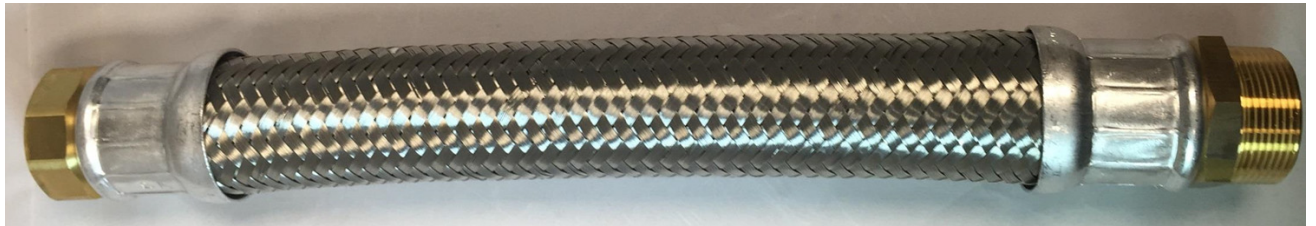


## HEAT PUMP BRAIDED HOSE ASSEMBLIES

Duraflex, Inc. is the leading Designer & Manufacturer of Flexible Stainless Steel Braided Hoses, Fittings & Full Assemblies for the HVAC & Plumbing Industries. Our durable metal **Fire Rated** & **NSF 61 Listed** 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 axial & lateral movements, allow for adjustable or non-uniform offsets, secure connections in obstructed /cramped areas & reduce life cycle costs.



NEW or RETROFIT  
 INSTALLATIONS



### PRODUCT FEATURES

- **ASTM E 84-01 Fire Rated\*** / NSF 61 Listed  
*\*Fire Rated Outer Insulation Available*
- Custom Lengths & Fittings Available
- High Temp Products (Up to 230° F \*)  
*\*195° F continuous or 230° F intermittent*
- Standard Sizes In Stock
- Volume & Distributor Discounts

### APPLICATIONS

- |                   |                    |
|-------------------|--------------------|
| ■ Chillers        | ■ Radiant Flooring |
| ■ Corrosive Media | ■ Water Bubblers   |
| ■ Fan Coils       | ■ Water Coolers    |
| ■ Heat Pumps      | ■ Water Fountains  |
| ■ Geothermal      | ■ Water Heaters    |

### 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](#)

### REQUIRED FOR

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

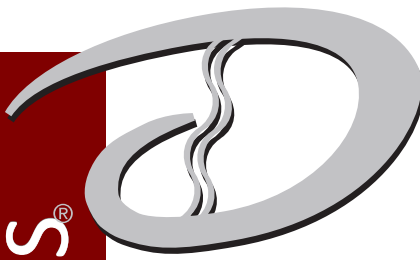


**Water Use Only:**  
 Connector not intended for gas.

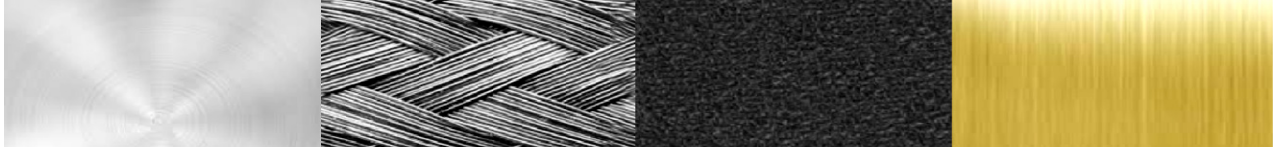
**Fire Rated**  
 Flexible Connector

**Min/Max Temp Range:**  
 25° - 195° F





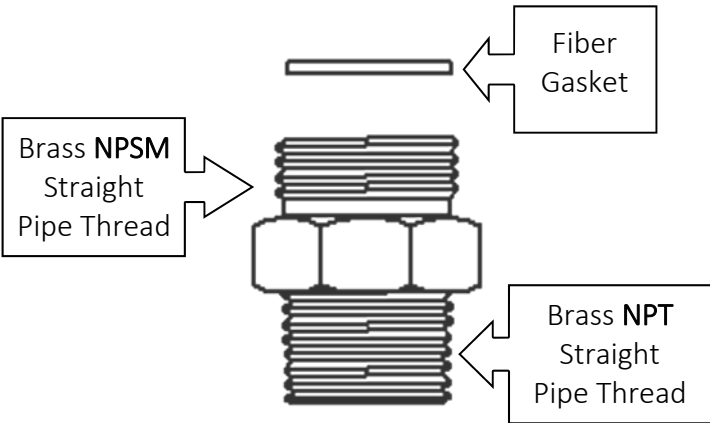
## HEAT PUMP BRAIDED HOSE ASSEMBLIES



MATERIALS / CONSTRUCTION	
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:	Brass Threaded NPT
SWIVEL FEMALE CONE SEAT:	Brass Threaded NPSM
GASKET:	<ul style="list-style-type: none"> <li>Fiber</li> <li>Gasket required for Flat Seat</li> </ul>
ADAPTER:	<ul style="list-style-type: none"> <li>Male NPSM x Male NPT</li> <li>NPT End = Tapered</li> <li>NPSM End = Straight Thread</li> </ul>
INSULATION:	Thermal Insulation Outer Cover available upon request

FIBER GASKET	
FLAT SEAT	= <i>Required</i>
CONE SEAT	= <i>N/A</i>
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

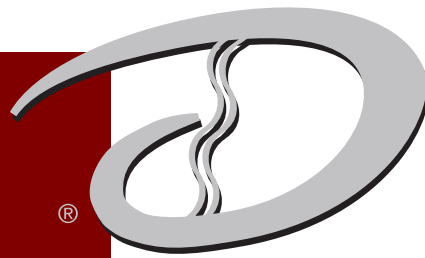
MALE ADAPTER	
FLAT SEAT	= <i>Optional</i>
CONE SEAT	= <i>Required</i>
Size	Duraflex Part Numbers
1/2"	004-HPH-A
3/4"	006-HPH-A
1"	010-HPH-A
1 1/4"	012-HPH-A
1 1/2"	014-HPH-A
2"	020-HPH-A



**LEGEND:**  
 Al = Aluminum  
 EPDM = Ethylene Propylene Di-monomer  
 ID = Inside Diameter  
 L = Length  
 NPT = Natl. Pipe Thread  
 NPSM = Natl. Pipe Straight Mechanical  
 SS = Stainless Steel

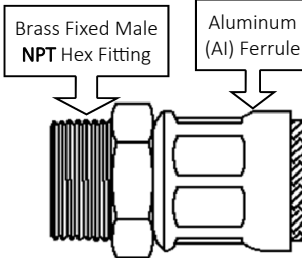
*Water use only -  
 not intended for gas!*





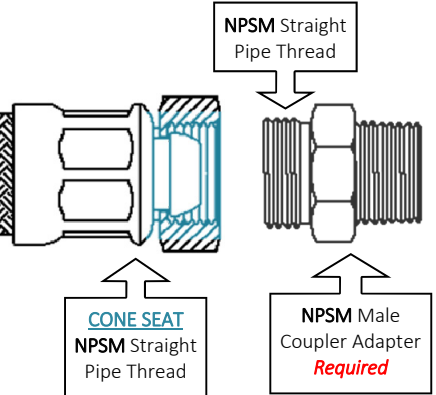
## HEAT PUMP BRAIDED HOSE ASSEMBLIES

### ▼ FIXED MALE NPT FITTING



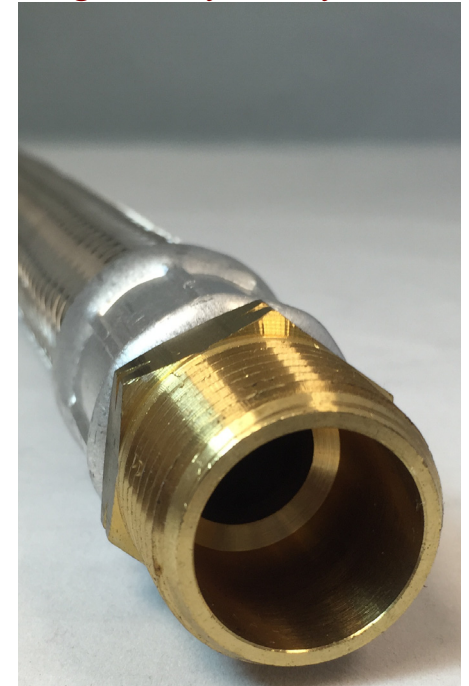
Stainless Steel Braided Cover over EPDM

### FEMALE CONE SWIVEL ▼



Size	Duraflex	Bend	Working	Burst	Temp. °F
½" x 12"	004-HPHC-12	2"	350 PSI	1400 PSI	25° / 195°
½" x 18"	004-HPHC-18	2"	350 PSI	1400 PSI	25° / 195°
½" x 24"	004-HPHC-24	2"	350 PSI	1400 PSI	25° / 195°
½" x 30"	004-HPHC-30	2"	350 PSI	1400 PSI	25° / 195°
½" x 36"	004-HPHC-36	2"	350 PSI	1400 PSI	25° / 195°
½" x 48"	004-HPHC-48	2"	350 PSI	1400 PSI	25° / 195°
¾" x 12"	006-HPHC-12	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 18"	006-HPHC-18	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 24"	006-HPHC-24	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 30"	006-HPHC-30	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 36"	006-HPHC-36	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 48"	006-HPHC-48	3 ¼"	300 PSI	1200 PSI	25° / 195°
1" x 12"	010-HPHC-12	4"	225 PSI	900 PSI	25° / 195°
1" x 18"	010-HPHC-18	4"	225 PSI	900 PSI	25° / 195°
1" x 24"	010-HPHC-24	4"	225 PSI	900 PSI	25° / 195°
1" x 30"	010-HPHC-30	4"	225 PSI	900 PSI	25° / 195°
1" x 36"	010-HPHC-36	4"	225 PSI	900 PSI	25° / 195°
1" x 48"	010-HPHC-48	4"	225 PSI	900 PSI	25° / 195°
1 ¼" x 12"	012-HPHC-12	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 18"	012-HPHC-18	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 24"	012-HPHC-24	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 30"	012-HPHC-30	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 36"	012-HPHC-36	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 48"	012-HPHC-48	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ½" x 12"	014-HPHC-12	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 18"	014-HPHC-18	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 24"	014-HPHC-24	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 30"	014-HPHC-30	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 36"	014-HPHC-36	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 48"	014-HPHC-48	6 ½"	150 PSI	600 PSI	25° / 195°
2" x 12"	020-HPHC-12	8"	100 PSI	400 PSI	25° / 195°
2" x 18"	020-HPHC-18	8"	100 PSI	400 PSI	25° / 195°
2" x 24"	020-HPHC-24	8"	100 PSI	400 PSI	25° / 195°
2" x 30"	020-HPHC-30	8"	100 PSI	400 PSI	25° / 195°
2" x 36"	020-HPHC-36	8"	100 PSI	400 PSI	25° / 195°
2" x 48"	020-HPHC-48	8"	100 PSI	400 PSI	25° / 195°

*Engineered for Confidence.*



*Designed to Perform.©*

Water use only -  
 not intended for gas!

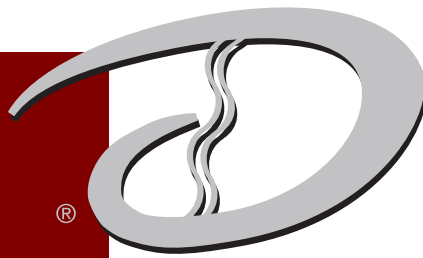


DURAFLEX, INC.™ | 765 INDUSTRIAL DRIVE, CARY, IL 60013  
 PH 877.462.1007 | FX 847.462.1450 | EM info@duraflexinc.com  
 www.duraflexinc.com | 24/7 EMERGENCY | 847.337.9459



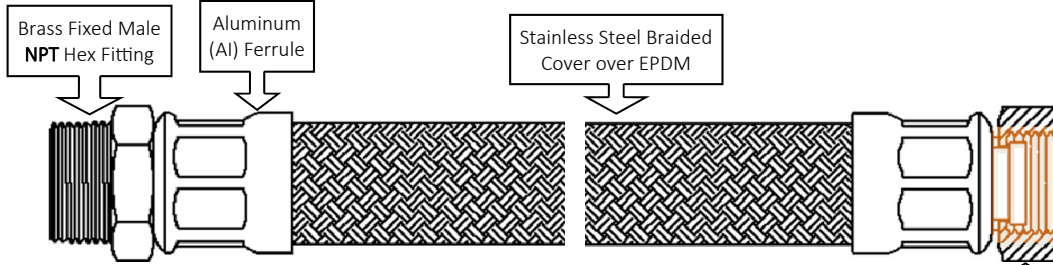
© Copyrights 2015 Duraflex, Inc.™ All rights reserved.



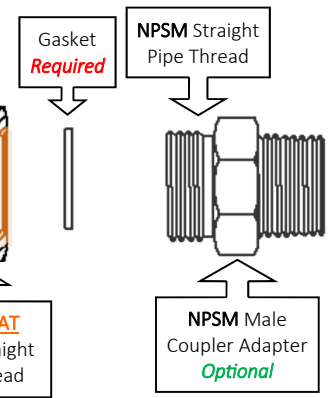


# HEAT PUMP BRAIDED HOSE ASSEMBLIES

## ▼ FIXED MALE NPT FITTING



## FEMALE GASKETED SWIVEL ▼



Size ID x L	Duraflex Part Numbers	Bend Radius	Working Pressure	Burst Pressure	Temp. °F
					Min/Max
½" x 12"	004-HPH-12	2"	350 PSI	1400 PSI	25° / 195°
½" x 18"	004-HPH-18	2"	350 PSI	1400 PSI	25° / 195°
½" x 24"	004-HPH-24	2"	350 PSI	1400 PSI	25° / 195°
½" x 30"	004-HPH-30	2"	350 PSI	1400 PSI	25° / 195°
½" x 36"	004-HPH-36	2"	350 PSI	1400 PSI	25° / 195°
½" x 48"	004-HPH-48	2"	350 PSI	1400 PSI	25° / 195°
¾" x 12"	006-HPH-12	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 18"	006-HPH-18	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 24"	006-HPH-24	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 30"	006-HPH-30	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 36"	006-HPH-36	3 ¼"	300 PSI	1200 PSI	25° / 195°
¾" x 48"	006-HPH-48	3 ¼"	300 PSI	1200 PSI	25° / 195°
1" x 12"	010-HPH-12	4"	225 PSI	900 PSI	25° / 195°
1" x 18"	010-HPH-18	4"	225 PSI	900 PSI	25° / 195°
1" x 24"	010-HPH-24	4"	225 PSI	900 PSI	25° / 195°
1" x 30"	010-HPH-30	4"	225 PSI	900 PSI	25° / 195°
1" x 36"	010-HPH-36	4"	225 PSI	900 PSI	25° / 195°
1" x 48"	010-HPH-48	4"	225 PSI	900 PSI	25° / 195°
1 ¼" x 12"	012-HPH-12	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 18"	012-HPH-18	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 24"	012-HPH-24	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 30"	012-HPH-30	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 36"	012-HPH-36	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ¼" x 48"	012-HPH-48	5 ¼"	200 PSI	800 PSI	25° / 195°
1 ½" x 12"	014-HPH-12	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 18"	014-HPH-18	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 24"	014-HPH-24	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 30"	014-HPH-30	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 36"	014-HPH-36	6 ½"	150 PSI	600 PSI	25° / 195°
1 ½" x 48"	014-HPH-48	6 ½"	150 PSI	600 PSI	25° / 195°
2" x 12"	020-HPH-12	8"	100 PSI	400 PSI	25° / 195°
2" x 18"	020-HPH-18	8"	100 PSI	400 PSI	25° / 195°
2" x 24"	020-HPH-24	8"	100 PSI	400 PSI	25° / 195°
2" x 30"	020-HPH-30	8"	100 PSI	400 PSI	25° / 195°
2" x 36"	020-HPH-36	8"	100 PSI	400 PSI	25° / 195°
2" x 48"	020-HPH-48	8"	100 PSI	400 PSI	25° / 195°

*Engineered for Confidence.*



*Designed to Perform.®*

Water use only -  
 not intended for gas!



DURAFLEX, INC.™ | 765 INDUSTRIAL DRIVE, CARY, IL 60013  
 PH 877.462.1007 | FX 847.462.1450 | EM info@duraflexinc.com  
 www.duraflexinc.com | 24/7 EMERGENCY | 847.337.9459



© Copyrights 2015 Duraflex, Inc.™ All rights reserved.

