


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.



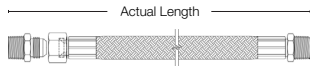
Key features

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

Technical description

Application: Heat Pumps	Burst Pressure 1/2" - 2000 PSI 3/4" - 2000 PSI 1" - 1600 PSI 1 1/4" - 1200 PSI 1 1/2" - 1200 PSI 2" - 1100 PSI	Actual 2832 2000 1676 1600 1600 1600	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
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	Max. Temperature: -40°F to +212°F (250° F Intermittent)	Rating: ASTM E 84-10 (EPDM)	

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

		Diameter					
Description		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.

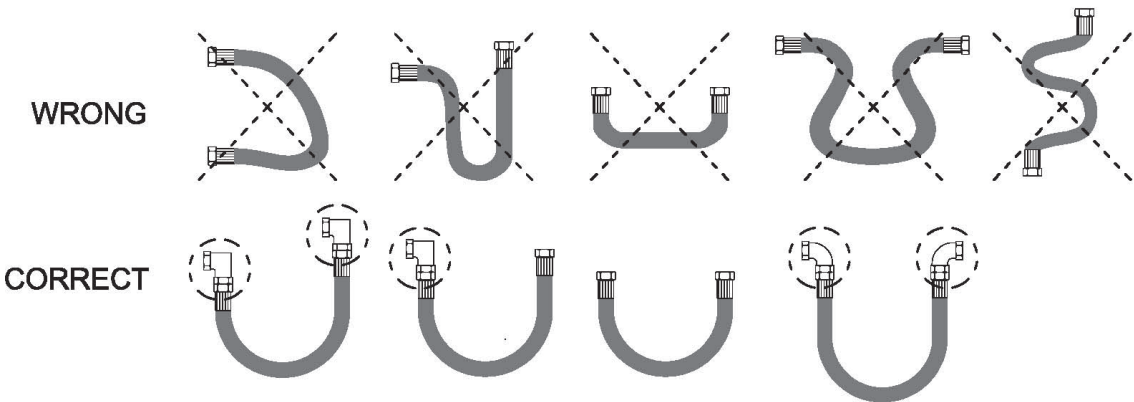
Bend radius starts 1 1/2 times hose O.D. from the end of the ferrule.

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"

Lenth
2 ft Shown

S = female sweat F = female NPT M = male NPT

