

Product Specification Sheet

OCQ-2

Product Description

A lightweight flame-resistant and antistatic protective coverall designed for demanding oil and gas industry environments, particularly in warm and hot climates.

Constructed from **flame-resistant fabric**, the coverall combines **flame protection, antistatic performance and natural cotton comfort** in a lightweight construction.

This coverall is effective against **flash fire, sparks, radiant heat and electrostatic discharge**.

Lightweight protection. Natural comfort. Designed for demanding environments.

Material Specifications

Specification	Details
Fabric Weight	220 g/m ²
Composition	99% Cotton / 1% Carbon Antistatic
Fabric Construction	Twill 2/1
Fabric Width	152 ± 2 cm
Primary Application	Heat and flame protective clothing
Flame Protection	Flame-retardant, self-extinguishing
Antistatic Performance	Carbon antistatic yarn
Recommended Use	Lightweight FR garments and hot climates

OCQ-2 is a lightweight flame-resistant coverall made primarily from natural cotton and incorporates carbon antistatic yarn.

Key Characteristics

Lightweight Construction

At **220 g/m²**, the fabric provides a lightweight solution for protective workwear.

Flame-Retardant Protection

OCQ-2 is designed as a flame-retardant, self-extinguishing coverall that provides protection against flame, sparks and radiant heat.

Protection Against Heat and Flame

The coverall is certified to **EN ISO 11612** for heat and flame protective clothing.

Its listed performance includes:

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

***Flame Retardant HT – Reflective tape**

Antistatic Performance

The coverall incorporates **1% carbon antistatic fibres**, integrated into the fabric structure.

The antistatic yarn helps dissipate electrostatic charge and reduce static electricity accumulation.

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

Suitable for Explosive-Risk Environments

The carbon antistatic yarn is designed to help dissipate static electricity and reduce the risk of electrostatic discharge.

*intended for **ATEX and explosive-risk environments**,

Breathable Lightweight Performance

The lightweight cotton construction and classic twill weave provide a comfortable balance between protection and comfort.

Performance Benefits

- **Lightweight 220 g/m² construction**
 - **Flame-retardant and self-extinguishing properties**
 - **Protection against flame and sparks**
 - **Protection against radiant heat**
 - **Antistatic performance**
 - **Carbon antistatic yarn**
 - **Helps dissipate electrostatic charge**
 - **Suitable for consideration in explosive-risk environments**
 - **Comfortable for extended shifts**
 - **Suitable for hot climates**
 - **Flame retardant HT reflective bands**
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Functional Pocket Design

Pockets incorporated for practical storage of essential equipment and tools.

Certified Performance

OCQ-2 has documented fabric-level performance under several relevant standards.

Standard	Protective Area
EN ISO 11612	Protection against heat and flame

Standard	Protective Area
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 20471	High-Visibility protective clothing
EN 469	Protective clothing for firefighters — structural firefighting
NFPA 2112	Protective clothing against flash fire
OEKO-TEX® STANDARD 100 Tested for harmful substances	

The fabric's listed EN ISO 11612 performance is **A1, A2, C1, E3 and F1**.
