

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



Liverpool Location ISO 9001:2015 Certified QMS by Intertek

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