



HICARETM
PROTECTIVE WEAR



PERSONAL PROTECTIVE WEAR //

*For the Ones Who
Get it Done!*





About Hicare

Welcome to HiCare, where expertise, innovation, and reliability converge to deliver top-notch protective wear. Based in Mumbai and established in 2017, we have rapidly emerged as a pioneer in providing advanced safety solutions tailored to meet industry needs.

Our Expertise

At HiCare, our team excels in every aspect of the production process, from sourcing to garment design, testing, and high-quality manufacturing. We ensure that our products not only meet but exceed the stringent specifications set by leading industries.

Our Products

We take pride in offering a diverse range of protective garments, including: IFR/FR Coveralls, Cold Protection Garments and Storage Suit, Fire/Welding and Water Gel Blankets, Splash Protection Suits, Fire Fighting/Entry Suits, Arc Flash Protection Suits, Molten Metal Suits, Hot Oil Steam Splash Suits, Cryogenic Gloves/Suit/Aprons, Winter Jackets and other accessories like Heat Resistant Hand Gloves, Safety Shoes, Hoods, Kevlar Sleeves, Fireman Helmets.

Commitment to Quality

Quality is the cornerstone of HiCare. We rigorously test and certify our products to ensure they meet all regulatory standards, guaranteeing safety, durability, and comfort. Our commitment to continuous improvement keeps us at the forefront of industry advancements.

Global Presence

We proudly supply our protective wear to numerous esteemed organizations across India and the globe, fostering a strong presence in the international market through our dedication to excellence and reliability.

Join Us

As we continue to grow and innovate, we invite you to join us on our mission to enhance workplace safety. At HiCare, we believe that safety comes first, and we are dedicated to providing solutions that makes a difference.



OUR MISSION

To produced best quality of products at the best competitive price and deliver more than promised to our customer.



OUR VISION

Our vision is to be a moral responsibility and trusted leader in safety to become benchmark Manufacturing Company in terms of quality, innovation, Customisation for high temperature protection apparels and become preferred supplier globally.

OUR CORE VALUES

- Reliability
- Honesty and Integrity
- Quality
- Innovation
- Teamwork
- Dignity of Individual
- Excellence
- Services



CERTIFICATIONS

A SYMBOL OF ASSURANCE
IN EVERY PROTECTIVE WEAR WE MAKE.



CE Mark



EN 407



EN 469
X2 Y2 Z2

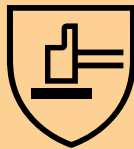
EN ISO 11612



Passes Level
A B C D E F



IEC 61482-1-1



EN 388



EN 1149



NFPA®
70E



NFPA®
2112



1506



2621



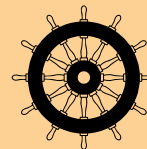
2178



F1959/F



EN 1486



SOLAS - Safety
of Life at Sea



UL Certification



ISO 13506 -1:2017

EN
1388:2013



OUR TESTING PARTNERS



OUR BRANDS

ALUMASTER™

ARCADEFENCE™

FlareDefend™
PROTECTING FIRE FIGHTERS

CRYOPROTEC™

STEAMSAFE™
Steam Splash Hot Oil Suit

COLD SHIELD™

BURN SHELL™
WATER GEL BLANKET

Table of Contents

ALUMASTER™

ALUMINISED SUITS

01 – 06

- Aluminised Aramid Fire Suit
- Aluminised Fire Proximity Suit
- Aluminised Aramid Long Coat
- Aluminised Aramid Apron (Without Sleeves)
- Aluminised Fire Entry Suit
- Aluminised Preox Aramid Fabric
- Molten Metal D3 Garments

FlareDefend™

FIRE FIGHTING SUITS

07 – 10

- EN 469 Fire Fighting Suit
- EN 469 Fire Fighting Suit (Burn Mannequin Test)
- PBI Structural Fire Fighting Suit

ARCDENCE™

ARC FLASH SUITS

11 – 20

- HC Shelter 8
- ARC Flash Suit 8 Cal
- HC Shelter 12
- ARC Flash Suit 12 Cal
- HC Shelter 40
- ARC Flash Suit 40 Cal – Double Color
- HC Shelter 75
- HC Shelter 100
- ARC Flash Accessories

FlareDefend™

FR/IFR COVERALL

21 – 26

- IFR Coverall
- IFR Modacrylic Coverall
- Cotton Flame Resistance Coverall

FlareDefend™

WINTER JACKET

27

- FR Winter Jacket

STEAMSAFE™ COLD SHIELD™

STEAM SPLASH & COLD STORAGE SUIT

28

- Hot Oil Steam Splash Suit
- Cold Storage Suit

CRYOPROTEC™ SAND BLASTING

CRYOGENIC SUIT & SAND BLASTING SUIT

29

- Cryogenic Suit
- Sand Blasting Suit

Fire Blankets

30-31

- Fire Blanket
- Carbon Welding Blanket
- Ceramic Vermiculite Welding Blanket
- Silica Welding Blanket
- Silicon Coated Fire Blanket
- EV Fire Blanket

Hand Gloves

32-34

- Para-Aramid Hand Gloves
- Aluminized Aramid Hand Gloves
- Leather Aramid Hand Gloves
- Cryogenic Hand Gloves
- Para - Aramid Coated Hand Gloves

Global Reach

35

ALUMINISED SUITS



ALUMMASTER™

ALUMINISED ARAMID FIRE SUIT

Model: HCS-ALUPRIME

TECHNICAL SPECIFICATION

Outer Shell: Made out of 460 GSM Premium Aluminized Para-aramid knitted blend fabric Tested and Certified as per latest European Norms EN ISO 11612:2015 and meet the Class A1, A2, B2, C4, D3, E3, F1.

Middle Layer: Neoprene quoted Fabric as vapour barrier.

Inner Layer: Inherently non-woven lining for better protection.

Inner Layer: FR Fabric Certified to EN ISO 11612 A1, B1, C1, C4.

Applications: Steel Plant, Foundries, Metallurgy Industries Fire Fighting, protection against the radiant heat.

CERTIFICATIONS

Category III

**CAT.
III**

EN ISO 11612



Passes Level
A1, B1, C4, D3, E3, F1

Temperature



RADIANT HEAT
1200 - 1400°C



ALUMINISED FIRE PROXIMITY SUIT

Model: HCS-ALUECO

TECHNICAL SPECIFICATION

Outer Shell: Made out of 440 GSM Aluminized Fiberglass blend fabric tested and certified EN ISO 11612:2015 and meet the class A1, A2, B2, C4.

Middle Layer: Neoprene quoted Fabric as vapour barrier.

Inner Layer: Non-woven lining for better protection.

Inner Layer: FR Fabric Certified to EN ISO 11612 A1, B1, C1, C4.

Applications: Steel Plant, Foundries, Metallurgy Industries Fire Fighting, protection against the radiant heat.

CERTIFICATIONS

Category III

**CAT.
III**

EN ISO 11612



Passes Level
A1, B1, C4

Temperature



RADIANT HEAT
500°C

ALUMINISED ARAMID LONG COAT

Model: ALUPRIME

TECHNICAL SPECIFICATION

Outer Shell: Made out of 460 GSM Premium Aluminized Aramid blend fabric tested and certified EN ISO 11612:2015 and meet the Class A1, A2, B2, C4, F1.

Inner Layer: FR Fabric certified to EN ISO 11612 A1, B1, C1, C4.

Design:

- Long Coat full sleeves comes with FR Zipper and brass
- Stitched with Kevlar thread
- Light weight garments better breathability and Comfort in extreme hot condition.

Applications: Steel Plant, Foundries, Metallurgy Industries Fire Fighting, protection against the radiant heat.

CERTIFICATIONS

EN ISO 11612



Passes Level
A1, A2, B2, C1, C4



RADIANT HEAT

(Code C4 of ISO 11612)

Molten Aluminium (Code D3 of ISO 11612)

Molten Iron (Code E3 of ISO 11612)



ALUMINISED ARAMID APRON

Model: HCS-ALUPRIME

TECHNICAL SPECIFICATION

Outer Shell: Made out of 460 GSM Premium Aluminized Aramid blend fabric tested and certified EN ISO 11612:2015 and meet the Class A1, A2, B2, C4, D3, E3, F1.

Inner Layer: FR Fabric certified to EN ISO 11612 A1, B1, C1, C4.

Design:

- Apron comes with front zip and brass button.
- On back side for better comfort Velcro closure.
- Stitched with Kevlar thread.
- Size 48 inches and as per the requirement.

Applications: Steel Plant, Foundries, Metallurgy Industries Fire Fighting, protection against the radiant heat.

CERTIFICATIONS

Category III

**CAT.
III**

EN ISO 11612



Passes Level
A1, B1, C4, D3, E3, F1

Temperature



RADIANT HEAT
1200 - 1400°C



ALUMINISED FIRE ENTRY SUIT

ALUMASTER™

Model: Xpro 1486

TECHNICAL SPECIFICATION

Outer Layer: Dual mirror Aluminized knitted Para-Aramid Lightweight 290 G/m2

Moisture Barrier: Heat Resistant Nonwoven Fabric laminated to a breathable waterproof membrane.

Heat Barrier: Double Layer non-woven carbon fibre quilted to an Aramid Viscose FR inner lining.

Complete Suit Consist:

Coat: Jacket with FR zipper concealed with Flap by outer shell with Velcro provision for extra protection with breathing apparatus facility.

Trouser: Comes with elastic on waist and adjustable FR suspender

Hood: Fireman helmet IS 2745 and Original Gold Coated visor for higher temperature.

Gloves: Gloves made of multilayer fabric.

Over boots: Designed boots fit wearer comfort and overlap snap closure.



Temperature

Ambient Heat 815°C

Aluminised Radiant Heat Resist 1650°C

Total Flame Resistance 1093°C



CERTIFICATIONS



EN 1486



1971

SINGLE LAYER ALUMINISED SUIT

ALUMASTER™

Model: Aluminised Preox Aramid Fabric

TECHNICAL SPECIFICATION

GSM: 400 GSM

Design:

- Long Coat full sleeves come with FR Zipper & Brass Button.
- Coat for better breathability and Comfort in extreme hot condition.
- Light weight garments, hence allow us to work longer duration and increase productivity of person.
- The entire garment is stitched with mechanically strong aramid thread confirming to EN 388, EN 407 thread.

Features: No layer Concept for Maximum Comfort, Light Weight and Flexible.

Design Options:

- Full sleeves Long Coat
- Coat/Pant
- Full Sleeve Apron

CERTIFICATIONS



EN ISO 11612:2015
A1, A2, B1, C4, D3, E3, F1



LIGHT WEIGHT
SOLUTION



SINGLE LAYER MOLTEN METAL D3 SUIT

ALUMASTER™

Model: Molten Metal D3 Suit

TECHNICAL SPECIFICATION

Outer Layer: Garments are made of a woven 54% Viscose FR, 20% WO, 20% PA, 5% Aramid, 1% Antistatic.

GSM: 330 GSM

Design Options:

- Jacket & Trouser

Key Features:

- Highest molten metal splash protection.
- Inherent FR blend.
- Best Comfort, Flexible and light weight.

CERTIFICATIONS



EN ISO 11612:2015
A1, B1, C4, D3, E3, F1



LIGHT WEIGHT
SOLUTION



FIRE FIGHTING SUITS



FlareDefendTM

FIRE FIGHTING SUIT

FlareDefend™

Model: EN 469 Fire Fighting Suit

TECHNICAL SPECIFICATIONS

Outer Shell: Made from Inherently Flame Resistance Fibre, 93% Meta Aramid , 5% Para Aramid, 2% Anti-Static OWR Finish Technology

Moisture Barrier: Aramid non-woven Laminated with PTFE membrane.

Thermal Barrier: Constructed using non-woven ARAMID fibers laminated with meta-aramid /FR Viscose innermost ling.

Reflective Tape: 2" Wide Fire Retardant - Lime Silver Lime Reflective Trims.

Accessories:



Fireman Helmet - EN 443

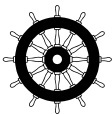
Balaclava Hood
- EN 13911

Jacket & Trouser
- EN 469

Fire Fighting
Gloves - EN 659

Fire Fighting
Boots - EN 15090

CERTIFICATIONS



Marine Industry
Wheelmark Certified
Fire Suit.



Latest Standard
EN 469:2020



CE Certified



ISO 13506 -1:2017



BURN MANNIKIN TEST RESULTS



Model: EN 469 Fire Fighting Suit

Made from Inherently Flame Resistance Fibre	93% Meta Aramid	5% Para Aramid	2% Anti-static	OWR Finish Technology
---	--------------------	-------------------	-------------------	-----------------------------



BEFORE TEST



AFTER TEST



TEST REPORT

1st Degree Burn Injury Area (%)	2nd Degree Burn Injury Area (%)	3rd Degree Burn Injury Area (%)	Predicted Total Area of Burn Injury (2nd & 3rd Degree) (%)
---	---	---	--

1,8 9,4 6,7 16,1

CERTIFIED AND TESTED AS PER:

Marine Industry
Wheelmark Certified
Fire Suit.

Latest Standard
EN 469:2020

CE Certified

ISO 13506 -1:2017

FIRE FIGHTING SUIT

FlareDefend™

Model: PBI Structural Fire Fighting Suit

TECHNICAL SPECIFICATIONS

Outer Shell: Outer shell Made from PBI Matrix Fabric.

Moisture & Thermal Barrier: EO Liner

Lining: Woven Lining made out of aramid viscose blended fabric.

Complete Suit Consist:

- Jacket & Trouser - EN 469
- Balaclava Hood - EN 13911
- Fireman Helmet - EN 443
- Fire Fighting Gloves - EN 659
- Fire Fighting Boots - EN 15090

Accessories:



CERTIFICATIONS



Latest Standard
EN 469



ARC FLASH SUITS

ARCDEFENCE™

Arc Defence™ by Hicare Arc Flash Suits provide specialized protection for electricians and other individuals working near electrical facilities. Arc suits are specialized pieces of personal protective equipment (PPE) that protect workers against electric arc flash hazards. An arc flash is a sudden release of electrical energy into the air, generally caused by a fault in an electrical system. Arc flashes can generate extraordinarily high temperatures, intense light, and pressure waves, posing significant risks to anyone who works with or near electrical equipment.

BRAND	MODEL	ATPV RATING	HRC	GSM
Arc Defence	HC Shelter 8	8 Cal / Cm2	HRC 2	240
Arc Defence	HC Shelter 12	12 Cal / Cm2	HRC 2	240
Arc Defence	HC Shelter 25	25 Cal / Cm2	HRC 3	365
Arc Defence	HC Shelter 40	40 Cal / Cm 2	HRC 4	480
Arc Defence	HC Shelter 75	75 Cal / Cm2	HRC 4	1000
Arc Defence	HC Shelter 100	100 Cal / Cm2	HRC 4	1200

ARC FLASH SUIT 8 CAL

**CERTIFIED
GARMENTS**

ARCDEFENCE™

Model: HC Shelter 8

TECHNICAL SPECIFICATIONS

Fabric Composition: Electrical Arc flash suit made of Modacrylic, Cellulose, Aramid, Anti static Multi Blend Fabric 240 GSM Rip Stop

Kit Content:

- Jacket & Pant
- Hard Hat with Face Shield
- Fabric Gloves
- Storage Bag

Color: Navy Blue

Applications:

- Transmission Line Maintenance
- LT and HT Panel Maintenance
- Electricians for workwear.

CERTIFICATIONS



IEC 61482-2



1959



1506



2621



70E



2178



Storage Bag



Jacket & Pant

Hard Hat with
Face Shield

Fabric Gloves



ARC FLASH SUIT 8 CAL

**CERTIFIED
GARMENTS**

ARCDEFENCE™

Model: Arc Flash Suit 8 Cal

TECHNICAL SPECIFICATIONS

Fabric Composition: Modacrylic, Cellulose,
Antistatic multiple blend fabric 240 GSM

Kit Content:

- Jacket & Pant
- Hard Hat with Face Shield
- Fabric Gloves
- Storage Bag

Color: Navy Blue

Applications:

- Transmission Line Maintenance
- LT and HT Panel Maintenance
- Electricians for workwear.

CERTIFICATIONS



IEC 61482-2



1959



1506



2621



70E



2178



ARC FLASH SUIT 12 CAL

**CERTIFIED
GARMENTS**

ARCDEFENCE™

Model: HC Shelter 12

TECHNICAL SPECIFICATIONS

Fabric Composition: Electrical Arc flash suit made of Modacrylic, Cellulose, Aramid, Anti static Multi Blend Fabric 240 GSM Rip Stop.

Kit Content:

- Jacket & Pant
- Hard Hat with Face Shield
- Fabric Gloves
- Storage Bag

Color: Navy Blue

Applications:

- Transmission Line Maintenance
- LT and HT Panel Maintenance
- Electricians for workwear.

Accessories:



CERTIFICATIONS



IEC 61482-2



1959



1506



2621



2178



70E



ARC FLASH SUIT 12 CAL

**CERTIFIED
GARMENTS**

ARCD E FENCE™

Model: Arc Flash Suit 12 Cal

TECHNICAL SPECIFICATIONS

Fabric Composition: Electrical Arc flash suit made of Modacrylic, Cellulose, Aramid, Anti static Multi Blend Fabric 240 GSM Rip Stop.

Kit Content:

- Jacket & Pant
- Hard Hat with Face Shield
- Fabric Gloves
- Storage Bag

Color: Navy Blue

Applications:

- Transmission Line Maintenance
- LT and HT Panel Maintenance
- Electricians for workwear.

Accessories:



CERTIFICATIONS



IEC 61482-2



1959



1506



2621



2178



70E



ARC FLASH SUIT 40 CAL

**CERTIFIED
GARMENTS**

ARCD E FENCE™

Model: HC Shelter 40

TECHNICAL SPECIFICATIONS

Fabric Composition: Outer layer made of Modacrylic, Aramid, Nylon, Anti-static Multiblend fabric

Inner Layer: Non woven Fabric quilted to inherently Arc Resistance Face cloth

Kit Content:

- Jacket & Bib trouser
- Hood with Helmet and Visor
- Fabric Gloves
- Storage Bag
- Fabric Gloves

Color: Navy Blue

Applications:

- Transmission Line Maintenance
- LT and HT Panel Maintenance
- Electricians for workwear.

CERTIFICATIONS



IEC 61482-2



1959



1506



2621



70E



2178



Storage Bag



Hood with
Helmet & Visor

Jacket &
Bib Trouser

Fabric Gloves

ARC FLASH SUIT 40 CAL

**CERTIFIED
GARMENTS**

ARCDEFENCE™

Model: Arc Flash Suit 40 Cal Double Color

TECHNICAL SPECIFICATIONS

Fabric Composition: Outer layer made of Modacrylic, Aramid, Nylon, Anti-static Multiblend fabric

Inner Layer: Non woven Fabric quilted to inherently Arc Resistance Face cloth

Kit Content:

- Jacket & Bib trouser
- Hood with Helmet and Visor
- Fabric Gloves
- Storage Bag
- Fabric Gloves

Color: Navy Blue

Applications:

- Transmission Line Maintenance
- LT and HT Panel Maintenance
- Electricians for workwear.

CERTIFICATIONS



IEC 61482-2



1959



1506



2621



70E



2178



Storage Bag



Hood with
Helmet & Visor

Jacket &
Bib Trouser

Fabric Gloves

ARC FLASH SUIT 75 CAL

**CERTIFIED
GARMENTS**

ARCDEFENCE™

Model: HC Shelter 75

TECHNICAL SPECIFICATIONS

Fabric Composition: The Electrical Arc Flash Suit made of Arc Flash Resistance Multilayer Fabric, Inherent Blend Fabric.

Kit Content:

- Jacket & Bib trouser
- Hood with Helmet and Visor
- Fabric Gloves
- Storage Bag
- Electrical Insulation Gloves Options

Color: Navy Blue

Applications:

- Transmission Line Maintenance
- LT and HT Panel Maintenance
- Electricians Flash Fire Protection
- Power Generation Unit.

CERTIFICATIONS



IEC 61482-1-1



1959



70E



2178



Storage Bag



Hood with
Helmet & Visor

Jacket &
Bib Trouser

Electrical
Insulation
Gloves

ARC FLASH SUIT 100 CAL

**CERTIFIED
GARMENTS**

ARCDEFENCE™

Model: HC Shelter 100

TECHNICAL SPECIFICATIONS

Fabric Composition: The Electrical Arc Flash Suit made of Arc Flash Resistance Multilayer Fabric, Inherent Blend Fabric.

Kit Content:

- Jacket & Bib trouser
- Hood with Helmet and Visor
- Fabric Gloves
- Storage Bag
- Electrical Insulation Gloves Options

Color: Navy Blue

Applications:

- Transmission Line Maintenance
- LT and HT Panel Maintenance
- Electricians Flash Fire Protection
- Power Generation Unit.

CERTIFICATIONS



IEC 61482-1-1



1959



70E



2178



Storage Bag



Hood with
Helmet & Visor

Jacket &
Bib Trouser

Electrical
Insulation
Gloves

ARC FLASH ACCESSORIES

Dielectric Boots

TECHNICAL SPECIFICATION

- Type of Construction:** Vulcanized Rubber Upper and Sole.
- Specialty:** Tested individual boots at 5kV (wet)
Optional testing @10kV (wet) or 35kV (dry) Recommendation:
- For working environment with high voltage hazards.
 - Power station operations Substation (step-up / step-down / distribution) operations.
 - Electrical hazards with wet condition / water exposure.
 - High current leakage hazards Electrical installations.



CERTIFICATIONS



EN ISO 20345:2011
SB E FO HRO SRA
EN 50321:1999



Class 0

European Standard CE Approved-
EN ISO 20345:2011 (SB E FO SRA HRO)
EN 50321:1999 Class 0 (for installations with nominal
High Voltage up to 1000V A.C. and 1500V D.C.)
Australia New Zealand Standard Approved-
AS/NZS 2210.3:2009 (SB E FO HRO SRA)

CSA Z195-14 / ASTM F 2413-11, Grade 1 Toe Protection
Compression Resistance, 11kN 18 kV Electric Shock
Resistance (ESR) Protection.



Paulson Arc Flash Visor 40 Cal

TECHNICAL SPECIFICATION

- Premium Anti-fog Coated Arc Flash Protective Arc Shield with Velcro pattern for hoods. ATPV 40 Cal. Dual pane.
- Material:** Polycarbonate
25,4 x 50,8 x 0,15cm (10"x20"x0.06")
- Weight:** 283g (10 oz)
- Colour:** Green
- Standard:** ANSI Z87.1, ASTM F2178, 40 cal/cm², NFPA 70E



Polycarbonate Injected Visor

TECHNICAL SPECIFICATION

- Polycarbonate injected visor, against electric arc and thermal risk. Green shade for better transmission of light.
- ASTM-F-2178-12 Standard Test Method for Determining the Arc Rating and Standard Specification for Face Protective Products.
- Category ANSI Z87.1-2010
American National Standards Institute - Occupational and Educational Personal Eye and Face Protection Devices.



Electrical Hand Gloves

TECHNICAL SPECIFICATION

- Class Type:** Class 2 Natural rubber
- Features:**
- Each glove is inspected/tested for electrical insulation
 - Electrical tests are performed on premium grade test machine custom made in USA (N081A1-D)
 - Compliant to EN 60903:2003
 - Manufactured on a purpose built production line
 - Produced at an ISO 9001:2015/ISO 14001:2015 accredited facility
 - Compliant to PPE Regulation (EU) 2016/425

COVERALL



IFR COVERALL

FlareDefend™



TECHNICAL SPECIFICATIONS

Fabric Composition:

- 93% Meta Aramid
- 5% Para Aramid
- 2% Antistatic

GSM: 150 GSM / 4.50z OR 200 GSM / 6 Oz

Customization available as per requirements

AVAILABLE COLORS (Based on MOQ)



CERTIFICATIONS



IFR MODACRYLIC COVERALL

FlareDefend™



TECHNICAL SPECIFICATIONS

Fabric Composition:

- 55% Modacrylic
- 43% Cotton
- 2% Antistatic

GSM: 180 GSM

Customization available as per requirements

AVAILABLE COLORS (Based on MOQ)



CERTIFICATIONS



IFR MODACRYLIC COVERALL

FlareDefend™



TECHNICAL SPECIFICATIONS

Fabric Composition:

- 50% Modacrylic
- 38% Cotton
- 10% Para-aramid
- 2% Antistatic

GSM: 240 GSM

Customization available as per requirements

AVAILABLE COLORS (Based on MOQ)



CERTIFICATIONS



COTTON FLAME RESISTANCE COVERALL

FlareDefend™



TECHNICAL SPECIFICATIONS

Fabric Composition: Cotton Flame Resistance Coverall

GSM: 450, 330 and 240

Customization available as per requirements

AVAILABLE COLORS (Based on MOQ)



CERTIFICATIONS



EN ISO 11612



2112



ISO 13506 -1: 2017

COTTON FLAME RESISTANCE COVERALL

FlareDefend™



TECHNICAL SPECIFICATIONS

Fabric Composition: 100% Cotton Flame Resistance Coverall

GSM: 350 GSM

Customization available as per requirements

AVAILABLE COLORS (Based on MOQ)



CERTIFICATIONS



EN ISO 11612
A1, B1, C1, E3, F1



ISO 13506 -1: 2017

WINTER JACKET

FlareDefend™

Model: FR Winter Jacket

TECHNICAL SPECIFICATIONS

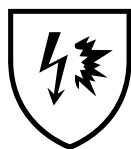
Outer layer: Winter jacket is crucial protective clothing to protect wearer from extreme cold as well as heat and flame.

We are producing Winter Jacket in different fabrics as a outer shell like **100% Cotton Fire Retardant, IFR 93% Meta aramid, 5% Para-aramid and 2% Anti-static, IFR Modacrylic**, and different fabric composition.

Inner Layer: Non-Woven Fabric with the inside insulation Polywadding.

Sizes available: S, M, L, XL, 2XL, 3XL & 4XL

CERTIFICATIONS



IEC 61482-1-1



EN ISO 11612:2015



EN 1149-5



STEAM SPLASH SUIT



Model: Hot Oil Steam Splash Suit

TECHNICAL SPECIFICATIONS

Fabric Composition: Complete suit is made of Aramid Coated Based Material to resist high pressure steam.

GSM: The GSM of the outer shell fabric 750gsm2 (+/-50 g/m)

Applications:

- Chemical Industries
- Oil & Gas Industries
- Cement Industries

also can be use for pressure steam application.

CERTIFICATIONS



EN ISO 11612



EN ISO 15025



ISO 9151



EN 388



ISO 6942



ISO 6530



ISO 17493



ISO 13937-2



COLD STORAGE SUIT



Model: Cold Storage Suit

TECHNICAL SPECIFICATION

Outer Layer: 100% Polyester Fabric

Inner Layer: Non-Woven Fabric

Coating: Water Resistance Fabric

Complete Suit Consist:

- Jacket & Trouser
- Hand Gloves

CERTIFICATIONS



TEMPERATURE
RESISTANCE
-60° CELSIUS

CRYOGENIC SUIT

CRYOPROTEC™

Model: Cryogenic Suit

TECHNICAL SPECIFICATION

Outer Layer: Garment made of royal blue, woven polyamide, Waterproof coating to resist condensed water on cold surfaces.

Middle Layer: Special Polyolefin/ Polyester Micro Fibre.

Complete Suit Consist:

- Jacket & Trouser / Overall
- Hood with Anti Fog Visor
- Fabric Gloves
- Storage Bag

Application Area:

LN2 handling, LO2 handling, LNG handling, CNG handling and Dry Ice handling

CERTIFICATIONS



EN 388:2016 EN 511:2006 EN 20811:2018



SAND BLASTING SUIT

Model: Sand Blasting Suit

TECHNICAL SPECIFICATION

Fabric Material:

- 45% Polyamide Special Coating
- 55% Cellulose Fabric

Complete Suit Consist:

Coverall, Hood (Helmet with nape), Gloves & Storage Bag

Applications:

- Abrasive Blasting • Manufacturing
- Painting (Automotive, Industrial, Fire Proofing)
- Coating, Concrete Cutting • Aggregate & Sanding

CERTIFICATIONS



BS EN ISO 14877:2002
ISO 5077
ISO 1421
EN ISO 13934-1-2
EN 863
ISO 4674-A2
EN ISO 13937-2
EN ISO 14877
EN 530

FIRE BLANKETS

Fire Blanket

TECHNICAL SPECIFICATION

Material:	Glass Fibre
Coating:	Coated with Aluminium
Thickness:	0.2 mm, 0.6 mm
Colour:	Silver
Temperature:	Up to 550°C
Size:	1 x 2 mtr, 2 x 2 mtr or Customized
Disposable:	Non-Disposable



Carbon Welding Blanket

TECHNICAL SPECIFICATION

Material:	Non-Woven Carbon Fiber
Colour:	Naturally Black
Size:	1 x 30 mtr
Packaging Type:	Roll
Weight:	550 GSM
Thickness:	3 mm
Temperature:	500°C to 1000°C



Ceramic Vermiculite Welding Blanket

TECHNICAL SPECIFICATION

Material:	Ceramic Vermiculite Coating with SS wire
Thickness:	3 mm
Weight:	1500 gm/m2
Colour:	Brown
Temperature:	Used at 1260°C at Continuous working, Melting above 1650°C
Size:	1 x 2 mtr/roll, 2 x 2 mtr/roll



EV Fire Blanket

TECHNICAL SPECIFICATION

High-Quality Materials:	Silicate based Multi-layer Coated Material.
Temperature:	Ranging from 600°C to 900°C
Lightweight & Portable:	Easy to store
Melting Point:	900°C
Shelf Life:	5 Years



FIRE BLANKETS

Silica Welding Blanket

TECHNICAL SPECIFICATION

Material:	High Silica Content (98%)
Thickness:	0.7 mm, 1.2 mm, and 1.4 mm
Melting Point:	1600°C
Working Temperature:	1000°C – 1200°C
Shelf Life:	12 Months
Colour:	Golden
Disposable:	Yes, it is disposable



Silicon Coated Fire Blanket

TECHNICAL SPECIFICATION

Material:	Fiberglass
Coating:	Coated with Silicon
Thickness:	0.5, 0.8 1.5 mm or as per requirement
Colour:	Brick Red, Black, Grey
Temperature:	550°C to 800 °C
Melting Point:	900°C
Size:	1 x 2 mtr/2x2 mtr or roll size of 1x30 mtr.



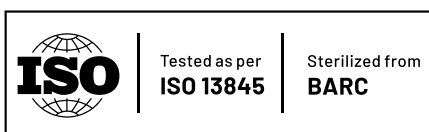
Water Gel Blanket

TECHNICAL SPECIFICATION

“BURN Shell” brand water gel blanket is a combination of therapeutic gel that is non-toxic, bactericidal, water soluble and biodegradable and 100% woollen blanket.

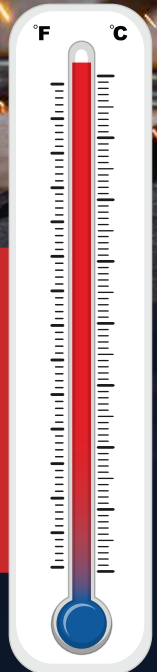
The woollen blanket is capable of retaining gel up to 13 times of its own weight. The gel used in this blanket is made of herbal and natural products.

Sterilized from BARC – Government of India, Department of Atomic Energy.
This certificate is issued with every set of blankets.



HAND GLOVES

GLOVES
THAT DEFY
THE HEAT!



HEAT-RESISTANT HAND GLOVES

Para-Aramid Hand Gloves

TECHNICAL SPECIFICATION

- Made From 480 GSM Para-aramid Fabric
- Woolen Heat-Resistant Lining inside with optional FR fabrics
- Temperature withstands up to 350c.
- Size: 14". Can Be customized as per requirement.
- Certification : EN 407, EN 702, EN ISO 6942



Aluminized Aramid Hand Gloves

TECHNICAL SPECIFICATION

- Outer layer made out of Para-aramid Fabric 460 GSM
- On palm 480 GSM Aramid fabric
- Woolen Heat-Resistant Lining inside with optional FR fabrics
- EN ISO 11612- A1, A2, B1, C4, D3, E3, F1
- Temperature - 350°C to 500°C



Leather Aramid Hand Gloves

TECHNICAL SPECIFICATION

- Made from Heavy Duty 480 GSM Aramid fabric
- Stitched with Kevlar thread
- Heat resistance up to 350°C



HEAT-RESISTANT HAND GLOVES

Para- Aramid Coated Hand Gloves

TECHNICAL SPECIFICATION

- Outer layer: made out of 750 GSM heavy duty Aramid fabric.
- Second layer: Non woven felt insulation
- Third Layer: 100% cotton flame resistance fabric.



CRYOGENIC HAND GLOVES

Cryogenic Hand Gloves

TECHNICAL SPECIFICATION

- Royal blue , woven, polyamide, Waterproof coating to resist condensed water on cold surfaces.
- Middle Layer: Special Polyolefin/ Polyester Micro Fibre.

Applications: Oil and Gas Industry, Cooling System, Pharma, Cold Storage, Food Processing Units and Hospital

Application Area: LN2 Handling, LO2 Handling, LNG Handling, CNG Handling, and Dry Ice Handling



CERTIFICATIONS



EN 511

Leather Cryogenic Hand Gloves

TECHNICAL SPECIFICATION

- Temperature Resistance Upto -196°C
- Multi-Layered Insulated Rubber Gloves.
- Waterproof, Hydrophilic, Microporous Membrane



CERTIFICATIONS



EN ISO 420



EN 511



EN 388

GLOBAL REACH



Some of
the Major
Locations
We Serve!

Middle East

Dubai
Bahrain
Kuwait
Oman
Qatar
Saudi Arabia
UAE (United Arab Emirates)
Jordan
Yemen
Lebanon

Africa

Egypt
Algeria
Ghana
Ethiopia
Nigeria
Congo
Uganda
Kenya
South Africa
Mauritius

Asia

India
Malaysia
Indonesia
Philippines
Bangladesh
Sri Lanka
Korea





HICARE PROTECTIVE WEAR PVT. LTD.

Manufacturers & Exporters of Heat Protective Products

Web: www.hicaresafety.in

Email: info@hicareprotectivewear.com

