



Mustang Sampling[®]

Mustang[®] Vacuum Jacketed Tubing

VJT[®]

Mustang[®] Vacuum Jacketed Tubing prevents pre-vaporization from Liquefied Natural Gas (LNG) and Natural Gas Liquid (NGL) samples as they travel to the vaporizer ensuring an Analytically Accurate[®] Sample.



APPLICATION

This highly efficient design of the Mustang Vacuum Jacketed tubing utilizes multilayered material within a vacuum-sealed space for efficient insulation of the inner liquid transfer line.

Non-conductive spacers are utilized for the inner line which reduces heat transfer. This flexible stainless steel tubing is custom-designed to meet individual project needs for inner pipe size and overall length. Flow and various application requirements are considered with each engineered unit for continuity of quality.



LNG



NGL

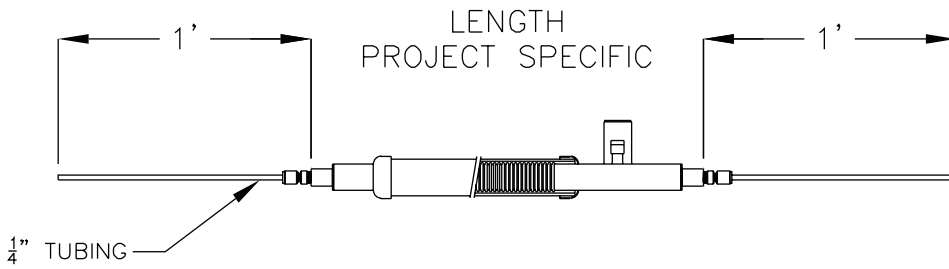
FEATURES

- Multi-layered insulation
- Non-conductive spacers
- Flexible stainless steel tubing
- Patented gas-line probe adapter for connecting vacuum jacketed tubing

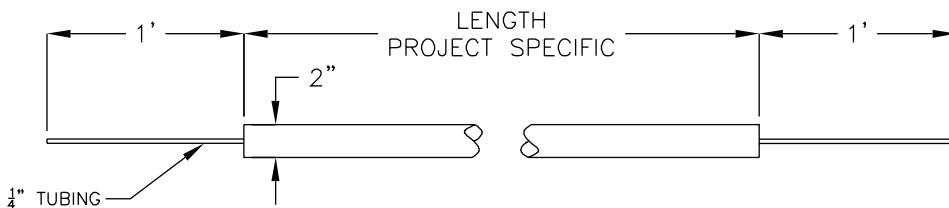
BENEFITS

- Prevents pre-vaporization
- More efficient than conventional insulated lines
- Maintenance-free

PRODUCT DIMENSIONS



Front View - Mustang® Vacuum Jacketed Tubing (Flexible)

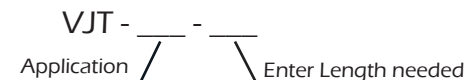


Front View - Mustang® Vacuum Jacketed Tubing (Rigid)

PRODUCT SPECIFICATIONS

Maximum allowable working pressure	6000 psig (408 bar) @ -360°F (-218°C)
Application	LNG Inner Line 1/8" ODT x .028W A269-304SS or 316SS (Flow restricted design)
	NGL Inner Line 1/4" ODT x .065W A269-304SS or 316SS (Flow restricted design)
Maximum Length	7 Meters
Outer Jacket	2" ODT x .065W A269-304SS
Insulation	Multi-layered Super Insulation plus full vacuum
Tests	Helium Leak Test Entire Assembly for a maximum leak rate of 1×10^{-8} CC/Sec.
Wetted materials	316SS

Use the bold alpha-numeric characters from the table above to build your model number:



Analytically Accurate®
TECHNOLOGY

About Mustang Sampling

Mustang Sampling, LLC is the innovator of Analytically Accurate® solutions within sample conditioning systems. We provide custom solutions of products and services globally to the Natural Gas, Natural Gas Liquids (NGL), and Liquefied Natural Gas (LNG) industries. Mustang Sampling continues to pioneer integrated control systems, allowing our customers to maintain phase stability from sample extraction at the source through sample analysis. Our products are continuously improved and subjected to the highest quality standards which provides our customers with the best sample conditioning solutions.

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