

Fire Fighter Suit - Protective Clothing

PART NUMBER SC.209



It comes with fireman boots, fire fighters helmet and firefighting gloves.

Complies with SOLAS 1974, MED 3.3A designed to provide protection against flames and intense radiant heat.

Features:

The protective clothing meets the EN469:2020 standard and is designed to offer protection against flame exposure and intense radiant heat for short periods.

The ensemble does not exhibit any known allergic, carcinogenic, toxic, or mutagenic effects.

Structure and Material:

The protective clothing suit is a two-piece garment comprising a jacket and trousers with a four-layer construction.

It is designed to be worn over breathing apparatus.

Fabric Composition:

Aramid

Moisture barrier

Aramid felt quilted to aramid fabric

FR Flame retardant viscose



Protective Gloves



Main features

Fire-fighter's gloves of suede leather outer material with rubber glove insert PVC7335. The gloves are to be worn together with MED certified fire-fighters protective clothing, boots and helmet to provide the required protection.

Approval

Approved for use as gloves for fire fighters onboard vessels.
Tested according to EN 659: 2003 + A1: 2008 and AC (2009)

Purpose

- Protective gloves designed for firemen to resist open fire, radiant heat, water immersion, general chemical and mechanical damage.
- It has strong heat resistance, flame retardant, waterproof, dexterity, grip, anti-cutting, perforation resistance and a certain comfort.

Specifications

- Colour: Black
- Wear Resistance(times): >8000 Level 4
- Cutting Resistance(blade): Index ≥ 2.5 Level 2
- Tear Strength(N): $\geq 50N$ Level 3;
- Puncture Strength(N): $\geq 150N$ Level 4
- Combustion Performance flame(s)/ After-flame time(s): ≤ 2 Level 4 / ≤ 5 Level 4
- Contact Temperature ()/Burning Time(s): 250 / ≥ 10
- Convective Heat: Conduction Index (HTI): HTI24 ≥ 18 Level 4
- Radiant Heat: Heat conduction(s): RHTI24 ≥ 20



Fireman Boots



Main features

FIREMAN SABF boots (safety toecap + anti-perforation midsole).

Excellent resistance to heat flows and contact with fire.

Excellent resistance to chemical products: fuels, oils, diluted and weak acids.

Excellent resistance to abrasions and cuts.

Used with chemical protective suits (satisfactory permeation tests according to EN 943-2).

Standard

- According to SOLAS 74/88 chapter II-2/10, as intended,
- IMO-Resolution MSC.36(63)-(HSC- Code 1994) 7;
- IMO-Resolution Msc.97(73)-(HSC-code 2000)7;
- IMO -Resolution MSC . 98(73)-(FSS-Code)

Compliance

FIRE PROTECTION REQUIREMENTS OF MARINE EQUIPMENT DIRECTIVE (MED)

Certificate EC type examination Module B+D

Specifications

- Colour: Black
- Polymer toe cap & Composite anti-perforation mid-sole
- Elastomer: fireproofed NBR / CR (Fireproofed nitrile/polychloroprene rubber)
- Puncture Strength(N): $\geq 150N$ Level 4
- Combustion Performance flame(s)/ After-flame time(s): ≤ 2 Level 4 / ≤ 5 Level 4
- Contact Temperature °C/Burning Time(s): 250 / ≥ 10
- Convective Heat: Conduction Index (HTI): HTI24 ≥ 18 Level 4
- Radiant Heat: Heat conduction(s): RHTI24 ≥ 20



Fire Helmet



Main Features

The helmet is standardly delivered with the aluminized neck protector and clear visor.

- Helmet material: impact and temperature resistance copolymer
- Temperature resistance: 140°C for 30 min, 250°C for 15 min
- Visor material: Polycarbonate
- Visor performance: Anti-scratch and anti-fog
- Interior shock absorber material: polyurethane foam
- Integrated adjustment system: ranging from 52 - 64cm
- Reflective tapes: visible from both sides and in all condition
- Chinstrap material: Flame retardant cotton

Approval

Certificate: EC type examination certificate Module B+D

Notified body: DNV GL

European standard: EN 443/2008)

Specifications

- Electrical insulation capacity: E2
- Interior shock absorber for excellent shock absorption properties
- Resistance to penetration of sharp objects
- Reflective elements for better visibility in low light conditions
- Includes a neck protector
- Three-point chinstrap (fire-retardant aramid tape, tested to prevent skin irritation)
- Chemical resistance
- Resistance to flames and radiant heat
- Resistance to hot solids and molten metals

