

COBRALEX® Liquid Nitrogen Hose

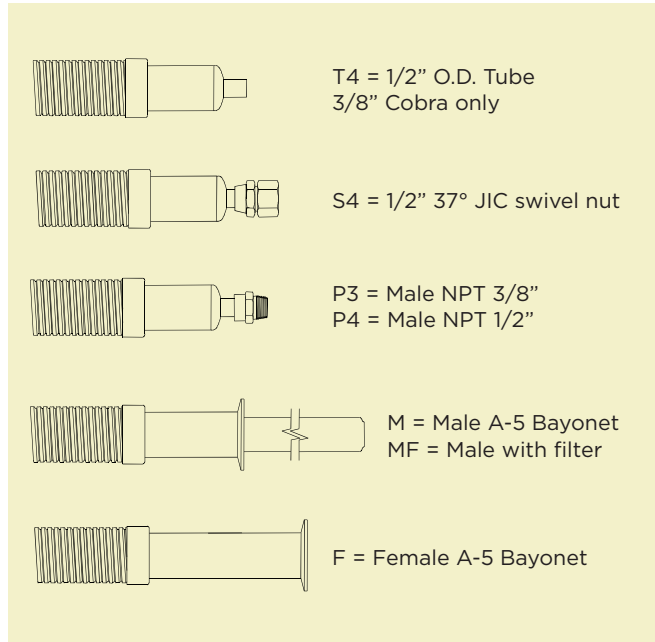
COBRALEX® sealed vacuum LN₂ flexible hose eliminates frost, moisture and ice ball problems commonly associated with foam insulated lines. COBRALEX® can be combined with SEMIFLEX® plant piping systems to provide efficient connections to use points.

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	0.43	0.63
	11	16
Outside diameter	1.54	1.90
	39	48
Design pressure	175	175
	12	12
Weight	0.8	1.0
	1.2	1.6
Minimum Bend Radius	5.5	8
	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

