



IBQ-FXP-007

**FLAME RESISTANT
REINFORCEMENT BUILT
FOR REAL WORK**

YOU DO. WE PROTECT.

IBQ®
TEXTILES PROTECTING LIVES

THE TECHNICAL REINFORCEMENT FOR FIRE, HEAT AND HARD WORK.

When heat and flame are part of the job, fabrics become safety components—not just textiles. Real workwear protection must go beyond ignition resistance, staying strong against friction, tearing, repeated wear, and demanding environments. That's the aim of IBQ-FXP-007: a flame-resistant reinforcement fabric engineered to deliver FR protection and mechanical strength in one durable solution.

ENGINEERED FOR DURABILITY

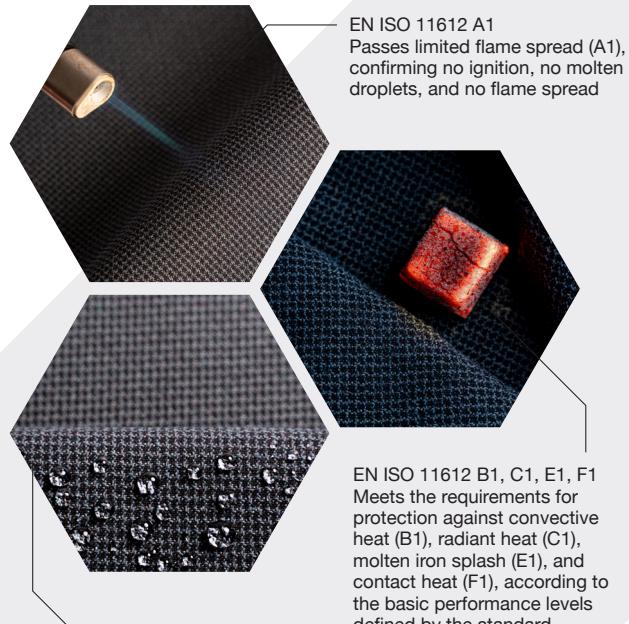
WIBQ-FXP-007 is an FR reinforcement fabric engineered with a blend of 39.5% modacrylic, 28% polyamide Cordura®, 17% cotton, 15% Kevlar®, and 0.5% antistatic fibers to provide durable protection in demanding environments. Modacrylic delivers inherent flame resistance and controlled carbonization, Cordura® improves abrasion performance, cotton adds comfort, Kevlar® increases tear strength and mechanical resistance, and antistatic fibers enhance safety where electrostatic risks matter. Woven in a derived plain weave at 280 gsm, it balances protection, durability, and practicality for reinforcement zones exposed to constant movement, friction, and harsh use.

INHERENT PROTECTION THAT LASTS OVER TIME

In demanding PPE use, fabrics rarely fail due to a single event; they degrade over time through repeated wear, friction, and mechanical stress. That's why abrasion resistance and long-term durability are central to IBQ-FXP-007. The fabric also uses inherently flame resistant fibers rather than chemical treatments, so flame resistance is built in at fiber level and does not diminish with washing, abrasion, or long-term use—ensuring consistent performance throughout the garment's lifespan, a critical requirement in professional PPE.

DESIGNED FOR PPE WORKWEAR AND HARSH ENVIRONMENTS

IBQ-FXP-007 is a flame resistant reinforcement fabric for PPE workwear, designed to combine certified flame protection with exceptional mechanical durability. Certified to EN 11612 (heat and flame), EN 11611 (welding and related thermal and mechanical hazards), and EN 1149 (electrostatic discharge control), it delivers significantly higher abrasion and tear resistance than conventional solutions, ensuring long-lasting protection under heat, mechanical stress, and prolonged use.



EN ISO 11612 A1
Passes limited flame spread (A1), confirming no ignition, no molten droplets, and no flame spread

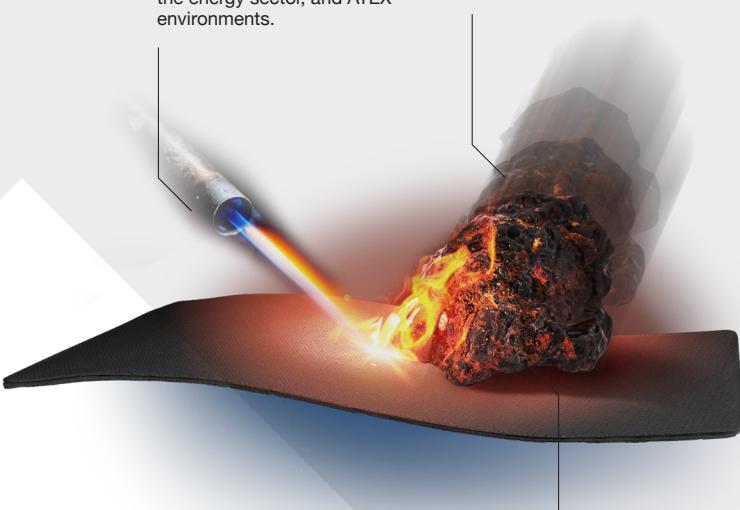


EN ISO 11612 B1, C1, E1, F1
Meets the requirements for protection against convective heat (B1), radiant heat (C1), molten iron splash (E1), and contact heat (F1), according to the basic performance levels defined by the standard.

A reinforcement-specific finish that can repel water and splashes, expanding its range of applications in demanding industrial environments.

Delivers exceptional mechanical durability, with high abrasion resistance and tear strength, ensuring reliable protection in demanding environments.

Suitable as a reinforcement for welding, industrial maintenance, the energy sector, and ATEX environments.



Designed to work in combination with the main fabric, it reinforces areas exposed to heat, flame and abrasion, optimising the overall performance of the textile system.

bluesign
SYSTEM PARTNER

Global Recycled Standard

OEKO-TEX®
STANDARD
100

ISO
901:2015



Scan this QR code to instantly discover all the advantages of IBQ's new IBQ-FXP-007 fabric.

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