

# | ARA-SHIELD®



## DURABILITY WHERE IT COUNTS

### 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®
Nominal Weight	542 g/m <sup>2</sup> (16.0 osy)
Construction	Woven
Fiber Content	Para-aramid/solid polymer coating
Finish	Polymer coating
Certification	NFPA 1971

## Thermal Performance

Flame Resistance NFPA 1971	Before laundering and after 5 laundering cycles	Compliant
Heat Resistance NFPA 1971	Before laundering and after 5 laundering cycles	≤ 2%

## Physical Performance

Trapezoid Tear ASTM D5587	Before laundering	29 x 12 lbf (129 x 53 N)
Shrinkage AATCC 135	After 5 laundering cycles	≤ 2%
Abrasion Resistance ASTM D3884		9,500 cycles

## AVAILABLE COLORS

Black 2389	Gold 2387
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**Sunlight/UV Exposure Advisory:** Prolonged sunlight and UV exposure can be damaging to aramid fibers. Both natural (undyed) and dyed aramid fibers will fade or change color 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 color change or fabric damage due to UV exposure.

TenCate Protective Fabrics  
is certified according:



All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics 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.