+1 (561) 320-9995
conceptgroupllc.com

# How are Insulon hoses different from other vacuum jacketed hoses?

For years, cryogenic fluid systems have relied on vacuum jacketed hoses for unparalleled thermal insulation performance in extreme environments. Now, high temperature fluid transfer systems can also access this technology. Insulon vacuum jacketed hoses operate in applications ranging from -270 to 900 C (-454 to 1652 F).

Additional benefits include a compact design and small outer diameters, flexibility with low springback to reduce stress on joins and connections, and lots of options. Select from high pressure and low pressure hoses, with the option to include multi-layer insulation (MLI). Diameters include 1/4", 1/2", 3/4", and 1" ID. Lengths from 2 to 60 feet.

| | Other Vacuum Jacketed Hoses | Insulon Vacuum Jacketed Hoses |
|---|---|---|
| **Cryogenic insulation performance** | ✔ | ✔ |
| **High temperature insulation performance** | - | ✔ |
| **Compact design (Smaller outer diameter)** | - | ✔ |
| **Multi-layer insulation (MLI) reduces radiation** | ✔ | ✔ |
| **Option to exclude multi-layer insulation (MLI) to reduce cost** | - | ✔ |
| **Suitable for high pressure applications** | ✔ | ✔ |
| **Reduce cost with low pressure option** | - | ✔ |
| **No pump down maintenance** | - | ✔ |