

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"

Pressure Class:

- 1/2" - 500# WSPI Static
- 3/4" - 500# WSPI Static
- 1" - 400# WSPI Static
- 1 1/4" - 300# WSPI Static
- 1 1/2" - 300# WSPI Static
- 2" - 300# WSPI Static

Max. Temperature:

40°F to +250° (400°F Intermittent)

Rating:

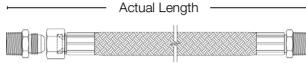
ASTM E 84-10 (EPDM)

Material:

- Inner Core:** EPDM (1/2" - 2")
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

Dimensions



Size	Figure	Actual Length	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"	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"	11"	8-1/2"	24"	60.1	59.3	350.0

Notes

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

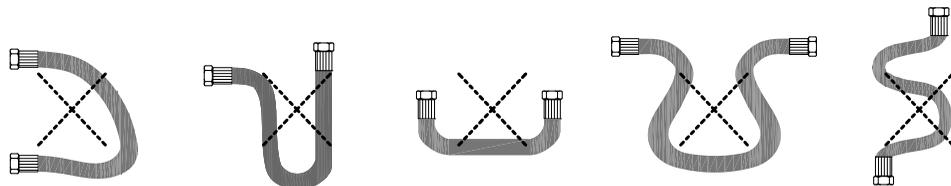
Hose is intended for static pressure applications. If system longevity is important, then hard piping should be used.

Bend Radius

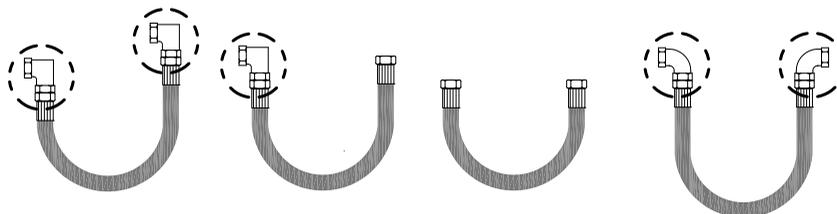
Specifications

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



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

Notes

