

Engineered to resist.
Designed to move.

**CORDURA®
DURABILITY**

**COMFORT &
MOBILITY**

**250K
ABRASION**

**EN 17092 AA
ZONE 2**

IBQ-MEC-514

**CORDURA® DURABILITY WITH
COMFORT AND MOBILITY**

YOU DO. WE PROTECT.

X 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 mm 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



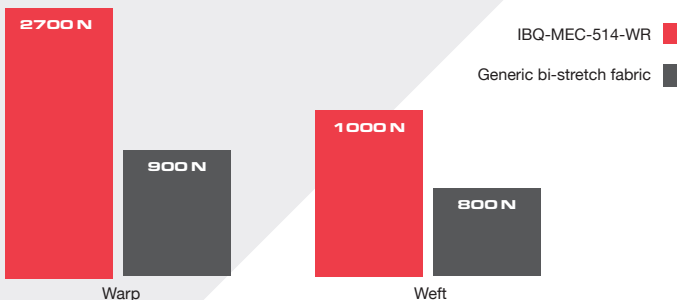
TACTICAL



**EMERGENCY
RESPONSE**

TENSILE STRENGTH

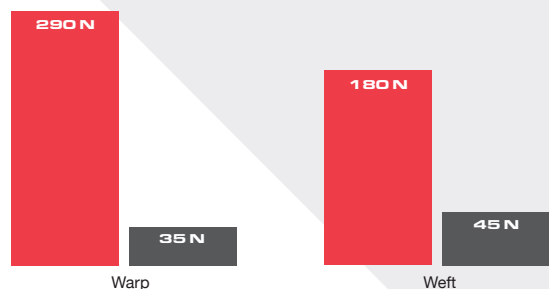
STANDARD: UNE-EN ISO 13934-1



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).

IBQ®
TEXTILES PROTECTING LIVES

**YOU DO.
WE PROTECT.**