



Insulon Safe Dispensing Hose with Phase Separator

Improve safety by minimizing frost and condensation build-up in cryogenic dispensing applications with Insulon Safe Dispensing Hose. This assembly includes Insulon Vacuum Jacketed Hose, Low Pressure (LP), 1/2" ID with CGA-295 brass end fittings and a phase separator. Available in additional lengths including 4 feet, 6 feet, 10 feet, and 20 feet. Ideal for cryogenic dispensing applications including liquid nitrogen, oxygen, hydrogen, argon, carbon dioxide, and others.

- Safer for cryogenic dispensing than non-insulated cryogenic hoses
- Smaller outer diameter than other vacuum jacketed hoses
- No pump-down maintenance
- High performance thermal insulation with Insulon vacuum technology
- 316L stainless steel

Request quote for pricing

Discounts available for large quantity orders



Cryogenic, non-insulated hose

Insulon Safe Dispensing Hose

Description

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Smaller outer diameter: Without multi-layer insulation (MLI), Insulon Hose LP typically has a [smaller outer diameter](#) than other vacuum jacketed hoses. Insulon Safe Dispensing Hoses combine ease of movement with protective vacuum insulation, offering a safe and functional solution for a critical dispensing applications.

No pump-down maintenance: Insulon vacuum jacketed hoses [do not require pump down maintenance](#).

Learn more about [safer dispensing of cryogenic fluids with compact vacuum jacketed hoses](#) →

Technical Specifications

Inner Diameter (ID)	1/2 in.
Outer Diameter (OD)	1.27 in.
Hose Length	2 to 65 ft.
Dynamic Bend Radius	7.5 in.
Material	316L stainless steel
Pressure	Low Pressure
Maximum Allowable Working Pressure (MAWP)*	72 psi (-270 to 21°C)
End Fittings	CGA-295 Brass, Phase Separator