



# PROTEK® ARCSTAR

## ELECTRIC ARC PROTECTIVE CLOTHING

When an electric current passes through air between ungrounded conductors and grounded conductors, the temperatures can reach 35.000°F. Exposure to these extreme temperatures both burns the skin directly and causes ignition of clothing, which adds to the burn injury. The majority of hospital admissions due to electrical accidents are from the arc-flash burns, not from shock. Each year more than 2.000 people are admitted to burn centers with severe arc-flash burns. Arc-Flash can and will kill at distances of 10 ft.



In the event of an electric arc accident, PPE must

- Provide permanent flame resistance,
- Not melt, or ignite and continue to burn,
- Resist break-open during exposure,
- Insulate the wearer from heat & decrease/avoid heat burns,
- Provide time to escape,
- Increase the chance of survival.

As a NOMEX® Quality Partner, we use NOMEX® Comfort fabrics in our PROTEK® ARCSTAR jacket and trousers to protect workers from electric arc.



EN 61482-1-2  
Class 2 (7 kA)

### APPLICATIONS

- Automotive Industry
- Electrical Utilities
- Engineering
- Railways
- Power Distribution
- Power Plants
- Shipbuilding

DuPont™  
**NOMEX®**

Model	Material	Size	Color
<input type="checkbox"/> 84315 – Jacket <input type="checkbox"/> 84415 – Trousers	<input type="checkbox"/> 1344000 NOMEX® Comfort 2 layers	<input type="checkbox"/> 10 - S <input type="checkbox"/> 12 - M <input type="checkbox"/> 14 - L <input type="checkbox"/> 16 - XL <input type="checkbox"/> 18 - XXL	<input type="checkbox"/> 01 - Dark Navy Blue <input type="checkbox"/> 02 - Orange



Certificate No. 4430



# PROTEK® INDUSTRIAL SOLUTIONS

**KIVANÇ Group** produces personal protective clothing for different industrial applications. These garments are available in different designs like jacket & trousers, bib and brace trousers, coveralls, shirts etc. These garments are protecting workers in hazardous areas like Refineries, Oil & Gas Distribution Companies, Chemical & Petrochemical Plants, Electrical Utilities, Welding, Iron & Steel Companies and other industrial companies. These garments are designed to protect against sudden flash fire, impact of electric arcs, molten metal splashes etc. These garments are inherently flame resistant and do not melt, drip or ignite. The flame resistant property of the garment is permanent throughout the life and it cannot be washed or worn out. Garments are permanently anti-static and prevent sparks due to static electric charge build-up which could lead to an explosion in presence of flammable chemicals such as liquid petroleum gases.

We are a Member of the NOMEX® Quality Partner Program. Our customers are able to choose the right fabric for their application from our wide range of alternatives like NOMEX® Comfort, NOMEX® IIIA, NOMEX® MetalPro etc.

PROTEK® INDUSTAR



PROTEK® METALSTAR



PROTEK® WELDSTAR



PROTEK® REFSTAR



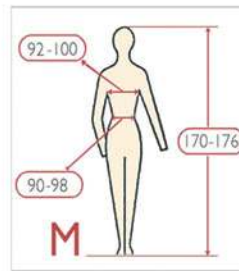
PROTEK® ARCSTAR



PROTEK® AIRSTAR



PROTEK® SEARCHSTAR



## APPLICATIONS

- Airport Personal
- Aluminium Workers
- Automotive Industry
- Cement Industry
- Ceramic Industry
- Electrical Utilities
- Engineering
- Firework Manufacturers
- Foundry Workers
- Gas Contracting
- Glass Industry
- Iron & Steel Industry
- Munitions Suppliers
- Offshore & Gas Industry
- Petrochemical Industries
- Pilot
- Police
- Railways
- Search & Rescue
- Shipbuilding
- Welding

Size	Height	Chest	Waist
XS	158-164	76-84	74-82
S	164-170	84-92	82-90
M	170-176	92-100	90-98
L	170-176	100-108	98-106
XL	176-182	108-116	106-114
XXL	182-188	116-124	114-122
XXXL	188-194	124-132	122-130

Different sizes available upon request.



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**KIVANÇ**  
Group

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