

HOSE MASTER

Gas Turbine Burner Hoses

Delivering Fuel, Safety & Reliability

Gas-fired turbines are one of the best options around when it comes to power generation, so it's no surprise that they're also one of the most prevalent. Manufactured for either portable or stationary generation, with quick startup and shutdown times and efficient fuel usage they're an attractive option for generating power almost anywhere. But generating power by burning gas is a critical operation that creates heat, and keeping the heart of the turbine whirring requires the surrounding components to survive in a demanding environment. Regardless of the footprint and location of the turbine, Hose Master's engineered metal hose assemblies are trusted to bring the safety and reliability that are paramount to this application.

Turbine gas burner hoses live at ground-zero. Operating only inches away from the combustion chamber, these hoses supply the steady stream of fuel gas to the turbine. There are often as many as twenty small hose assemblies arranged around the turbine manifold, all working together to distribute the fuel in the extreme ambient heat. Temperature, coupled with vibration concerns make using a flexible metal hose ideal in this application, and Hose Master provides a solution that meets these high expectations to help ensure continuous operation between shutdowns.

FEATURES:

- Proprietary manufacturing methods provide superior service life and highly flexible metal hose
- ASME IX fabrication coupled with unique fitting attachment techniques provide superb assembly integrity
- Fire-safe and will not bake, crack, or lose flexibility like other hoses
- Stainless steel hose core will not permit gas effusion like other materials
- Superior physical resistance to permeation and puncture
- Accessories available including insulating jacket, stainless armor guard & internal stainless liner
- Machine-braided hose ensures the best fit and braid coverage
- Precision braid packages utilize a larger number of smaller wires to increase hose life

BENEFITS:

- **Temperature Resistance.** 100% stainless steel construction ensures the best heat resistance
- **Safety.** Permeation resistance and fire safety offer integrity and security in service
- **Service Life**. Highly flexible hose maximizes cycle life and guards against premature failure

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.