

Product Specification Sheet

OCQ-3

Product Description

A durable, multi-risk, flame-resistant protective coverall designed specifically for demanding oil and gas industry environments.

Constructed from **flame-resistant cotton-nylon fabric**, the coverall combines protection against **heat and flame, electric-arc hazards, electrostatic discharge and light chemical splashes** with enhanced resistance to **oil, grease, water and light chemical splashes**. The cotton-rich construction ensures maximum comfort, while nylon fibres improve durability and tear resistance.

Designed for hazardous environments. Built for durability. Engineered for multi-risk protection.

Material Specifications

Specification	Details
Fabric Weight	260 g/m ²
Composition	87% Cotton / 12% Nylon / 1% Carbon Antistatic
Fabric Construction	Satin 4/1
Fabric Width	150 ± 2 cm
Primary Application	Heat and flame protective clothing
Flame Performance	Flame-retardant and self-extinguishing
Antistatic Performance	Carbon antistatic yarn
Additional Protection	Resistance to oil, grease, water and light chemical splashes

OCQ-3 is a multifunctional flame-retardant cotton-nylon coverall with integrated antistatic carbon yarn.

Key Characteristics

Flame and Heat Protection

OCQ-3 is a flame-retardant, self-extinguishing coverall, designed to protect against flame, sparks and thermal hazards.

The coverall is certified to **EN ISO 11612** for protection against heat and flame.

Its listed performance includes:

- **A1** – Limited flame spread
- **A2** – Limited flame spread
- **B1** – Convective heat
- **C1** – Radiant heat
- **E3** – Molten iron splash
- **F1** – Contact heat

***Flame Retardant HT – Reflective tape**

Electric-Arc Protection

OCQ-3 is certified to **EN 61482-2, APC 1** for protection against the thermal hazards of an electric arc.

***HRC Level 2 requirements**, with an **ATPV of 8.2 cal/cm²**.

Antistatic Performance

The fabric incorporates **carbon antistatic yarn** to help dissipate static electricity.

OCQ-3 is certified to **EN 1149-5** for electrostatic-dissipative protective clothing materials.

Suitable for Explosive-Risk Environments

The integrated antistatic fibres help dissipate electrostatic charge and reduce the potential for electrostatic discharge.

Enhanced Tear Resistance

The combination of cotton and nylon provides increased durability and tear resistance.

Durable Nylon Reinforcement

The 12% nylon content contributes to the fabric's mechanical strength and durability.

Multi-Risk Protection

Resistance to Oil and Grease

OCQ-3 incorporates a multi-risk treatment designed to provide additional resistance to oil and grease.

Water Resistance

OCQ-3 is designed to resist water soaking through the material.

Light Chemical Splash Protection

OCQ-3 is certified to **EN 13034**, relating to protection against light splashes of liquid chemicals.

- Sulphuric acid
 - Sodium hydroxide
 - o-Xylene
 - Butanol
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Functional Pocket Design

Appropriately positioned pockets incorporated for the storage of essential equipment and tools.

Reinforced High-Wear Areas

Additional reinforcement in areas subject to increased abrasion, such as:

- Knees

- Wrists
 - Seat
 - Lower legs
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Performance Benefits

- **Flame-retardant and self-extinguishing**
 - **Protection against heat and flame**
 - **Protection against sparks**
 - **Electric-arc protection**
 - **APC 1 electric-arc performance**
 - **ATPV of 8.2 cal/cm²**
 - **Antistatic performance**
 - **Carbon antistatic yarn**
 - **Helps dissipate static electricity**
 - **Suitable for explosive-risk environments when correctly incorporated into a certified garment system**
 - **Enhanced tear resistance**
 - **Durable cotton-nylon construction**
 - **Resistance to oil and grease**
 - **Water-resistant performance**
 - **Protection against light chemical splashes**
 - **Flame retardant HT reflective bands**
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Certified Performance

OCQ-3 has documented -level performance under several relevant protective standards.

Standard	Protective Area
EN ISO 11612	Protection against heat and flame
EN ISO 11611 Class 1	Protective clothing for welding and allied processes
EN 61482-2 APC 1	Protection against thermal hazards of an electric arc
EN 1149-5	Antistatic protective clothing
EN 13034	Protection against light chemical splashes
EN 20471	High-Visibility protective clothing
EN 469	Protective clothing for firefighters — structural firefighting
OEKO-TEX® STANDARD 100 Tested for harmful substances	
