

# SafeArmor™

## AL2000

### Aluminized Suit With Para-Aramid-Fabric

An Aluminized Suit with Para-Aramid-Fabric A 370 K PES 6 µm is a high-performance protective garment designed for work in extreme heat environments. The aluminized outer layer reflects radiant heat, while the Para-Aramid-Fabric provides excellent thermal insulation, helping protect the wearer from high temperatures, molten metal splashes, and intense radiant heat.



#### Applications

- Foundries and metal casting operations
- Hot-metal handling
- Steel plants and rolling mills
- Glass manufacturing and processing
- Firefighting in industrial high-temperature environments

#### Product Specification

|                  |                                                |
|------------------|------------------------------------------------|
| Outer Fabric     | Aluminized Para-Aramid-Fabric A 370 K PES 6 µm |
| Outer Fabric GSM | 500 GSM                                        |
| Lining Fabric    | 100% Cotton FR                                 |
| Thermal Barrier  | Woolen Insulation Fabric                       |
| Thread           | Heavy Duty P-Aramide Thread                    |
| Total Weight     | 8 kg ± 500g                                    |
| Approvals        | EN ISO 11612:2015 (A1. B1. C3. D3. E3. F1)     |

#### Fabric Performance as per EN ISO 11612

|                         |    |
|-------------------------|----|
| Limited flame spread    | A1 |
| Convective heat         | B1 |
| Radiant heat            | C3 |
| Molten aluminium splash | D3 |
| Molten iron splash      | E3 |
| Contact heat            | F1 |

#### Set Consists Of

- Aluminized Jacket + Pant or Aluminized 1 Piece Overall.
- Aluminized Hood with EN 397 and IS 2925 certified hard hat, Visor and Mesh.
- Aluminized 5 fingered Gloves.
- Aluminized Boots.

#### Optional

- Breathing Apparatus Pouch
- Hood stitched with Coat or Hood stitched with 1 Piece Overall.



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### Jacket

- **Full-Sleeve Design:** Ensures complete protection for arms and upper body during high-heat operations.
- **High Collar:** Offers added protection to the neck area from radiant heat and sparks.
- **Front Opening with Overlap Closure:** Designed to reduce heat ingress while allowing easy wearing and removal.



### Pant

- **High-Waist Bib Design:** Offers extended protection to the lower torso, abdomen, and upper thighs.
- **Adjustable Shoulder Suspenders:** Heavy-duty elastic suspenders ensure a secure, comfortable fit and distribute weight evenly.



### Hood

- **Heat-Resistant Viewing Visor:** Integrated visor offers clear visibility while protecting the face from radiant heat and sparks.
- **Full Head & Neck Coverage:** Designed to cover head, neck, and shoulders for comprehensive protection.



### Gloves

- **Extended Cuff Design:** Long cuffs protect wrists and lower forearms from heat, sparks, and splashes.
- **Flexible & Ergonomic Fit:** Designed to allow hand movement and grip without compromising protection.
- **Comfortable Inner Feel:** Lining helps reduce heat discomfort during prolonged use.



### Boots

- **Side Zipper Closure:** Heavy-duty zipper enables quick wearing and removal while ensuring a secure fit.
- **High-Ankle Coverage:** Extended height offers enhanced protection to ankles and lower legs.
- **Slip-Resistant Rubber Sole:** Deep tread pattern ensures strong grip and stability on industrial floors.

### Packaging Information

1 Set / Kit

### SKU Information

| Product SKU       | Size | Product Description                                       |
|-------------------|------|-----------------------------------------------------------|
| BLSH-SA-ALS-AR-L  | L    | Aluminized suit with Aramid lining (Jacket& Trouser type) |
| BLSH-SA-ALS-AR-XL | XL   | Aluminized suit with Aramid lining (Jacket& Trouser type) |
| BLSH-SA-ALC-AR-L  | L    | Aluminized suit with Aramid lining (Coverall)             |
| BLSH-SA-ALC-AR-XL | XL   | Aluminized suit with Aramid lining (Coverall)             |