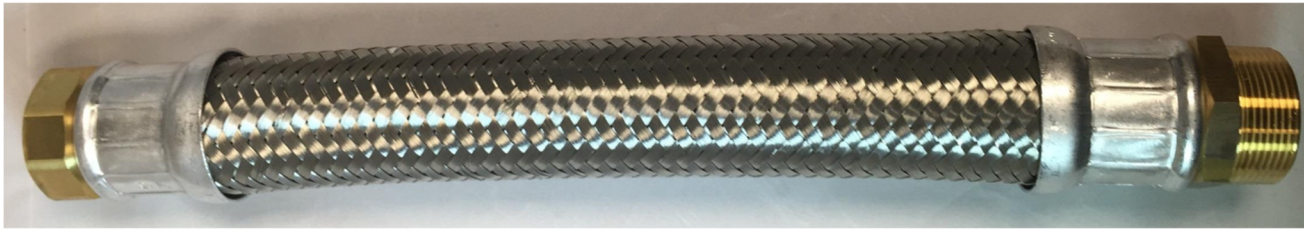


## HEAT PUMP BRAIDED HOSE ASSEMBLIES

Duraflex, Inc. is the leading Designer & Manufacturer of Flexible Stainless Steel Braided Hoses, Fittings & Full Assemblies for the HVAC & Plumbing Industries. Our durable metal heat pump hose connectors are engineered to endure the mechanical systems life cycle, while maintaining the integrity of the hose. Technically designed to isolate vibration, control movement, allow for adjustable or non-uniform offsets, secure connections in obstructed /cramped areas & reduce life cycle costs.



### NEW or RETROFIT INSTALLATIONS

#### Product Features

- Custom Lengths & Fittings Available
- High Temp Products (Up to 195° F)
- Standard Sizes In Stock
- Volume & Distributor Discounts
- Quality Materials

#### Fitting Combinations Available

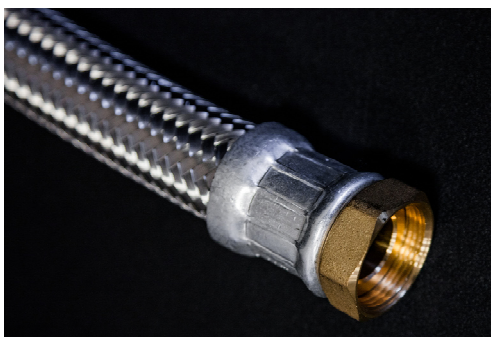
- Fixed Male x Male Swivel
- Fixed Male x Female Swivel
- Female x Female
- Lengths Available:
  - 12" - 48"
  - 6" increments
- Custom Lengths: [Contact Us](#)

#### Applications

- Chillers
- Fan Coils
- Heat Pumps
- Geothermal
- Radiant Flooring
- Water Bubblers
- Water Coolers
- Water Fountains
- Water Heaters

#### Required For

- Water Supply
- Vibration Dampening
- Noise Reduction
- Stress Elimination from critical components



**Water Use Only:**  
Connector not intended for gas.

**Min/Max Temp Range:**  
14° - 195° F

**Installation Bend Radius:**  
Don't exceed beyond stated radiuses.



## DURAFLEX, INC. ADVANTAGES

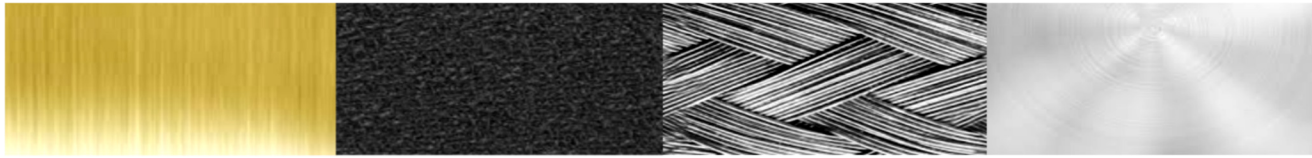


- Standard Products In-stock
- ISO 9001:2015
- Custom Order Available
- Cost Competitive...always!
- No Minimums

- Professional Appearance
- Short Lead Times
- Engineered Drawings
- American Made
- American Materials



## HEAT PUMP BRAIDED HOSE ASSEMBLIES

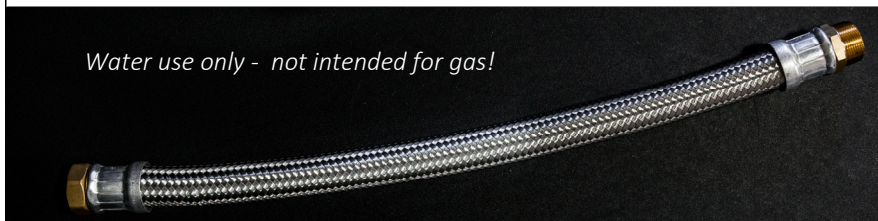


Construction	Materials
Hose Carrier:	EPDM, Non-corrugated Smooth Bore
Braid cover over carrier:	300 Corrosion Resistant SS
Braid Collar / Ferrule:	Al (SS available upon request)
Fixed Male End Fitting:	BRS Threaded NPT
Swivel Female end fitting:	BRS Threaded NPSM
Gasket:	<ul style="list-style-type: none"> <li>• Fiber</li> <li>• Gasket required for Flat Seat</li> </ul>
Coupler / Adapter:	<ul style="list-style-type: none"> <li>• BRS Male NPSM x Male NPT</li> <li>• BRS NPT End</li> <li>• BRS NPSM End</li> </ul>
Insulation:	Thermal Insulation Outer Cover available upon request

### Gasket

- FLAT SEAT = **Required**
- CONE SEAT = **N/A**

Size	Duraflex Part Numbers
3/8"	003-HPH-G
1/2"	004-HPH-G
3/4"	006-HPH-G
1"	010-HPH-G
1 1/4"	012-HPH-G
1 1/2"	014-HPH-G
2"	020-HPH-G



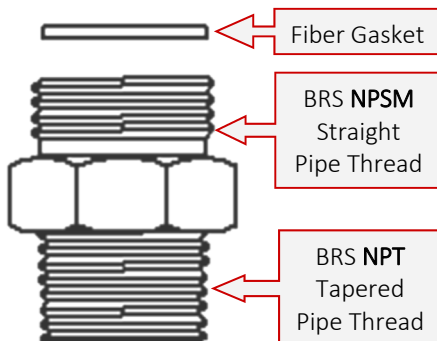
Water use only - not intended for gas!

### Coupler | Adapter

- FLAT SEAT = **Optional**
- CONE SEAT = **Required**


Size	Duraflex Part Numbers
1/2"	004-HPH-A
3/4"	006-HPH-A
1"	010-HPH-A
1 1/4"	012-HPH-A
1 1/2"	014-HPH-A
2"	020-HPH-A

### Coupler | Adapter



**INSTALLATION**

Hose cannot be bent beyond the stated bend radius during installation. Doing so will damage the hose & void any warranty claims.



### LEGEND:

- Al = Aluminum
- BRS = Brass
- EPDM = Ethylene Propylene Di-monomer
- ID = Inside Diameter
- L = Length
- NPT = Natl. Pipe Thread— Tapered
- NPSM = Natl. Pipe Straight Mechanical
- SS = Stainless Steel

## DURAFLEX, INC. ADVANTAGES



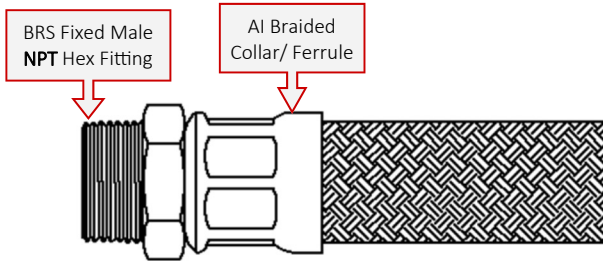
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- Custom Order Available
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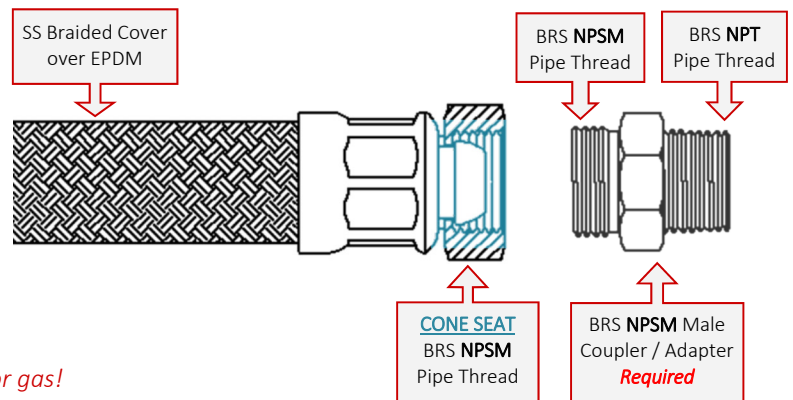


## HEAT PUMP BRAIDED HOSE ASSEMBLIES

### ▼ FIXED MALE NPT END FITTING



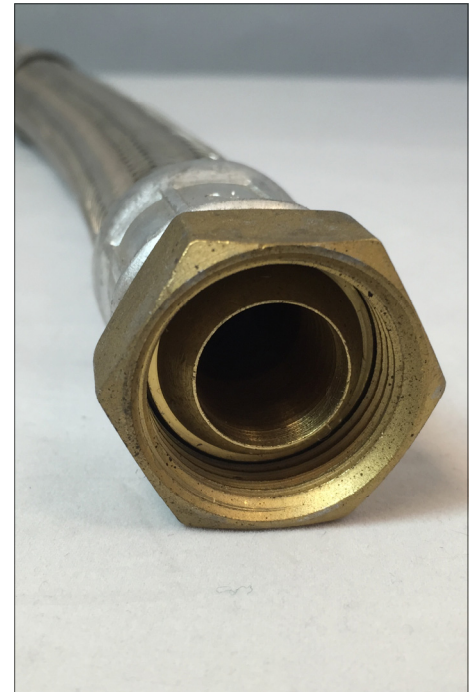
### FEMALE SWIVEL END FITTING ▼



*Water use only - not intended for gas!*

### CONE SEAT

Size ID x L	Duraflex Part Numbers	Bend Radius*	Working Pressure	Burst Pressure	Temp. °F Min/Max
½" x 12"	004-HPHC-12	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 18"	004-HPHC-18	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 24"	004-HPHC-24	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 30"	004-HPHC-30	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 36"	004-HPHC-36	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 48"	004-HPHC-48	2 ½"	220 PSI	1015 PSI	14° / 195°
¾" x 12"	006-HPHC-12	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 18"	006-HPHC-18	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 24"	006-HPHC-24	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 30"	006-HPHC-30	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 36"	006-HPHC-36	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 48"	006-HPHC-48	3 ¾"	220 PSI	800 PSI	14° / 195°
1" x 12"	010-HPHC-12	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 18"	010-HPHC-18	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 24"	010-HPHC-24	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 30"	010-HPHC-30	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 36"	010-HPHC-36	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 48"	010-HPHC-48	4 ½"	220 PSI	725 PSI	14° / 195°



#### INSTALLATION

\*Hose cannot be bent beyond the stated bend radius during installation. Doing so will damage the hose & void any warranty claims.

CONTACT US: 877.462.1007 | WWW.DURAFLEXINC.COM



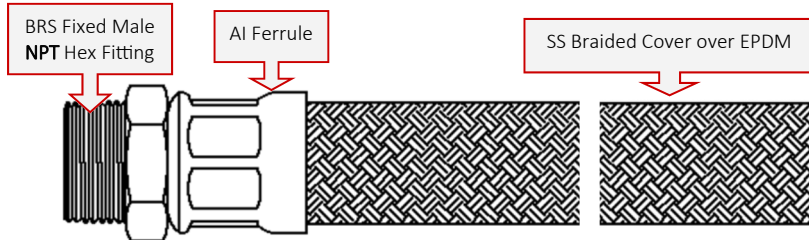
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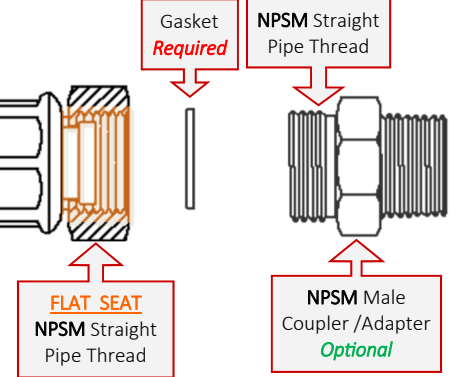


## HEAT PUMP BRAIDED HOSE ASSEMBLIES

### ▼ FIXED MALE NPT END FITTING



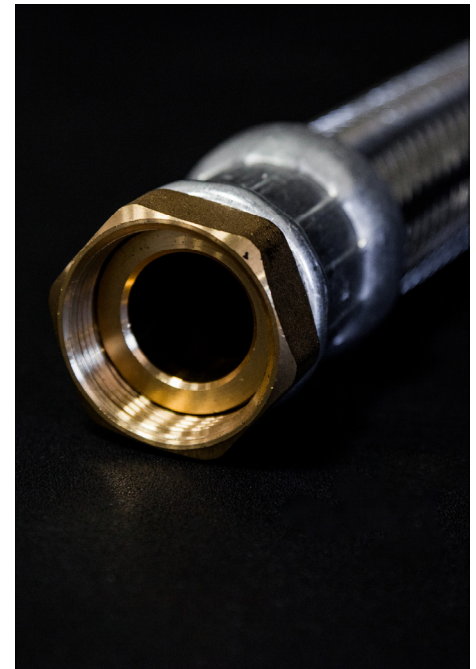
### FEMALE SWIVEL END FITTING ▼



### FLAT SEAT

Size ID x L	Duraflex Part Numbers	Bend Radius*	Working Pressure	Burst Pressure	Temp. °F Min/Max
½" x 12"	004-HPH-12	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 18"	004-HPH-18	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 24"	004-HPH-24	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 30"	004-HPH-30	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 36"	004-HPH-36	2 ½"	220 PSI	1015 PSI	14° / 195°
½" x 48"	004-HPH-48	2 ½"	220 PSI	1015 PSI	14° / 195°
¾" x 12"	006-HPH-12	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 18"	006-HPH-18	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 24"	006-HPH-24	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 30"	006-HPH-30	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 36"	006-HPH-36	3 ¾"	220 PSI	800 PSI	14° / 195°
¾" x 48"	006-HPH-48	3 ¾"	220 PSI	800 PSI	14° / 195°
1" x 12"	010-HPH-12	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 18"	010-HPH-18	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 24"	010-HPH-24	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 30"	010-HPH-30	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 36"	010-HPH-36	4 ½"	220 PSI	725 PSI	14° / 195°
1" x 48"	010-HPH-48	4 ½"	220 PSI	725 PSI	14° / 195°
1 ¼" x 12"	012-HPH-12	5 ¾"	145 PSI	580 PSI	14° / 195°
1 ¼" x 18"	012-HPH-18	5 ¾"	145 PSI	580 PSI	14° / 195°
1 ¼" x 24"	012-HPH-24	5 ¾"	145 PSI	580 PSI	14° / 195°
1 ¼" x 30"	012-HPH-30	5 ¾"	145 PSI	580 PSI	14° / 195°
1 ¼" x 36"	012-HPH-36	5 ¾"	145 PSI	580 PSI	14° / 195°
1 ¼" x 48"	012-HPH-48	5 ¾"	145 PSI	580 PSI	14° / 195°
1 ½" x 12"	014-HPH-12	7"	145 PSI	510 PSI	14° / 195°
1 ½" x 18"	014-HPH-18	7"	145 PSI	510 PSI	14° / 195°
1 ½" x 24"	014-HPH-24	7"	145 PSI	510 PSI	14° / 195°
1 ½" x 30"	014-HPH-30	7"	145 PSI	510 PSI	14° / 195°
1 ½" x 36"	014-HPH-36	7"	145 PSI	510 PSI	14° / 195°
1 ½" x 48"	014-HPH-48	7"	145 PSI	510 PSI	14° / 195°
2" x 12"	020-HPH-12	8 ½"	90 PSI	435 PSI	14° / 195°
2" x 18"	020-HPH-18	8 ½"	90 PSI	435 PSI	14° / 195°
2" x 24"	020-HPH-24	8 ½"	90 PSI	435 PSI	14° / 195°
2" x 30"	020-HPH-30	8 ½"	90 PSI	435 PSI	14° / 195°
2" x 36"	020-HPH-36	8 ½"	90 PSI	435 PSI	14° / 195°
2" x 48"	020-HPH-48	8 ½"	90 PSI	435 PSI	14° / 195°

Water use only - not intended for gas!



#### INSTALLATION

\*Hose cannot be bent beyond the stated bend radius during installation. Doing so will damage the hose & void any warranty claims.

