

HOSE MASTER

High Pressure Gas Turbine Supply Lines

Handling Pressure Without a Problem

The new kid on the block isn't so new anymore. Widespread technologies in drilling for natural gas have changed the market in a big way in the power generation industry. Once reserved for more remote or smaller generation stations, the numerous benefits of natural gas-fired plants have taken the decreased fuel costs and increased supply and run away with the marketplace. This shift has led to the construction of both grassroots plants and fuel conversion retrofits that increased the number of large gas turbines in operation. All these turbines need fuel, and Hose Master has created a way to deliver high pressure natural gas to these turbines, with our triple and quad-braided PressureMax HP hose assemblies.

The loud, hot, vibrating area under the turbine is where the fuel supply lines live. Because of the vibration a hard-piped connection to the turbine can be problematic, so a flexible connection is used. Extreme temperatures, pressures, and flow velocities seen in this environment make metal hose the ideal choice. Hose Master has engineered a flexible solution that combats all of these variables to ensure safe, reliable operation between shutdowns.

FEATURES:

- Available in 3" & 4" up to 1200 psi
- ASME IX fabrication coupled with unique fitting attachment techniques provide superb assembly integrity
- Heavy-wall stainless inner core will not permit gas diffusion
- Superior physical resistance to permeation and puncture
- Fire-safe and will not bake, crack, or lose flexibility other hose types
- Proprietary forming methods result in highly flexible hose to fit any application
- Accessories available including insulating jacket, stainless armor guard & internal stainless liner

BENEFITS:

- **Temperature Resistance.** 100% stainless steel construction ensures the best heat resistance
- **Pressure Resistance.** Specially-designed construction for ultra-high-pressure applications
- **Safety.** Permeation resistance & fire safety offer integrity and security in service
- **Service Life.** Heavy-wall hose that's truly flexible

Hose Master is a Service and Engineering Company

As the leading North American manufacturer of metal hose and expansion joints, Hose Master has grown through product innovation to define the industry standard. We do this by designing and building our own equipment to meet the most stringent requirements in an ever more demanding marketplace.

Our engineering expertise stems from a combination of long-standing industry field experience and 10% of our total workforce being devoted to research and development. But our primary driver to change and improve our organization has always been service to our customers.

By expanding our national presence to include three additional manufacturing satellites to support our extensive outside sales force, and increasing our fabricating footprint by employing and training our 100+ ASME IX welders, we are able to provide premium fabricating and sales service across the country.

Selecting the proper hose and assembly components is crucial. You must ensure each assembly is designed specifically for your intended purpose and operating conditions. Please consult our website or Inside Sales for assistance.