

# SuperFlex<sup>®</sup> VJ Hose

## Advantages of Acme Cryogenics' SuperFlex<sup>®</sup> VJ Hose

- Stays warm during operation
- Remains flexible during and after filling
- Armor flex construction for increased durability
- Eliminates frost and sweating for cleaner operation
- Reduced LN<sub>2</sub> consumption

## SuperFlex<sup>®</sup> VJ Hose Applications

- Liquid Cylinder Filling
- Freezer Filling
- Cryogenic Dewar Filling
- Laboratories
- Equipment Connections

## Quality Assurance

Our commitment to quality shows in everything we do. From our strict manufacturing standards to our custom engineering and innovative design capabilities, Acme Cryogenics is the Quality Leader.



# Payback Calculation

How much money can you save when you feed your equipment with a QC SuperFlex® Hose?

	Hours Used Per Day	Cost Per Day <sup>(1)</sup>	Cost Per Year <sup>(2)</sup>
6 ft. Standard Transfer Hose	8	\$8.25	\$2,145.00
6 ft. QC SuperFlex® Hose	8	\$0.07	\$ 18.00
<b>You Save</b>			<b>\$2,127.00</b>
6 ft. Standard Transfer Hose	24	\$24.75	\$6,435.00
6 ft. QC SuperFlex® Hose	24	\$0.21	\$ 54.60
<b>You Save</b>			<b>\$6,380.40</b>

(1) 6 foot flex hose with no insulation for LN<sub>2</sub> service @ \$1.00 per gallon

(2) 8 or 24 hours per day, 5 days a week, 52 weeks per year

These calculations exclude the heat loss at the non-insulated ends of the hose, at tank and equipment connections.

## Specifications

Size	3/8" ID x 1 1/2" OD <small>(Inner Hose) (Outside of Armor Flex)</small>	1/2" ID x 1 7/8" OD <small>(Inner Hose) (Outside of Armor Flex)</small>
Pressure Rating	150 psi	100 psi
Material	304 SS with Vacuum Superinsulation	304 SS with Vacuum Superinsulation
Minimum Bend Radius	4 1/2"	6"
Length	3' through 25' std <small>(Other custom configurations available)</small>	3' through 25' std <small>(Other custom configurations available)</small>
End Connections	as needed	as needed

Not for use with oxygen.

## End Connections



**1/2" Flare Nut  
(Std LN<sub>2</sub>  
Connection)**



**Male Pipe  
Thread**



**Female  
Pipe  
Thread**

Other customer specified ends are available.

## Optional Accessories



**Relief Valve**



**Relief Valve Assembly**



**Phase Separators**