

Product Specification Sheet

OCQ-6

Product Description

A durable, multi-risk protective coverall designed for personnel working in demanding oil and gas, petrochemical and industrial environments.

The coverall combines **protection against heat and flame, electric-arc hazards, electrostatic discharge and light chemical splashes** with excellent durability and comfort.

An additional **Multi-Risk treatment** provides additional resistance to **water, oil, grease, acids and alkalis**, making the coverall particularly suitable for demanding oil and gas operations.

Material Specifications

Specification	Details
Fabric Weight	300 g/m ²
Composition	80% Cotton / 19% Polyester / 1% Carbon Antistatic
Fabric Construction	Twill 2/2
Fabric Width	152 ± 2 cm
Primary Application	Heat and flame protective clothing
Flame Performance	Flame-retardant and self-extinguishing
Antistatic Performance	Carbon antistatic yarn
Electric-Arc Protection	APC 1
Arc Rating	ATPV 9.6 cal/cm ² / ELIM 8.2 cal/cm ²
Chemical Splash Protection	EN 13034 Type 6
High-Visibility Option	HV Yellow
Additional Protection	Multi-Risk treatment

OCQ-6 was developed specifically for workers in the oil and gas industry.

Key Characteristics

Flame and Heat Protection

OCQ-6 is a flame-retardant, self-extinguishing coverall designed to protect against heat, flame, sparks and thermal hazards.

OCQ-6 has documented performance according to **EN ISO 11612**.

- **A1** – Limited flame spread
- **A2** – Limited flame spread
- **B1** – Convective heat
- **C1** – Radiant heat
- **D1** – Molten aluminium splash
- **E3** – Molten iron splash
- **F1** – Contact heat

***Flame Retardant HT – Reflective tape**

Electric-Arc Protection

OCQ-6 provides documented electric-arc protection.

- **APC 1** classification under EN 61482-2
 - **ATPV: 9.6 cal/cm²**
 - **ELIM: 8.2 cal/cm²**
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Antistatic Performance

OCQ-6 incorporates **1% carbon antistatic fibre**.

This helps dissipate electrostatic charge and reduce static electricity accumulation.

*documented performance according to **EN 1149-5**.

Suitable for Explosive-Risk Environments

The carbon antistatic yarn helps dissipate electrostatic charge.

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

Enhanced Tear Resistance

The combination of cotton and polyester provides greater tear resistance than a comparable pure cotton fabric.

Polyester Durability

The **19% polyester content** improves the mechanical performance of the fabric.

Benefit:

- Improved durability
 - Increased tear resistance
 - Enhanced tensile strength
 - Improved resistance to repeated wear
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Multi-Risk Protection

Multi-Risk treatment provides additional resistance to industrial contaminants and hazards such as:

- Water
 - Oil
 - Grease
 - Acid splashes
 - Alkali splashes
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Light Chemical Splash Protection

OCQ-6 has documented performance according to **EN 13034 Type 6**.

Functional Pocket Design

Appropriately positioned pockets incorporated for essential tools and equipment.

High-Visibility Performance

POSEIDON-300 is available in **HV Yellow** and has documented material performance according to **EN ISO 20471**.

Performance Benefits

- Flame-retardant and self-extinguishing
- Protection against heat and flame
- Protection against sparks
- Convective heat protection
- Radiant heat protection
- Contact heat protection
- Protection against molten metal splashes
- Electric-arc protection
- APC 1 classification
- ATPV of 9.6 cal/cm²
- ELIM of 8.2 cal/cm²
- Antistatic performance
- Carbon antistatic yarn
- Helps dissipate electrostatic charge
- Enhanced tear resistance
- Durable polyester reinforcement
- Light chemical splash protection
- Resistance to oil and grease
- Water-repellent performance
- Resistance to acid and alkali splashes
- High-visibility
- Flame retardant HT reflective bands

Certified Performance

OCQ-6 has documented-level performance according to the following 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 61482-1-1	Electric-arc protection — open-arc testing
EN 1149-5	Antistatic protective clothing
EN 13034 – Type 6	Protective clothing against light chemical splashes
EN ISO 20471	High-visibility protective clothing
EN ISO 15797	Industrial laundering of workwear
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

*documented arc performance includes **ATPV 9.6 cal/cm²**, **ELIM 8.2 cal/cm²**, and **APC 1**.
