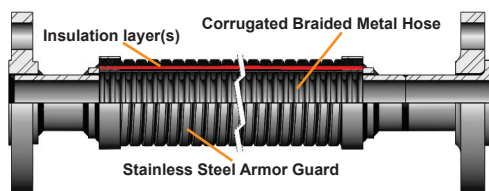




## Insulated and Armored Metal Hose

### Hose Master's Insulated and Armored Metal Hose

Flexible hoses in steelmaking operations must withstand a wide range of medias, pressures, and movements while being installed in some of the most demanding environments. Applications on and around coke oven batteries, furnaces, casters, and hot strip mills can subject hoses to external temperature extremes as well as contact with hot coke, molten splash, and slag. It is vital that the hose and the media being conveyed are protected during all phases of production, so no standard hose construction will do.



Specially designed for high-heat environments, these rugged assemblies incorporate insulation underneath a stainless steel armor guard for superior resistance to external damage from impact, molten splash, etc. The hose, insulation, and armor can all be customized to handle the harshest applications.

#### FEATURES:

- Standard fiberglass insulation rated to 1000° F, hose rated to 1200° F.
- Multiple plies of insulation and alternate insulation materials available: contact us with specific requirements
- Weighs less than armored rubber hoses with swaged end fittings
- High-pressure versions are available for hydraulic systems and grease lines
- Can be made using various alloys for superior corrosion resistance
- Assemblies are available cleaned and degreased with sealed ends for oxygen service
- All assemblies fabricated in accordance with ASME B&PVC Section IX requirements

#### BENEFITS:

- Corrugated metal hose interior will not kink or collapse
- Resistant to high-heat environments and direct flame exposure
- Protects fluids from thermal breakdown or flashing
- Prevents damage from hot coke falling on the assembly
- Lighter assembly weight reduces stress on system components
- Compact end fitting attachment makes hoses easier to install in tight areas
- All-welded construction ensures maximum safety
- Stainless steel armor will not rust or flake

#### APPLICATIONS:

- Air, water, gas, oxygen, hydraulic, lube oil, or grease lines
- Coke Ovens, Quench Cars, Blast Furnaces, Bottle Cars, Electric Arc Furnaces, Basic Oxygen Furnaces, Casting Units, Hot Strip Mills, and more

### Hose Master is a Service and Engineering Company

Hose Master has become the leading North American manufacturer of metal hose and expansion joints through our innovative product design and customer service. Our engineering expertise stems from decades of field experience, as well as devoting a significant portion of our workforce to research and development. We design and build our own production and fabrication equipment, which makes us uniquely qualified to offer creative solutions to meet the most demanding industrial applications. Our commitment to product excellence is only matched by our dedication to customer service.

Hose Master has a talented group of knowledgeable, committed, and responsive outside salespeople who can help solve your most difficult application challenges. These salespeople are supported by the staff at our home office in Cleveland, Ohio, as well as our fabricating facilities in Houston, Texas, Atlanta Georgia, and Reno, Nevada. Let our nationwide team of salespeople, engineers, 100+ ASME IX welders, and skilled fabricators work for you.



*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.*