

# | AGILITY®



## BALANCED STRENGTH, EXCEPTIONAL PROTECTION

### OPTIMAL BALANCE

Made with Enforce® technology and weighing only 6.6 ounces per square yard, Agility® offers an optimized blend of strength and protection to weight ratio.

### EXCEPTIONAL THERMAL PROTECTION

Agility® is engineered with a blend of Kevlar® and PBO® fibers, delivering an elevated level of thermal protection.

### BUILT FOR STRENGTH

Agility® delivers exceptional abrasion resistance thanks to a unique Kevlar® blend and integrated Enforce™ Technology.

# AGILITY®

TECHNICAL DATA*	AGILITY®
Nominal Weight	6.6 osy (224 gsm)
Construction	Woven (Twill)
Fiber Content	Meta-Aramid, para-Aramid, PBO
Finish	FreeFAS™
Certification	NFPA 1971

## Thermal Performance

Flame Resistance ASTM D6413	Before laundering and after 5 laundering cycles	Compliant
Thermal Shrinkage NFPA 1971	Before laundering and after 5 laundering cycles	< 1.0 %
Thermal Protective Performance (TPP) ISO 17492		Up to 51.8

## Physical Performance

Tensile Strength ASTM D5043 (warp x fill)	Before laundering	400 x 390 lbf (1,779 x 1,734 N)
	After 10 laundering cycles	375 x 330 lbf (1,668 x 1,468 N)
Trapezoid Tear ASTM D5587 (warp x fill)	Before laundering	55 x 50 lbf (245 x 222 N)
	After 5 laundering cycles	45 x 45 lbf (200 x 200 N)
Shrinkage AATCC 135	After 5 laundering cycles	< 3.0 %
Water Absorption AATCC 42	Before laundering	< 15 %
	After 5 laundering cycles	< 15 %

## Comfort

Total Heat Loss (THL) ASTM F1868	Up to 299
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## AVAILABLE COLORS

Light Gold	Dark Gold	Black Gold
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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.



STANDARD  
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TenCate Protective Fabrics  
is certified according:



Corporate  
Social  
Responsibility

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.