water.

2.02 WARRANTY

PumpSaver model bronze braided metal pump connector(s) must have a 3-year full product replacement warranty when installed in accordance with all specifications and installation instructions as described by Flex-Hose Co.

Note: as of 5/3/2016 3rd party approval for items K & L in section 2.01 is pending.

| Part Number | Size (in.) | Oal (in.) | Pressure (PSI) @ 250°F | Parallel Offset (in.) one side of centerline | Wt. (lbs.) |
|-------------|------------|-----------|------------------------|--|------------|
| FHLFPR318 | 1/2 | 18.0 | 200 | 3.875 | 1.0 |
| FHLFPR418 | 3/4 | 18.0 | 200 | 3.125 | 1.4 |
| FHLFPR518 | 1 | 18.0 | 200 | 2.75 | 1.75 |
| FHLFPR618 | 1-1/4 | 18.0 | 200 | 2.125 | 2.65 |
| FHLFPR718 | 1-1/2 | 18.0 | 200 | 1.5 | 3.65 |
| FHLFPR818 | 2 | 18.0 | 180 | 1.125 | 4.6 |

