WORBO INC.
Thermal Protection Technology

High Temperature Sleeve 2000

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This high temperature sleeve is an extremely flexible braided sleeve that is ideal for protecting or insulating critical hoses, cables, and equipment from high external or internal heat sources up to 2000°F continuous. This sleeve can be used in multiple layers or in conjunction with other materials to achieve the desired degree of protection/insulation to meet your criteria.

Worbo Technology

- Manufactured from continuous filament texturized silica yarn, our high temperature braided sleeves have an extremely high tensile strength compared to conventional braided sleeves manufactured from leached fiberglass.
- Unlike traditional silica fabrics this product is not made from E glass and therefore offers significantly increased abrasion resistance and overall durability. It is perfect for protecting equipment and process lines exposed to constant vibration in extreme temperature environments.
- Through Worbo's innovative technology this high temperature sleeve is "pre-shrunk" to minimize shrinkage at high temperatures while maintaining its highly flexible characteristics.
- This high temperature sleeve is resist to oxidation, most corrosive solutions and chemicals, and it presents no known health hazard.
- Worbo's high temperature braided sleeves offers perfect thermal protection solution for parts, materials, and equipment from potential damage and destruction caused by molten metal splash, sparks and radiant heat.
- In addition, this high temperature braided sleeve offers outstanding protection in electrical insulation applications and exhibits excellent dielectric strength.

Dimensional Data

Available in standard 1/16" (1.6mm) and 1/8" (3.2 mm) wall thickness to fit pipe diameters sizes from 1/4 " (6.4mm) to 3½"(88.9mm) and is supplied in standard continuous lengths of 50ft (15.2m) or 100ft (30.5m). Other sizes can be manufactured to your specification.

Temperature

Rated for 2000°F (1100°C) continuous.

Environmental Resistance

Excellent resistance to ozone, oxidization, UV, corona, cosmic radiation, ionising radiation and weathering in general.

Flammability

Outstanding flame resistance and is absolutely fireproof.

Dielectric Strength

40 Volts/mil of thickness

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www.worbo.com

Worbo Inc. Peterborough, ON K9J 6Y1• Tel (877) 743-4004 or (705) 743-4000 Fax (705) 743-3226