



CAM Vacuum Insulated Cryogenic Flex Lines

- The most efficient way of transferring liquid cryogenics -



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Vacuum Insulated Cryogenic Flex Lines

“efficient, flexible, and safe method to provide liquid cryogenic where it is required”

Key Advantages:

- + Outer flex section remains ambient—no personnel hazard, safe to touch
- + Super insulated vacuum lines ensure the highest quality liquid cryogen is delivered to the use point
- + Improved Productivity—reduced cooling time and faster delivery of liquid cryogen to the use point, due to rapid hose cool down
- + Lower Cryogen Consumption—save money
- + All ends are polished to a high luster finish
- + Fabricated from 300 series Stainless Steel with a highly flexible outer spiral wrap + superflex braid
- + Can be combined with plant piping systems to provide efficient connections to usepoint
- + Can be supplied in kit form for installation by local labour
- + Every hose is leak tested and cold shocked to ensure its vacuum integrity
- + Each hose is sealed under vacuum with a combination seal
- + Small outer diameter in comparison to equivalent lagged lines



Specifications:

Lengths (in m): 1/ 2/ 3/ 5/ 10/ 20

End Connections: UNF 3/4" - 16 or NPT 1/2" or NPT 3/8"

—> Plain tube ends and other fittings are available on request

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“undemanding systems that deliver the best of results”

General Information:

Cryoandmore's **Super Insulated Vacuum Lines** are the perfect solution for applications requiring the safe and efficient transfer of liquid nitrogen or other cryogenics. Anywhere that cryogenic liquids are used in processing vacuum jacketed transfer hoses can ensure the highest quality liquid is delivered to the use point.

Vacuum insulated Flex Lines are currently used in the following industries:

- Laboratory, Biotechnology, Medical, Pharmaceutical
- Electronic and Semiconductor
- Aerospace and Industrial
- Food and Beverage

Maintenance:

A maintenance check is advised every 12 months on all cryogenic equipment. Cryoandmore offers a choice of site based maintenance contracts and will refurbish/upgrade products.

IMPROVE QUALITY AND PRODUCTIVITY



Options and Accessories:

- ◆ Integrated vacuum jacketed Tees and Elbows
- ◆ Vacuum jacketed shut-off valve
- ◆ Bayonet connections
- ◆ Sintered metal diffusers (phase separators)
- ◆ Pressure relief valve assemblies
- ◆ Other fittings and lengths



Denise Fröhlich

Sales

Cryoandmore Budzylek GbR

Fuggerstraße 9a

41468 Neuss

 + 49 (0) 2131 – 66 46 339

 + 49 (0) 2131 – 66 46 341

 denise@cryoandmore.de

ALWAYS AT YOUR SERVICE



www.cryoandmore.de