

Basic Oxygen Furnace Lances

Hose Master's Oxygen Lance Hoses

Definition of Critical Service:

The steel mill is among the most hazardous and rugged environments in industry. Just about every hurdle you can imagine is working against the plant: extremely high heat, molten slag, vibration, corrosive fumes, chemicals, and particulate from ash and dust. To top it all off, the high expectation of plant reliability makes these elements even more critical, because unplanned downtime is so costly it can threaten the livelihood of the mill. All facets of the plant have to be made to address these issues cohesively, no matter how big or small, from the thundering electric arc furnace down to the water cooling hoses.

Fresh cooling water supply is essential for the survival of the mill. Without it, any part of the steelmaking process could be hampered, damaged or shut down due to the extreme temperatures. Because of this, every one of our water cooling hose assemblies is designed to take the heat while combating the most extreme environments in steel mills. Whether it's in the scorching ambient heat above the caster, or burning below the belly of the furnace, Hose Master's metal hoses provide the ultimate combination of performance and reliability.

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



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Liverpool Location ISO 9001:2015 Certified QMS by Intertek

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