**Transfer Lines**

**Nitrogen Transfer Lines:**
- Vacuum Insulated
- Foam Insulated
- Rigid
- Flexible

**Helium Transfer Lines:**
- Flexible
- Rigid (one piece)
- Rigid Bayonet
Cryo Industries offers many versions of the Liquid Helium Transfer Lines. The two most common Liquid Helium Transfer Lines are:

**Compact Flexible Liquid Helium Transfer Line**

Per customers' requests, we are manufacturing a compact version of the standard liquid helium transfer line. A rugged, yet, very easy to handle performance by design system. Dimensions optimized for use by one person.

The model HTL-438A-B2 features high efficiency, convenient double right angle design, flexible stainless steel vacuum jacket, bellows type evacuation valve, safety pressure relief and a pair of 12” long removable tips.

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<tbody>
<tr>
<td>Storage dewar (upstream) leg length</td>
<td>48” (1219 mm)</td>
</tr>
<tr>
<td>Cryostat leg (downstream) length</td>
<td>30” (762 mm)</td>
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<tr>
<td>Flex Length</td>
<td>45” (1143 mm)</td>
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<tr>
<td>Delivery</td>
<td>Immediate-From Stock</td>
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Safe and Reliable - CRYO transfer lines have safety over-pressure reliefs and bellows type vacuum valves.

**Standard Flexible Liquid Helium Transfer Line**

The model HTL-438A-B2-M60 features high efficiency, double right angle design, longer flexible stainless steel vacuum jacket, bellows type evacuation valve, safety pressure relief and a pair of 12” long removable extension tips.

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<td>60” (1524 mm)</td>
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Option

Helium level indicator - built into the storage dewar leg - provides continuous readout of liquid helium level remaining in the storage dewar. Digital readout with ‘sample and hold’ feature.

Vacuum insulation is maintained for the full length of the transfer line leg! Other systems compromise efficiency in order to fit the level probe.

Liquid Nitrogen Stainless Steel Transfer Lines are available - foam or vacuum insulated

Liquid Helium and Liquid Nitrogen Flexible Transfer Lines can be customized to your exact specifications: long flex lengths, two piece bayonet styles, flow control valves.

Liquid Helium Transfer Lines

Standard LHe Flex Transfer Line

Model: HTL-438A-B2-M60

www.cryoindustries.com
This model is available in four different styles:
- Flow control valve (shown)
- Inline flow control valve
- Mini Bayonet
- 2 Piece line

Model: HTL-313-BBR

NOTE: Normally for use with Models RC151 and RC152 cryogenic workstations.