

HOSE MASTER

Basic Oxygen Furnace Lances

Definition of Critical Service

The steelmaking industry has been a staple of the American economy for generations, and paramount in its role is the development and industrialization of our nation. At the heart of the industry lies the BOF; a prominent technological advancement for making large heats of fresh steel that is still widely used today. And atop the furnace hangs the oxygen lance, the instrument of BOF steelmaking. Oxygen lance hoses see some of the most critical conditions of any hose when in service, and Hose Master has perfected their design and construction.

Our lance hose construction has been carefully engineered and tailored to the application through years of experience. Our Masterflex hose is manufactured using a proprietary forming technology which gives it a tighter allowable bend radius and ease of flexibility; this translates into a safer, more pliable hose with increased service life.

FEATURES:

- Full size range of product from 1/4” to 12” inner diameter
- Internal liner to protect the hose from turbulence and high velocities seen in oxygen lances
- External guard to shield the assembly from molten slag and high ambient temperatures
- Machine-braided hose for the best fit and braid coverage
- ASME IX certified welders and on-site certified welding inspector ensures highest quality fabrication
- Highly flexible hose simplifies shipping, reducing freight and storage costs

BENEFITS:

- **Temperature Resistance.** 100% stainless steel construction offers the best resistance to extreme temperatures
- **Reliability.** In-house manufacturing and assembly of the guard, hose, braid, and liner ensures an optimal fit, fewer leak points and greater reliability
- **Long Service Life.** Proprietary braid and fitting attachment techniques create stronger welds and longer lasting assemblies
- **Ease of Use.** Hose Master’s Masterflex product has a tighter bend radius and allows for easier movement and optimal storage solutions

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.