

Flexible Liquid Nitrogen Transfer Hoses

Techflex Vacuum Insulated Hoses

The Performance You Want, With The Safety You Need



Safer to use

- Hazardous ice & dripping water is eliminated, increasing safety.
- Outer surface is safe to the touch, even when used with liquid helium.

Delivered When You Need It

- Standard lengths and end fittings are maintained in-stock for quick delivery.
- Custom configurations can often be made using in-stock products.

Lower Nitrogen Consumption Saves You Money

- The most thermally efficient transfer hoses available, Techflex reduces cryogen losses.
- Lightweight, thin walled construction reduces LN2 cooldown losses

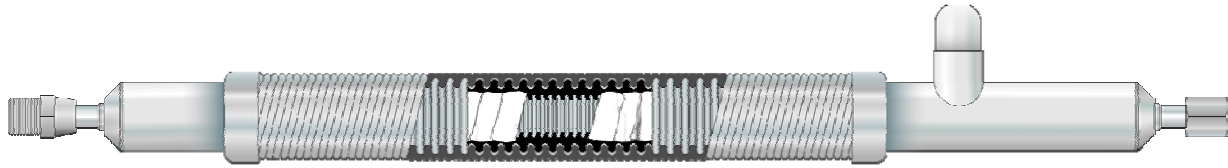
Improved Productivity

- Higher quality liquid with lower gas content at the point of use improves equipment efficiency.
- Rapid hose cooldown reduces cooling time and speeds liquid cryogen delivery to the use point.



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Manufacturers of Cryogenic Equipment
We Know Cryo®

Flexible Liquid Nitrogen Transfer Hoses



Specifications

Inside Diameter	Outside Diameter	Minimum Bend Radius	MAWP in PSI (bar)
1/4" ¹	1 3/8" (3.5 cm)	5" (13 cm)	150 (10.3)
3/8" ¹	1 5/8" (4.1 cm)	6" (15 cm)	150 (10.3)
1/2" ¹	2" (5.1 cm)	7" (18 cm)	150 (10.3)
3/4"	3" (7.6 cm)	8" (20 cm)	150 (10.3)
1"	3" (7.6 cm)	14" (36 cm)	150 (10.3)
1-1/2"	4" (10 cm)	19" (48 cm)	150 (10.3)
2"	5.1" (13 cm)	27" (69 cm)	150 (10.3)

¹Standard lengths of 4', 6', 8', 10', 12' are kept in stock. Standard fittings are 1/2" JIC (CGA-295 compatible), 1/2" MPT, and plain tube ends.

All other fittings and lengths are available by request.

Options and Accessories

- Integrated vacuum jacketed Tees and Elbows
- Vacuum jacketed shut-off valves
- Bayonet connections
- Sintered metal diffusers (phase separators)
- Pressure relief valve assemblies
- High pressure ratings available upon request.



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