

# PERSONAL PROTECTIVE CLOTHING SOLUTIONS



## Materials for our speciality clothing includes:

Indura® By Westex®, USA  
Ultrasoft® by Westex®, USA  
Ultrasoft® AC by Westex®, USA  
Nomex® by Dupont Inc., USA  
Kevlar® by Dupont Inc., USA

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# ARC FLASH PROTECTIVE CLOTHING

## ARC GUARDIAN™ PRO

Our range of arc flash protective clothing, specially made with permanently flame retardant materials for protection from thermal hazards generally associated with exposure to flame and fire. Considering Indian working conditions, these garments have been developed after detailed discussion with various users across India and keeping in mind not only the required safety features but also physiological and psychological factors. Arc Guardian™ Pro range of protective clothing and kits, manufactured with materials tested and certified for use by electrical workers exposed to electric arc and related thermal hazards as per NFPA 70E, ASTM F1959, ASTM F1506, NFPA 2112 and other relevant international standards, are available in various Arc Thermal Protective Value (ATPV) ratings, further categorised under Hazard Risk Category (HRC) I-IV.

### RATING

ATPV (Cal/cm <sup>2</sup> )	HAF (%)	HRC	Fabric (OSY)
6.1	64.3	I	6.1
8.7	74.2	II	7.3
12.4	80.2	II	9.5
21	85.4	II	13.5
31.3	89.8	III	7.3 over 9.5
43	91.6	IV	9.5 over 13.5
64	95.0	IV	9 over 9

### COLOURS:



### STYLING OPTIONS



## STANDRAD KITS

### Kit 6.1 Cal/cm<sup>2</sup>

- Classic Shirt
- Classic Trousers
- Hard hat with face shield (8 Cal/cm<sup>2</sup>)
- Di-electric gloves
- Over gloves



HRC I



### Kit 8.7/12.4 Cal/cm<sup>2</sup>

- Classic shirt
- Classic trousers
- Hard hat with face shield and chin guard (8/12 Cal/cm<sup>2</sup>)
- Di-electric gloves
- Over gloves



HRC II



### Kit 21 Cal/cm<sup>2</sup>

- Jacket
- Over pant
- Hood with integrated hard hat and face shield (25 Cal/cm<sup>2</sup>)
- Di-electric gloves
- Over gloves



HRC II



### Kit 31.3 Cal/cm<sup>2</sup>

- Prince coat
- Bib pant
- Hood with integrated hard hat and face shield (40 Cal/cm<sup>2</sup>)
- Di-electric gloves
- Over gloves
- Carry bag



HRC III



### Kit 43 Cal/cm<sup>2</sup>

- Prince coat
- Bib pant
- Hood with integrated hard hat and face shield (50 Cal/cm<sup>2</sup>)
- Di-electric gloves
- Over gloves
- Carry bag



HRC IV



### Kit 64 Cal/cm<sup>2</sup>

- Prince coat
- Bib pant
- Hood with integrated hard hat and face shield (75 Cal/cm<sup>2</sup>)
- Di-electric gloves
- Over gloves
- Carry bag



HRC IV



\*Kits can be further customised as per customer requirement.

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