FR ChemShield

Description

The **FR Chemshield**(DC56 FR Chem) is a premium fire resistance disposable coverall designed for dual protection against fire hazards and chemical exposure in high risk environments. Engineered with 55 GSM Spunbond Meltblown Spunbond (SMS) fabric, it offers limited flame spread EN ISO 14116 Index 1 and certified chemical resistance Type 5/6 EN ISO 13982-1 & EN 13034. The garment incorporates anti-static properties EN 1149-5 and radioactive contamination protection EN 1073-2, ensuring comprehensive safety.

Excellent Barrier Protection

FR Chemshield is very effective in holding out dust particles and chemicals to meet with 5/6 standards - even better than its predecessor.

Higher Comfort

FR Chemshield is lighter and even more breathable than before and certainly the more comfortable 5/6 product on the market.

Environmentally Friendly

FR Chemshield uses 20% less raw materials than any other product on the market whilst offering better barrier.

DC56 FR Chem

3-PLY FABRIC CONSTRUCTION





ARMY SAFETY
ENSURING SAFETY...



QUALITY ASSURED

- Comfortable Design
- Silicon Free Components
- Chemical & Dust Resistant
- Ventilated - SMS
- Breathable
- Limited Flame Spread

TYPE 5 EN ISO 13982-1 · TYPE 6 EN 13034 · EN ISO 14116:2015 INDEX 1/0/0
ANTI STATIC EN 1149-5 · RADIOACTIVE PARTICLE EN 1073-2

CE 0624 Category III

EU 2016/425

FIRE RESISTANCE COVERALL Made in China

FR ChemShield

Features

Flame: Complies with EN ISO 14116 Index 1 for limited flame spread.

Chemical Protection: Certified to EN ISO 13982-1:2004 +A1:2010 Type 5 and EN 13034:2005 +A1:2009, Type 6 for protection against hazardous dust and liquid chemicals.

Material: Constructed from a 55 GSM Spunbond Meltblown Spunbond (SMS) fabric,offering a balance between durability and comfort.

Design: Features a three piece elasticated hood, elasticated wrists, back, and ankles, and a two way front zipper with an adhesive storm flap for secure closure.

Antistatic Properties: Meets EN 1149-5:2018 standards, reducing the risk of electrostatic discharge.

Radioactive Contamination Protection: Certified to EN 1073-2:2002 for protection against radioactive particles.

Additional Feature: Equipped with elasticated finger loops to prevent sleeve movement during use.

Applications

- Industrial and Petrochemical
- Agriculture and Pesticide Handling
- Abattoirs
- Asbestos Handling
- Clean Room Farming
- Food Processing Industry
- Maintenance and Repairs
- Medical and Emergency Services
- Pharmaceutical
- Police Scene of Crime
- Forensic Science
- Technology Industry
- Two-Pack Paint Spray
- Waste Management Services

Technical Specifications

Size Range: S - 6XL

Color: White / Blue fabric with red zipper

Seam Construction: Serged seams for enhanced durability

Stitching: Inside flame resistant stitching

Closure System: Two way front zipper with adhesive storm flap

Standards Compliance

Flame Retardant
Antistatic
Protection against solid particles
Protection against spray of liquid.

Compliance

Limited Flame Spread: EN ISO 14116 Index 1

Chemical Protection:

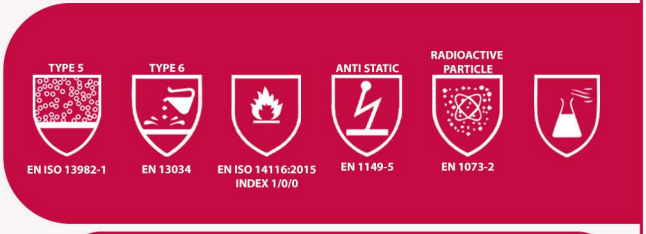
Type 5: EN ISO 13982-1:2004 +A1:2010

Type 6: EN 13034:2005 +A1:2009

Antistatic Properties: EN 1149-5:2018

Radioactive Contamination: EN 1073-2:2002

General Performance Requirements: EN ISO 13688:2013





Design Details

Hood: Elasticated three piece design for optimal fit
Waist: Elasticated for improved comfort
Wrist and Ankles: Elasticated to prevent ingress of contaminants
Cuffs: Elasticated for a secure fit
Finger Loops: Elasticated to maintain sleeve position during movement

Packaging

Unit: Individually packed in a customized design bag
Label: Army Safety Logo on front chest

Certifications

CE Mark: Yes, Category III
Certified Body Number: 0624
Certified Body: Centro Tessile Cotoniero e Abbigliamento S.p.A, Piazza Sant Anna, 2-I-21052 Busto Arsizo(VA)

CE 0624
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