

ADVANCE™ 220



**DURABLE FABRIC
THAT STANDS UP TO
ANY CHALLENGE.**

PROVEN DURABILITY

ADVANCE™ fabric contains high strength para-aramid fiber in a tough rip-stop construction with an abrasion resistant, water repellent finish to make it the most robust and durable outer shell fabric.

MADE FOR COMFORT

ADVANCE™ 220 is lightweight and breathable to enhance firefighter mobility and maximize heat release.

OUTSTANDING DUAL-CERTIFIED PROTECTION

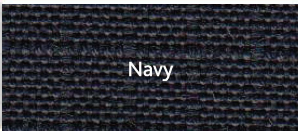




ADVANCE™ has NFPA1971 UL certification, EN 469 compliance, EN 1149-5 (electrostatic dissipation) compliance.

ADVANCE™ 220

TECHNICAL DATA*		TENCATE ADVANCE™ 220
Nominal Weight		6.5 osy (220 gsm)
Construction		Ripstop
Colors		Khaki, Orange, Yellow, Gold, Navy, Spruce, Black, Red
Fiber Content		Meta-Aramid, Para-Aramid, Anti-Stat
Finish		Durable Water Repellent
Certification/Compliant		NFPA 1971, EN 469
Flame Resistance		
Residual Strength Average Initial: After flame Initial: Char Length 5x After Wash: After flame 5x After Wash: Char Length	NFPA 1971	< 2.0 sec < 0.8 in (< 20 mm) < 2.0 sec < 0.8 in (< 20 mm)
Thermal Shrinkage Initial 5x After Wash	NFPA 1971	< 1.0 percent < 1.0 percent
Thermal Protective Performance	NFPA 1971	Up to 43.0
Strength/Durability		
Tensile Strength Initial (warp x fill) 10x After Wash (warp x fill)	ASTM D5043	1,301 x 1,235 N 1,249 x 1,178 N
Trapezoid Tear Initial (warp x fill) 5x After Wash (warp x fill)	ASTM D5587	179 x 148 N 164 x 137 N
Dimensional Stability	AATCC 135	5.0 percent
Comfort		
Total Heat Loss	NFPA 1971	Up to 258
Water Absorption Before Wash 5x After Wash	AATCC 42	< 1.0 percent < 4.0 percent

* All values subject to final certification and specification.

** Tested on specific colors.

AVAILABLE COLORS		
 Navy	 Black	<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>
 Yellow	 Gold	
 Khaki		

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.