

## Stainless Steel Hose

### Vacuum Jacketed Pipes (VJP)

**Construction:** Coaxial stainless steel pipe
















**Profile:** Combination smooth inner pipe with convoluted bellow

**Tube Available:** 304 / 316 Stainless Steel

**Cover options:** Radiation Shield

**Size Available:** 3/4" - 3"

(Larger sizes upon Request)

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

#### Construction

Engineered as modular sections, these stainless steel coaxial vacuum insulated piping spools are joined together with close tolerance bayonet connections, forming a complete cryogenic transfer system. Each section is evacuated, sealed and tested for vacuum integrity to ensure minimal heat gain.

Vacuum Jacketed Pipes (VJP) come with internal bellows at required intervals to serve as thermal expansion compensators according to EJMA calculation. The pipe comes with smooth inner bore to minimize pressure drop and improve flow characteristics. Installation for VJP can be done easily both indoor and outdoor, by incorporating flexible sections strategically to offset misalignments. VJP offers a complete line of components including in-line venting devices, phase separators and gas traps to maximize the cryogenic system performance.



#### Specifications

Part Number	Inner pipe Dia (mm)	Outer Jacket Pipe Dia (mm)	Actual internal flow Dia (mm)	Hole Required to Accommodate Pump Out (mm)	Bayonet Clamp OD (mm)
VJP-5T	19.05	60.3	16.6	100	51
VJP-5P	21.3	60.3	18	100	65
VJP-10T	29	73	26.6	120	65
VJP-10P	33.4	88.9	30	120	78
VJP-15P	48.3	101.6	45	150	91
VJP-20P	60.3	101.6	57	180	120
VJP-30P	88.9	141.3	85	200	145

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STAINLESS STEEL HOSE