AGILITY®

BALANCED STRENGTH, EXCEPTIONAL PROTECTION

OPTIMAL BALANCE

Weighing in at 6.6 ounces per square yard, Agility® offers the optimal blend of strength and protection to weight ratio.

EXCEPTIONAL THERMAL PROTECTION

Agility® is engineered with a blend of Kevlar® and PBO® fiber, delivering market-leading protection to thermal exposure.

BUILT FOR STRENGTH

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

TenCate protectivefabrics | *made for life*

AGILITY®

TECHNICAL DATA*		AGILITY®
Nominal Weight		6.6 osy (224 gsm)
Construction		Woven
Colors		Light Gold, Dark Gold, Black Gold
Fiber Content		Meta-Aramid, Para-Aramid, PBO
Finish		FreeFAS™
Certification		NFPA 1971
Flame Resistance		
Vertical Flame NFPA 1971	After Flame	< 2.0 sec
	Char Length	< 0.3 in (< 8 mm)
	5x After Wash: After flame	< 2.0 sec
	5x After Wash: Char Length	< 1.0 in (< 25 mm)
Tensile Strength ASTM D5034 (Warp x Fill)	Initial	< 1.0 percent
	5x after wash	< 1.0 percent
Thermal Protective Performance NFPA 1971		Up to 51.8
Physical Testing		
Tensile Strength ASTM D5043 (warp x fill)	Initial	400 x 390 lbf (1,779 x 1,734 N)
	10x after wash	375 x 330 lbf (1,668 x 1,468 N)
Trapezoid Tear ASTM D5587 (warp x fill)	Initial	55 x 50 lbf (245 x 222 N)
	5x after wash	45 x 45 lbf (200 x 200 N)
Dimensional Stability AATCC 135		< 3.0 %
Comfort		
Total Heat Loss NFPA 1971		Up to 299
Water Absorption AATCC 42	Before Wash	< 15 %
	5x after wash	< 15 %

AVAILABLE COLORS

Light Gold | Dark Gold | Black Gold

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.

MADE IN USA WITH GLOBAL COMPONENTS

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

TenCate Protective Fabrics is certified according: ISO 9001 BUREAU VERITAS Certification

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.

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