

Product code:

CHALLENGER

Multi-hazard, reflective



EN ISO 13688:
2013



EN 11612
A1 B1 C1 E3 F1



EN ISO 11611
Class x



prEN 1149-5



IEC
61482-2



EN 20471



OEKO-TEX®
STANDARD 100



EN 13034:2005+
A1:2009 Class 3



EN ISO 14116

The CHALLENGER coverall is purpose-engineered for professionals operating across diverse high-risk sectors, especially those in warm climates. It's constructed from advanced fabric, a lightweight 245gsm blend featuring 80% long-staple cotton, 19% polyester, and 1% antistatic yarn, meticulously woven in an original 2/2 twill. This fabric's rich cotton content provides the inherent comfort and breathability of natural fibers, fortified by polyester for superior resilience against tears and abrasion. With its integrated antistatic carbon yarn, the fabric delivers crucial flame-retardant and antistatic properties, offering exceptional defense against flash fire and ESD sparks. The CHALLENGER coverall delivers an optimal blend of comfort, agility, and robust multi-hazard protection, making it an essential garment for professionals in industries like petrochemicals, utilities, and other challenging fields where safety cannot be compromised.

FEATURES

Advanced Fabric Technology

Innovative lightweight flame-retardant fabric (245 gsm) with a 2/2 twill weave

Integrated antistatic carbon yarn into the fabric to safely dissipate static

electricity, preventing ignition in explosive atmospheres

Composition of fabric – 80% cotton, 19% polyester, 1% antistatic

High tear resistance and extended garment life cycle

Multi-risk protection against fire, acids, oil, grease, and water

Safety & Compliance

Hi-Vis yellow base color with contrasting navy reinforcements

Designed for enhanced visibility to improve wearer safety in various work environments

Reflective tape 50 mm (2.0 in) on shoulders, arms, waist and back for enhanced 360° visibility

Two reflective tapes on arms and waist for maximum visibility

Offers anti-static properties

Electric arc protection rated at 10 cal/cm²

Delivers protection against liquid chemical splashes

Adheres to rigorous safety and quality standards, providing reliable and trusted protection

Safe for use in explosive atmospheres thanks to ESD protection

Functional & Comfortable Design

Multiple utility pockets: chest, pen, mobile telephone/walkie-talkie and sleeve pocket; two side, one back, torch / hammer and cargo leg pockets

Action back and elastic waistband for increased mobility and comfort

Two radio/gas loops

Adjustable at: wrists and waist

Velcro strips for rank badges (additional strips can be added)

Two-way zipper closure

Industrial washable, breathable and abrasion-resistant

STANDARDS

CE Certified, EN ISO 13688:2013 (General requirements)

EN ISO 11612:2015, A1 A2 B1 C1 E3 F1 (Flame-resistant)

EN ISO 11611:2015 Class I (Welding), EN 1149-5:2018 (Anti-static)

EN 13034:2005+A1:2009 (Liquid chemicals)

EN 61482-1 10 cal/cm² (Electric arc), EN 61482-2 Class I (Electric arc)

EN ISO 14116 INDEX 3 (Flame-resistant)

EN ISO 20471:2013 (High-visibility clothing)

OEKO-TEX® Standard 100

Size: S, S, M, L, XL, XXL, 3XL, 4XL, 5XL, 6XL, 7XL (custom sizes available)

Color: Grey, orange, navy, royal, black, red, HV yellow, white