

# Steel Mill Water Cooling Hoses



**Delivering Fresh Cooling Water Supply**

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.

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

## Features:

- Flexible connections provide piping relief from vibration & allow moving parts to receive a steady flow of cooling water while in service (furnace roof, mold oscillator etc.)
- Full size range of domestic-manufactured product from ¼" to 12" inner diameter
- Fire-safe and will not bake or crack like other hose types
- Short collars and direct-attach end fittings grant maximum live-length for the hose
- Proprietary forming methods result in highly flexible metal hose
- Metal hose construction prevents catastrophic failure (slow pinhole leak vs bursting)
- Accessories available include insulating jackets & stainless armor guards for additional protection from molten slag & ambient heat

## Benefits:

- **Temperature Resistance.** 100% stainless steel construction in various alloys ensures toughest heat resistance in the industry
- **Reliability.** Hoses are manufactured and tested to the highest standards in the industry to prevent unplanned maintenance
- **Corrosion Resistance.** Properly designed assemblies are protected from ambient steam that carries chemicals and particulates from cooled components
- **Long Service Life.** Proprietary manufacturing methods and high quality engineering result in hose assemblies that stand the test of time



**Liverpool Location ISO 9001:2015 Certified QMS by Intertek**

Click for directions:

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Liverpool, NY 13088  
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**Great Lakes Region**  
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