



TECH INSIGHT

IBQ-FXP-007

**COMBIANTION OF
DURABILITY AND
FLAME RESISTANCE**

YOU DO. WE PROTECT.

**IBQ**[®]
TEXTILES PROTECTING LIVES

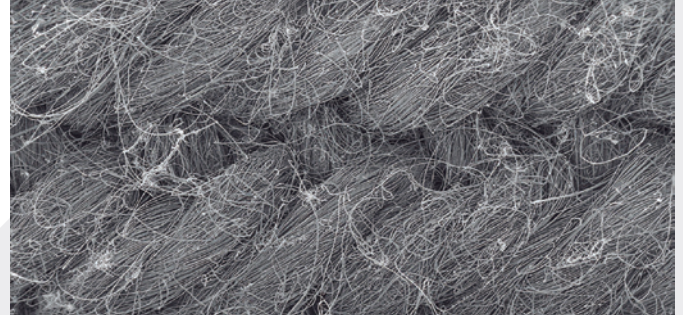
THE TECHNOLOGY INSIDE IBQ-MEC-007

IBQ-MEC-007 is a high-performance reinforcement fabric engineered for the demanding needs of multi-norm workwear. Its advanced construction combines Kevlar, Modacrylic, Cordura technology, and anti-static yarns, each selected for a specific protective function.

Woven together in a specially designed structure, these fibers work in synergy rather than independently. The result is a smart, multi-functional fabric that delivers strength, flame resistance, abrasion durability, and static control in one solution. Designed for reinforcement panels, it provides long-lasting safety and performance exactly where it is needed most.

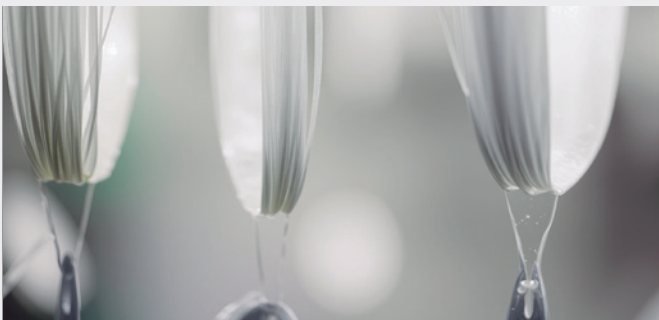
KEVLAR

Inside this fabric, Kevlar acts like a lightweight suit of armor. Originally developed for extreme protection gear, it's a super-strong fiber that helps the fabric resist cuts, tears, and heavy wear. Even though it's incredibly tough, it doesn't feel bulky, which means you get serious durability without sacrificing comfort. Think of it as the hidden strength layer quietly making the fabric much harder to damage.



MODACRYLIC

Modacrylic is the yarn that brings built-in flame resistance to the fabric. Instead of just being coated with a fire-retardant finish that can wash out over time, this fiber is naturally resistant to flames. In simple terms, it's designed not to ignite easily and to self-extinguish when the heat source is removed. It adds a layer of everyday safety while still feeling soft and wearable.



CORDURA

Built with fibers inspired by Cordura technology, this yarn is all about toughness and long life. It's known for standing up to scuffs, scrapes, and rough use — the kind of durability you'd expect from heavy-duty backpacks or workwear. In this fabric, it reinforces high-stress areas and helps the material keep its shape and look, even after repeated wear and washing.



ANTI-STATIC YARN

The anti-static yarn is the fabric's invisible control system for static electricity. It works by safely channeling away the tiny electric charges that build up from friction, preventing those annoying shocks and stopping sparks before they can form. This is especially important in dry environments or workplaces with sensitive equipment. In everyday terms, it keeps the fabric calm and controlled, even when conditions would normally create static cling or crackling.