



Courtesy of Cascade Steel

ROOF COOLING HOSE

Many roofs of electric furnaces require flexible connectors. Here, a roof equipped with GSM hose is ready for installation.



Courtesy of Oregon Steel

GSM FURNACE DOOR HOSE

GSM's insulated and armored hose is a definite problem solver when flexing, extreme heat and abuse are present. Pictured, GSM provides the flexibility needed to supply cooling water to the doors of an electric furnace.



Courtesy of Cascade Steel

GSM SIDE PANEL HOSE

In applications where hose may be in direct contact with splashes of molten metal and slag, GSM insulation and ball-joint armor protect the hose from failing prematurely.



Courtesy of Kentucky Electric Steel

GSM WATER SUPPLY HOSE

The source of water supply to and from the electric furnace also serves as a critical application in the steel making process. Here, 6" GSM water hose will resist sparks or molten splashes and at the same time provide elasticity with roof movement.



Courtesy of Lukens Steel

GSM GAS INJECTION HOSE

Another integral part of the steel making process is the injection of oxygen, natural gas, argon or other gases into the ladle or furnace. Here, GSM hose plays a major role injecting oxygen on oxy-fuel burners.



Courtesy of Cascade Steel

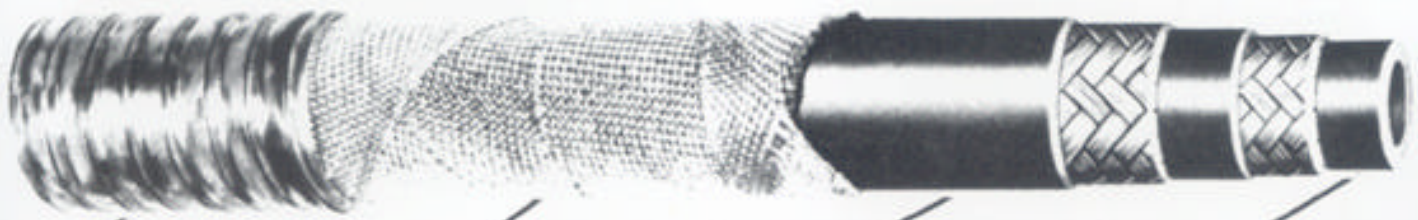


Courtesy of Cascade Steel

In summary, GSM hose serves a great variety of applications across a broad range - whether the application involves water cooling, oxygen/gas injection, hydraulic, etc. GSM can supply the right hose to meet your needs.



Courtesy of Lukens Steel



Metal ball-joint armor can be galvanized steel, stainless steel, aluminum or bronze as specified. It offers greater resistance to external abuse than all-metal or plain rubber hose, yet it remains extremely flexible and resists kinking or collapsing in tight loops, knots or bends.

If needed, **layers of insulation** between the ball-joint armor and the hose itself protect the entire assembly from external heat. Additional layers provide further protection, and different types of insulation or other inner materials can be utilized to meet special needs.

The hose carcass is the reinforcing section of the hose. It can be composed of textile or wire braid, spiral wire or cable. Shown here is a wire braid hose.

The tube of the hose is compounded to resist the action of the material being handled; steam, air, ammonia, chemicals, oxygen, hydraulic oil, oil mist, cooling water or any other substance that can be handled by elastomeric hose. If a metal inner hose is required, GSM can protect it on the outside from heat and/or external abuse.

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