

ARA-SHIELD



**DURABILITY WHERE
IT COUNTS**

ARA-SHIELD
KR 610 – 540 g/m²

DESIGNED FOR HIGH ABRASION

This fabric reinforces the most critical areas of your gear, offering more abrasion resistance and garment strength.

COATED FOR STRENGTH

Featuring a solid-polymer coating on both sides of its woven construction, Ara-Shield offers high-resistance to cuts and punctures.

OUTSTANDING THERMAL PROTECTION

An FR-polymer coating paired with its 100% para-Aramid woven fabric boasts exceptional thermal protection.

ARA-SHIELD

TECHNICAL DATA	ARA-SHIELD
Quality	KR 610
Weight ISO 3932	540 g/m ²
Composition	para-Aramid/solid polymer coating
Construction	Woven
Available finishes	Polymer coating

Thermal performance

Flame Spread EN ISO 15025	Before & After 5 Laundering Cycles	Compliant
Heat Resistance ISO 17493 (180 °C)	Before Laundering	≤ 5%

Physical performance

Tensile strength ISO 13934-1	Before Laundering	2300 N x 840 N
Abrasion Resistance ISO 12947-2	Before Laundering	≥ 250,000 rubs
Shrinkage ISO 5077	After 5 Laundering Cycles	≤ 3%

CERTIFICATION

Fire fighting	EN 469, NFPA 1971, AS 4967
Heat and Flame Resistance	EN ISO 11612 A1, A2, B2, C1, E3
Electrostatic Properties	EN 1149
Protection from mechanical risks: abrasion, blade cut, tear and puncture resistance	EN 388, EN 530

COLOURS

Black 2389	Gold 2387
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Sunlight/UV Exposure Advisory: Prolonged sunlight and UV exposure can be damaging to aramid fibres. Both natural (undyed) and dyed aramid fibres will fade or change colour with exposure to sunlight or other UV sources. The thermal performance is not affected, but long term or repeated exposures will cause the fabric to gradually weaken. Garments should be stored so that they are protected from sunlight, including windows and bay doors, to maximize wear life. TenCate Protective Fabrics offers no warranties, implied or otherwise, for colour change or fabric damage due to UV exposure.

Ten Cate Protect B.V. is
certified according:



Member of:



**STANDARD
100**
1904025
Centexbel

All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics Europe declines any form of liability related to the use of the attached specimen that shall be regarded as a sample only and therefore not meant to be used in any form of garment making.