

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

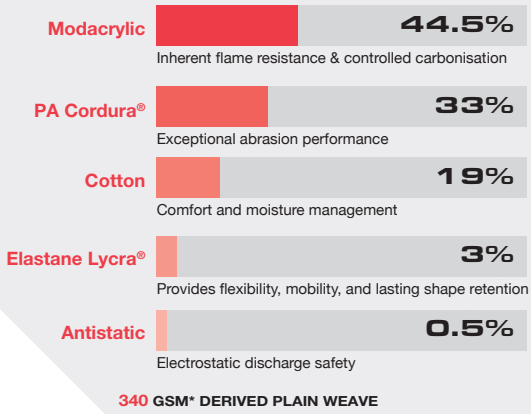
WATER REPELLENT
Reinforcement-specific finish for wet industrial environments

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



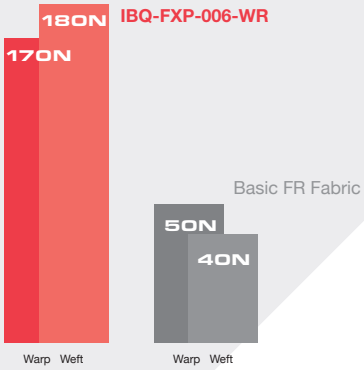
340 GSM* DERIVED PLAIN WEAVE

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 maximum versatility, IBQ-FXP-006 can be used as both a main garment fabric and a reinforcement. It enhances comfort, flexibility, and durability in high wear areas while delivering reliable multi-protective performance throughout the garment.

END USE RECOMMENDATION

OUTERWEAR
REINFORCEMENT
FOOTWEAR

TARGETTED END USES

MOUNTAIN & ADVENTURE FABRICS
MOTORSPORTS FABRICS
TACTICAL FABRICS
WORKPLACE FABRICS
FR WORKPLACE FABRICS
EMERGY RESPONSE FABRICS

✓ 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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