VJH SERIES

Vacuum Jacketed Hoses

SPECIFICATION

Description

Vacuum jacketed hoses eliminate frost and ice build up compared to non-vacuum jacketed hoses. They are more expense than their non VJ hoses but they pay for themselves over time with the significant reduction of cryogenic liquid loss.

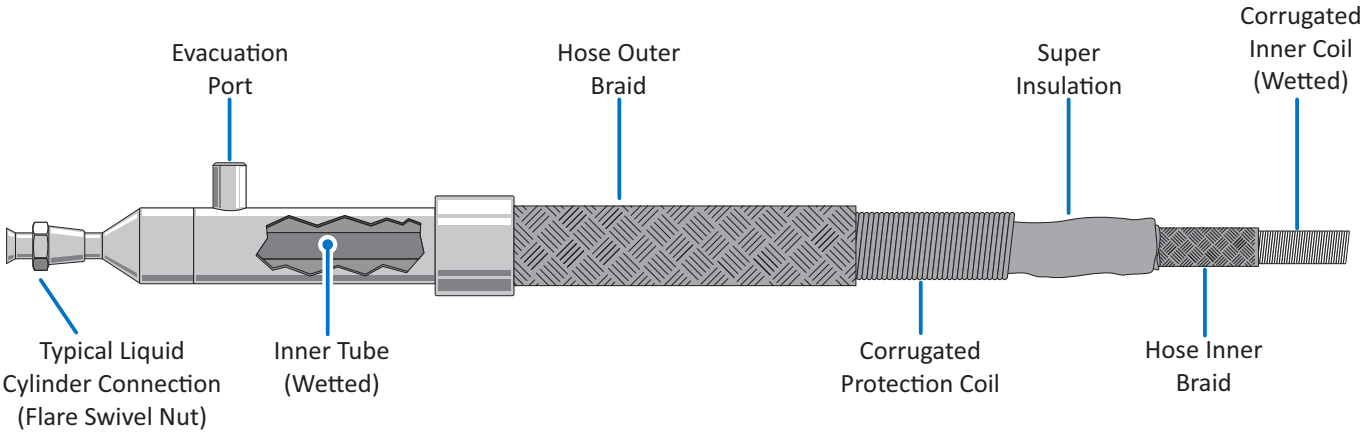
VJ hoses are not only used to transfer cryogenic liquid at the point of use. They are also used to provide extra flexibility around tight spaces. Hose flexibility is achieved via the SuperFlex bellow core.

Our vacuum jacketed hoses are rated for temperature down to -320°F. Once the high vacuum is pulled at the factory. Chemical getters are installed and multiple layers of super-insulation helps to retain high vacuum for extended amounts of time.

Materials	
Braid	Type 304 Stainless Steel
Corrugated Inner Core	Type 304 Stainless Steel
End Fittings	Type 304 Stainless Steel
Internal Bellows	Type 321 Stainless Steel

Technical Specifications				
Inside Diameter (Wetted)	**Outside Hose (Jacket) Diameter**	**Maximum Working Pressure**	**Bend Radius - Dynamic -**	**Bend Radius - Static -**
3/8”	1.44”	150 psig	8”	3”
1/2”	1.79”	150 psig	9”	4”

Description



Length

Ordering Information

SSH – A – B – C – D – E – F

C: Inlet
D: Outlet

BeaconMedaes Vacuum Jacketed Hose Parent Model Number Chart			
Variable	**Definition**	**Value**	**Description**
A	Fluid Service	CGA 295 CGA 440 CGA295	Liquid Argon Liquid Nitrogen Liquid Oxygen
B	Hose Diameter	3/8” 1/2”	3/8” Inner Core 1/2” Inner Core
C & D	Inlet & Outlet Connection	FSN FMA FNPT MNPT	Flare Swivel Nut (Liquid Cylinder Connection) Flare Male Adaptor NPT Female NPT Male
E	Hose Length	Inscribe	Hose length in Inches
F	Option	CFOS	Cleaned for Oxygen Service

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