



SafeArmor™

AL1000

Aluminized Suit With Fiberglass Lining

An Aluminized Suit with Fiberglass Lining is a high-performance protective garment designed for work in extreme heat environments. The aluminized outer layer reflects radiant heat, while the fiberglass lining provides excellent thermal insulation, helping protect the wearer from high temperatures, molten metal splashes, and intense radiant heat.



EN 11612

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	Double Laminated Technology Aluminized Fiberglass Fabric
Outer Fabric GSM	440 GSM
Lining Fabric	100% Cotton FR
Thermal Barrier	Woolen Insulation Fabric
Thread	Heavy Duty P-Aramid Thread
Total Weight	7.7 kg ± 200g
Approvals	EN ISO 11612:2015 (A1, B1, C3, D3, E3, F2)

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	F2



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-FG-L	L	Aluminized suit with Fiberglass lining (Jacket& Trouser type)
BLSH-SA-ALS-FG-XL	XL	Aluminized suit with Fiberglass lining (Jacket& Trouser type)
BLSH-SA-ALC-FG-L	L	Aluminized suit with Fiberglass lining (Coverall)
BLSH-SA-ALC-FG-XL	XL	Aluminized suit with Fiberglass lining (Coverall)