

H2 H3



Hose Assemblies
Stainless steel braided hose

H2 H3

The fire-rated hose assembly has a braided stainless steel outer band with EPDM inner tube and brass or steel fittings without any o-rings. 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:
HVAC Systems

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

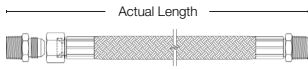
Max. Temperature:
-40°F to +212°F (250° F Intermittent)

Rating:
ASTM E 84-10 (EPDM)

Connections:
Fixed: Male NPT
Swivel: JIC x male adapter

Material:
Inner Core: EPDM Ethylene Propylene Diene Monomer
Outer Braid: Stainless Steel (AISI 302/304)
Ferrule: Stainless Steel 1/2" - 2"
Wetted Parts: EPDM, Brass, Stainless 1/2" - 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

Hose Diameter

Description	Diameter						
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	
H9 9" Hose Length	H9-050MM	H9-075MM	H9-100MM	H9-125MM	H9-150MM	H9-200MM	
H12 12" Hose Length	H12-050MM	H12-075MM	H12-100MM	H12-125MM	H12-150MM	H12-200MM	
H18 18" Hose Length	H18-050MM	H18-075MM	H18-100MM	H18-125MM	H18-150MM	H18-200MM	
H24 24" Hose Length	H24-050MM	H24-075MM	H24-100MM	H24-125MM	H24-150MM	H24-200MM	
H36 36" Hose Length	H36-050MM	H36-075MM	H36-100MM	H36-125MM	H36-150MM	H36-200MM	
H48 *48" Hose Length	H48-050MM	H48-075MM	H48-100MM	H48-125MM	H48-150MM	H48-200MM	
H60 *60" Hose Length	H60-050MM	H60-075MM	H60-100MM	H60-125MM	H60-150MM	H60-200MM	

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.

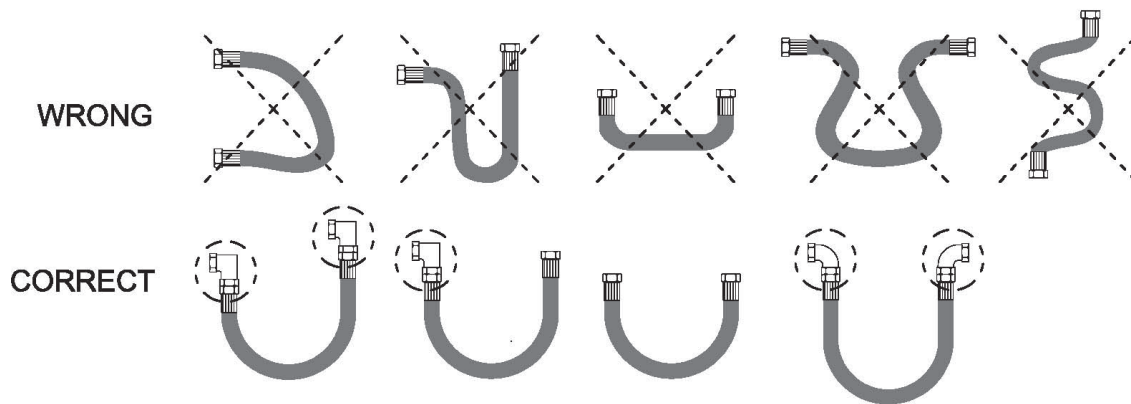
Warranty

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

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"



Model Order Designation

Model Size
1/2" H2 Shown

H20050 x 24"

Length
2 ft Shown

S = female sweat

F = female NPT

M = male NPT



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