


# H2 H3



## Hose Assemblies

Stainless steel braided hose

  
Engineering  
GREAT Solutions

# H2 H3

The fire-rated hose assembly has a braided stainless steel outer band with EPDM inner tube and brass or steel fittings. Hose is batch tested to 450 PSI.



## Key features

- > **Premium Grade EPDM**  
Provides maximum protection from ozone, weathering, heat and aging.
- > **Extreme Flexibility**  
Bend radius and kink resistance

## Technical description

### Application:

Heat Pumps

### Functions:

Flex Hose

### Dimensions:

1/2" - 2"

### Maximum working Pressure:

1/2" - 400# WSPI Static  
 3/4" - 400# WSPI Static  
 1" - 400# WSPI Static  
 1 1/4" - 300# WSPI Static  
 1 1/2" - 300# WSPI Static  
 2" - 300# WSPI Static

### Burst Pressure

	Actual
1/2" - 2000 PSI	2832
3/4" - 2000 PSI	2000
1" - 1600 PSI	1676
1 1/4" - 1200 PSI	1600
1 1/2" - 1200 PSI	1600
2" - 1100 PSI	1600

### Max. Temperature:

-40°F to +212°F (250° F Intermittent)

### Rating:

ASTM E 84-10 (EPDM)

### Material:

**Inner Core:** EPDM Ethylene Propylene Diene Monomer

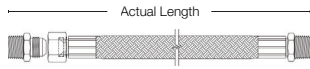
**Outer Braid:** Stainless Steel (AISI 302/304)

**Ferrule:** Stainless Steel 1/2" - 1"

Zinc Dichromate CS 1-1/4" - 2"

**Wetted Parts:** EPDM, Brass, Stainless JIC Zinc CS 1-1/4" - 2" I.D

## Articles



### Nominal Dimensions / Cv Rates

Size	Figure	*Standard Lengths	Shortest Length	Minimum Bend Radius	Shortest Length 90° Bend	Cv		
						2'	3'	Additional Foot
1/2"	A	12", 18", 24", 36"	6"	2"	12"	3.8	3.5	9.0
3/4"	A	12", 18", 24", 36"	8"	2-1/2"	12"	13.0	11.7	27.0
1"	A	12", 18", 24", 36"	9"	3"	15"	22.5	20.5	50.0
1 1/4"	A	24" or 36"	11"	*4-1/2"	15"	30.7	29.2	95.0
1 1/2"	A	24" or 36"	11"	*6"	18"	57.2	54.3	160.0
2"	A	24" or 36"	18"	*8-1/2"	24"	60.1	59.3	350.0

### Notes

\* Non-Standard lengths are "Special Order". Please consult factory for lead time and availability.

Hose size denotes ID of hose.

Cv calculation are based on straight hose.

All dimensions given are in inches and are subject to minor changes.

All hoses measured end to end.

Bend radius starts 1 1/2 times hose O.D. from the end of the ferrule.

### Warranty

"Limited Warranty" • 36 months - hoses and components (From the ship date to the Original User)

### Attention

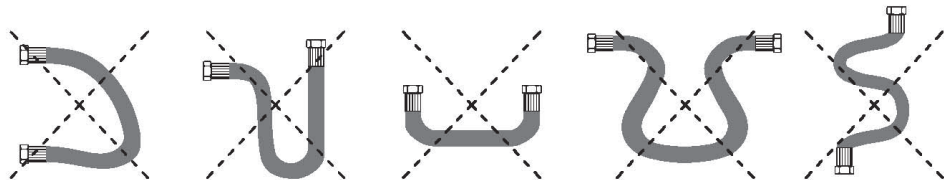
Hose is intended for static pressure applications. If system longevity is important, then hard piping should be used.

## Bend Radius

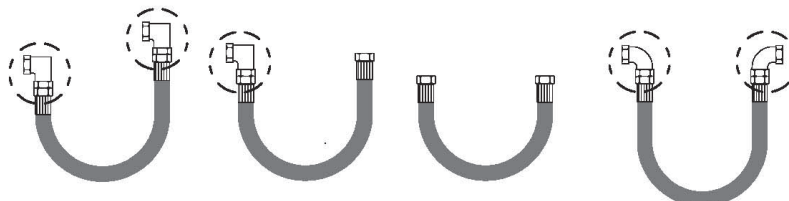
### Specifications

Hose Size	Minimum Bend Radius
1/2"	2"
3/4"	2 1/2"
1"	3"
1 1/4"	4"
1 1/2"	6"
2"	8 1/2"

WRONG



CORRECT



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## Model Order Designation

**Model Size**

1/2" H2 Shown

**H20050 x 24"**

**Lenth**

2 ft Shown

**S** = female sweat

**F** = female NPT

**M** = male NPT

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## Notes

