



Molten Splash-Away EAF Cable Sleeve

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Designed to reduce unexpected EAF power cable failures/power interruption to an AC or DC Electric Arc Furnace by acting as a defensive shield against wet charges, molten metal splash, high temperatures, abrasion, flame impingement, continuous flexing, and other high temperature hazards typical of these harsh environments.

Worbo Technology

- Manufactured and designed with 100% Non-Conductive materials specifically for safe non-arcing use in close proximity to AC or DC EAF's.
- The hydrophobic, low surface energy, non-stick properties of the thick silicone coating sheds large random but potentially hazardous amounts of 3000°F molten metal splash to help maintain the integrity of the water cooled power cable until the next scheduled maintenance period.
- Equipped with a hook and loop self gripping closure, *EAF Cable Molten Splash Shield* is easily field installed (or removed for maintenance) without cable disconnection.
- High Shear and Peel Hook and loop self gripping closure is designed specifically for this application to ensure closure doesn't separate during severe "jumping", "bouncing" and "bumping" of cables during furnace arc and "cold starts".
- Combination of Heavy duty silicone shield coating on thick high temperature fiberglass substrate helps insulate and defend against intermittent bouts of flame impingement, burning airborne particles and high temperatures.

Dimensional Data

Custom fabricated using exacting standards to ensure the correct fit over the outside diameter of your cable(s) and made to length. Tolerances for movement, flexing, radiuses, etc. are included in the calculations to determine the correct sizing.

Temperature

Base weave of heavy fiberglass is rated to 1100°F continuous, heavy smooth silicone shield coating will protect against short duration temperature extremes of 3000°F and 500°F continuous.

Construction

100% high temperature customized construction for optimal lifespan.

Environmental Resistance

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

Flammability

Non-flammable – Self extinguishing.



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www.worbo.com