

## COBRALEX® Liquid Nitrogen Hose

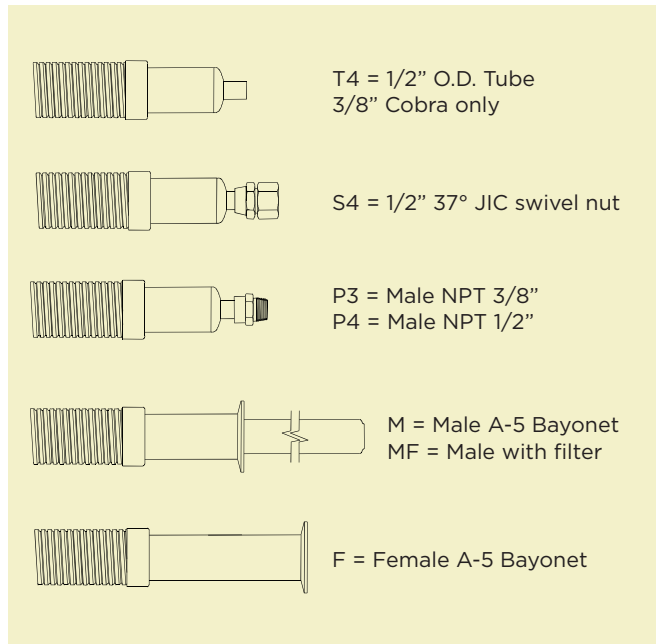
**COBRALEX® sealed vacuum LN<sub>2</sub> flexible hose eliminates frost, moisture and ice ball problems commonly associated with foam insulated lines. COBRALEX® can be combined with SEMIFLEX® plant piping systems to provide efficient connections to use points.**

### **COBRALEX® materials and construction methods**

- Fabricated from 300 series Stainless Steel with a highly flexible outer spiral wrap
- Multiple layers of super-insulation are applied to achieve the lowest possible heat loss
- Every hose is helium leak tested to ensure its vacuum integrity
- To achieve the longest service life in the industry every hose is heat soaked during evacuation and is equipped with chemical getters
- Fabrication techniques from welding to insulating are unmatched by any other manufacturer to ensure years of efficient and safe use

## COBRAFLEX design specifications

	Size 3/8"	Size 5/8"	
Inside diameter	inches	0.43	0.63
	mm	11	16
Outside diameter	inches	1.54	1.90
	mm	39	48
Design pressure	PSI	175	175
	bars	12	12
Weight	lbs per foot	0.8	1.0
	kg per meter	1.2	1.6
Minimum Bend Radius	inches	5.5	8
	cm	14	20
Flow rate	Consult factory		



### Ordering information required: Length and end connections

Typical ordering number shows a hose assembly with 3/8" Male NPT on one end and 1/2" 45° JIC swivel nut on the other end and 10' - 0" in length

→ **3 - P3 - S4 - 10**

Hose ID 3/8" - 3  
5/8" - 5

T4 = 1/2" O.D. Tube - 3/8" Cobra only  
T6 = 3/4" O.D. Tube - 5/8" Cobra only  
P3 = Male NPT 3/8"  
P4 = Male NPT 1/2"  
S4 = 1/2" 37° JIC swivel nut  
M = Male A-5 Bayonet  
MF = Male with filter  
F = Female A-5 Bayonet

Overall length in feet  
4' - 10', 2' increments in stock  
Consult factory for all other length requirements

