# IBQ-FXP-006

## THE STRETCH FR REINFORCEMENT ENGINEERED FOR TOTAL MOBILITY

**YOU DO. WE PROTECT.**

IBQ®
TEXTILES PROTECTING LIVES

## PRODUCT CONCEPT

IBQ-FXP-006 is a 340 gsm multi-protective bi-stretch reinforcement fabric that combines flame resistance, antistatic performance, exceptional abrasion resistance, and durable water repellency with outstanding flexibility and comfort. Engineered for demanding industrial environments, it delivers unrestricted freedom of movement, long lasting durability, and reliable protection without compromising wearer comfort.

Available in two finishing options, IBQ-FXP-006 offers a versatile reinforcement platform for different performance requirements: WR and DWR. The WR finish features a PFAS-free water repellent treatment, providing a more sustainable solution for standard industrial applications. The DWR finish offers enhanced water repellency for more demanding environments where increased protection against moisture is required.

**ANTISTATIC**
Conductive yarns for ATEX & electrostatic discharge control

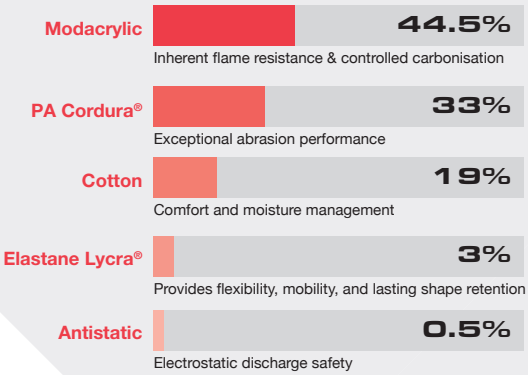
**WATER REPELLENT**
Reinforcement-specific finish for wet industrial environments

**INHERENT FR**
Flame resistance built at fiber level — won't wash out or degrade

**250K ABRASION**
Martindale cycles, far exceeding standard reinforcement fabrics

**BI - STRETCH COMFORT**
A construction for flexibility, wearer comfort and freedom of movement.

### FIBER COMPOSITION
5 FIBERS, 1 SYSTEM

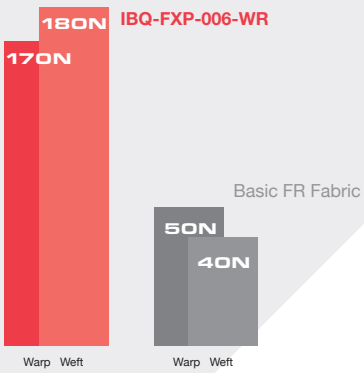



340 GSM* DERIVED PLAIN WEAVE

### ABRASION RESISTANCE
EN ISO 12947-2 · MARTINDALE CYCLES

EN ISO 12947-2 · Cycles to fabric breakdown

### TEAR RESISTANCE
STANDARD: EN ISO 13937-2




### INHERENT PROTECTION THAT LASTS OVER TIME

Built with inherently flame resistant fibers — not chemical treatments. FR performance doesn't diminish with washing, abrasion, or long-term use. Consistent protection throughout the full garment lifespan, a critical requirement in professional PPE.

### FULL CERTIFICATION PROFILE

| NORM | TEST DESCRIPTION | RESULT |
|---|---|---|
| | THERMAL PROTECTION — EN ISO 11612 | |
| A1 | Limited flame spread | PASS |
| | HEAT PROTECTION — EN ISO 17493 | |
| | Heat resistance | PASS |
| | MOTORCYCLE PROTECTIVE GARMENTS – EN 17092 | |
| AA ZONE 2 | MOTORCYCLE IMPACT ABRASION | PASS |

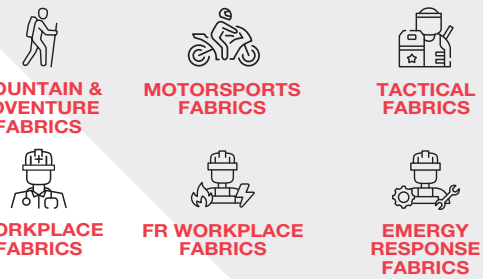
### HOW IT CAN BE USED

MAIN GARMENT FABRIC
REINFORCEMENT

Designed for demanding reinforcement applications, IBQ-FXP-006 enhances comfort, flexibility, and durability in high-wear areas while providing reliable multi-protective performance where reinforcement is needed.

### END USE RECOMMENDATION

### TARGETTED END USES




✓ BLUESIGN® ✓ OEKO-TEX® 100 ✓ GRS ✓ ISO 9001

Scan this QR code to instantly discover all the advantages of IBQ's new IBQ-FXP-006 fabric.

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