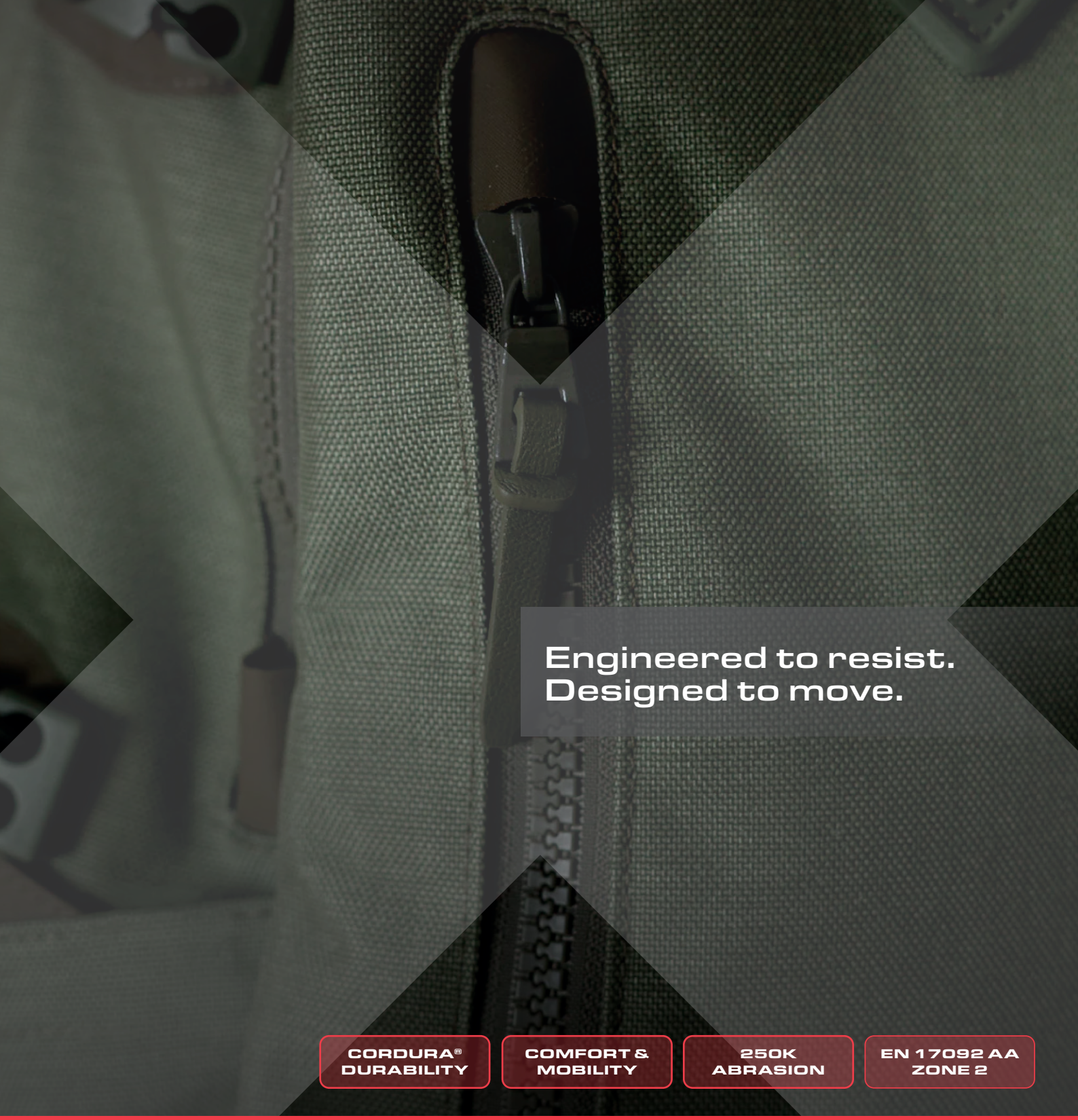


IBQ-MEC-514

CORDURA® DURABILITY WITH COMFORT AND MOBILITY

YOU DO. WE PROTECT.

IBQ®
TEXTILES PROTECTING LIVES

25% STRETCH,
> 95% RECOVERY
> 250K MARTINDALE ABRASION
EN 17092 AA ZONE 2
VARIOUS FINISHES AVAILABLE

IBQ-MEC-514-WR / DWR / CAM-DWR
94% PA Cordura® - 6% EA Lycra®

IBQ-MEC-514-JRS-WR
94% PA Cordura® - 6% EA Lycra® + 55% PES - 45% PU

PRODUCT CONCEPT

IBQ-MEC-514 is a high-performance Cordura® stretch plain weave fabric developed for tactical, outdoor, motorsports and technical workwear applications. Built with 94% Polyamide Cordura® and 6% Elastane (Lycra®), it combines abrasion resistance, high tensile strength, tear resistance, water repellency and **ergonomic** wearer comfort in a 260 g/m² construction.

Available in four different versions, IBQ-MEC-514 creates one technical performance platform with multiple finishing routes: WR, DWR, CAM-DWR and JRS-WR. The JRS-WR version adds a waterproof and breathable PU membrane with polyester jersey backing, increasing the weight to 330 g/m² for **protection against extreme weather conditions. An engineered and visually matching seam tape is also available in 20 mm, 22 m and 100 mm widths.**

CORDURA® DURABILITY
94% Polyamide Cordura® construction for abrasion resistance, tear resistance and long-lasting performance in demanding environments.

250K ABRASION
Minimum 250,000 Martindale cycles according to EN ISO 12947-2.

TEAR RESISTANCE
Up to 290 N warp and 180 N weft in the IBQ-MEC-514-WR version, according to EN ISO 13937-2.

WATER REPELLENT
Spray test rating ISO 4-5 according to EN ISO 4920, supporting outdoor and wet-condition applications.

COMFORT & MOBILITY
6% Elastane Lycra® provides stretch, flexibility, recovery and freedom of movement for garments that need to perform without restricting the wearer.

EN 17092 AA ZONE 2
Motorcycle Impact Abrasion Test - AA Zone 2.

HIGH TENSILE STRENGTH
Up to 2700 N warp and 1600 N weft depending on version, according to UNE-EN ISO 13934-1.

3-LAYER LAMINATED OPTION
IBQ-MEC-514-JRS-WR adds waterproof and breathable protection through a PU membrane and polyester jersey backing and engineered matching seam tape availability.

ABRASION RESISTANCE



Combining durability with comfort, IBQ-MEC-514 achieves over 250,000 Martindale cycles while maintaining excellent stretch and mobility. This represents more than double the abrasion resistance of a typical stretch benchmark fabric.

CERTIFICATION PROFILE

TEST	RESULT	ENTITY	STANDARD
Motorcycle impact abrasion test	AA Zone 2	OMEGA	EN 17092

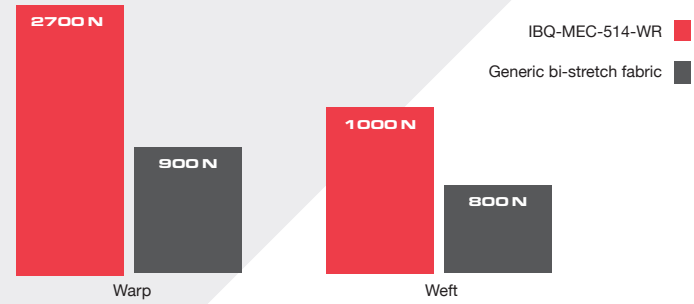
Applicable to:
IBQ-MEC-514-WR, IBQ-MEC-514-DWR AND IBQ-MEC-514-CAM-DWR

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

FIELDS OF APPLICATION

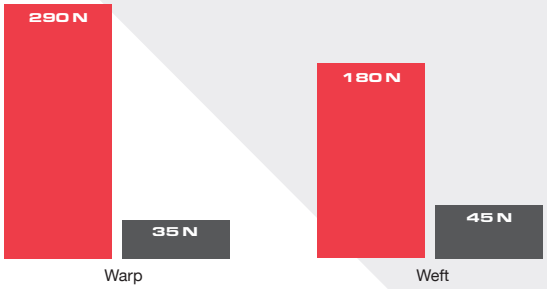
MOTORSPORTS · MOUNTAIN & ADVENTURE · WORKPLACE · TACTICAL · EMERGENCY RESPONSE

TENSILE STRENGTH
STANDARD: UNE-EN ISO 13934-1



High tensile strength for demanding tactical, outdoor, motorsports and workwear applications.

TEAR RESISTANCE — TROUSER SHAPED
STANDARD: EN ISO 13937-2



Scan this QR code to discover the full technical advantages of IBQ-MEC-514 (WR, DWR, CAM-DWR and JRS-WR).

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YOU DO. WE PROTECT.