

| AGILITY®



WHERE TECHNOLOGY & PROTECTION MEET

MAXIMUM PROTECTION IN A LIGHTER WEIGHT FABRIC

Agility® weighs in at 6.6 ounces per square yard making it a great lighter weight option.

EXCELLENT STRENGTH AFTER THERMAL EXPOSURE

Agility® is engineered with a blend of Kevlar® and PBO® fiber to deliver maximum protection after thermal exposure.

LESS WEIGHT MEANS LESS RISK OF HEAT STRESS

The use of a twill weave in lightweight fabric design delivers greater comfort and ease of movement so firefighters can act faster and stay on the job longer.

AGILITY®

TECHNICAL DATA*		TENCATE AGILITY®
Nominal Weight		6.6 osy (225 gsm)
Construction		Woven (Twill)
Made in America		Yes
Finish		Super Shelltite™
Certification		NFPA 1971
Composite Testing		
TPP NFPA 1971	UL Certified	Up To 51
THL NFPA 1971	UL Certified	Up To 299
Strength/Durability		
Trap Tear ASTM 5587, NFPA 1971 (Warp x Fill)	Initial	55 x 50 lbf (245 x 222 N)
	5x after wash	45 x 45 lbf (200 x 200 N)
Tensile Strength ASTM D5034 (Warp x Fill)	Initial	400 x 390 lbf (1,779 x 1,735 N)
	10x after wash	375 x 330 lbf (1,668 x 1,468 N)
Thermal Testing		
Thermal Shrinkage NFPA 1971	Initial	< 1.0 percent
	5x after wash	< 1.0 percent
Flammability - After Flame ASTM D6413	Initial	< 2.0 sec
	5x after wash	< 2.0 sec
Flammability - Char Length ASTM D6413	Initial	< 0.3 in (< 8.0 mm)
	5x after wash	< 1.0 in (< 25.0 mm)

* All values subject to final certification and specification

** Tested on specific colors

AVAILABLE COLORS		
Light Gold	Dark Gold	Black Gold
<p>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.</p>		

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.