

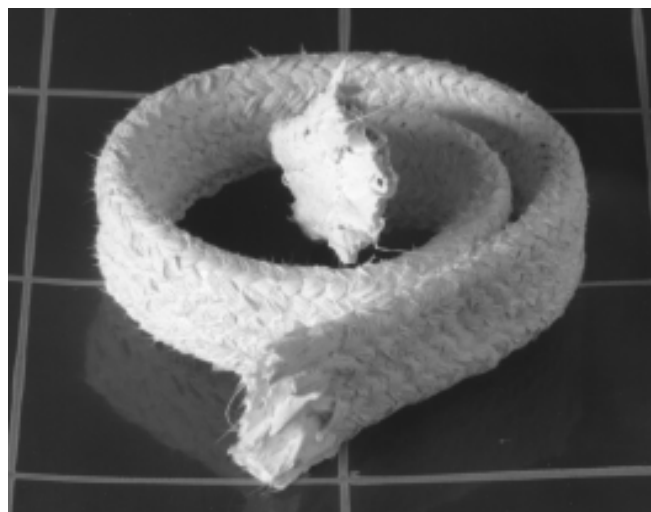
ALUMINA MOLDABLE SLEEVING TYPE RS-MS

ZIRCAR Refractory Composites, Inc. produces a comprehensive range of advanced high performance ceramic-ceramic composites and related products. Our materials are used around the world in demanding thermal, structural and electrical insulating applications at temperatures from 600°C(1112°F) to 1650°C(3002°F). For over twenty-five years we have been a problem solver working with many industries to resolve their thermal management problems. We have developed materials that have become industry standards for induction melting, forging and heat-treating applications, investment casting, glass processing, hot pressing, as well as many high temperature electrical applications.

GENERAL INFORMATION

ZRCI Refractory Sheet Type RS-MS Moldable Sleeving is a moist woven alumina composite sleeving. It is supplied in a wet form ready for the fabrication of custom shapes. It can be cut to size with a knife or scissors, wrapped around a suitable form, air dried, and immediately put into service. It is ideal for applications up to up to **1300°C (2373°F)**.

ZRCI Refractory Sheet Type RS-MS Moldable Sleeving is odorless and contains no asbestos. Its high alumina content makes RS-MS highly resistant to many environments including molten aluminum as well as many types of fuel oils. When hardened with AL-HARD, it becomes "rock hard" for greater strength. The many uses for Type RS-MS Sleeving include: cover for rings and saddles used in the annealing of hand blown glassware; asbestos sleeving replacement metal tube and pipe insulation; hose line and cable protection; and high temperature gaskets.



CHARACTERISTICS & PROPERTIES

Color	White
Moisture Content	40%
Composition (after 1000°C (1832°F) calcination)	
Al ₂ O ₃	72%
SiO ₂	16%
CaO	6%
B ₂ O ₃	3%
Other Oxides	<1% (each)
Organic	<1%
Density (dry)	90 pcf
Maximum Use Temperature*°C(°F)	1000(1832)
Melting Point °C(°F)	1500(2732)
Flammability	Nil
Wall Thickness	1/16"

*Maximum Use Temperature is dependent on variables such as stresses, both thermal and mechanical, and the chemical environment that the insulation experiences.

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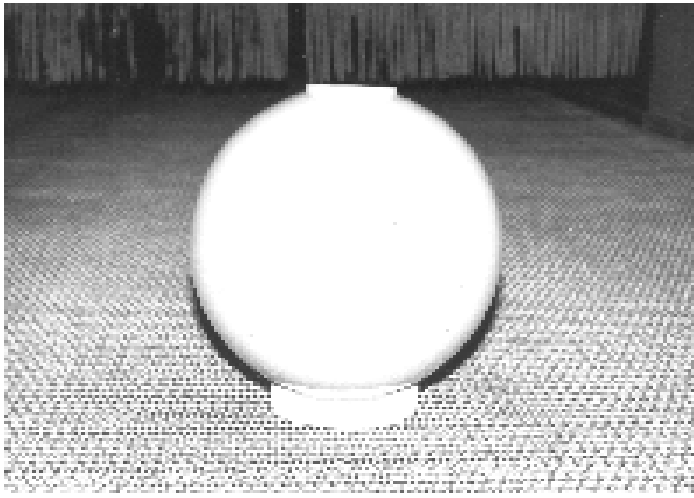
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SUGGESTED APPLICATIONS

- Asbestos sleeving substitute.
- Thermocouple protection sleeving
- Seal for electrical connectors
- Molten metal splash protector
- Furnace door gasketing.
- General high temperature furnace repair.
- Expansion joint insulation.
- Cable and fuel line protection.
- Thermal insulation in hot appliances.



Cover for rings and saddles used in the annealing of hand blown glassware.

AVAILABILITY

Item #	Description
MS80	RS-MS, 1/2"ID X 25'LG
MS81	RS-MS, 1/2"ID X 100'LG
MS82	RS-MS, 1"ID X 25'LG
MS83	RS-MS, 1"ID X 100'LG
MS84	RS-MS, 2"ID X 25'LG
MS85	RS-MS, 2"ID X 100'LG



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