

| ADVANCE™



TRUSTED TO PROTECT

FIELD-PROVEN

Trusted for over 20 years, Advance™ features a time-tested Nomex® / Kevlar® blend for field-proven performance.

WOVEN FOR STRENGTH

A solid ripstop weave looks great while standing up to harsh environments in and around the fireground.

WIDE COLOR PALETTE

Available in a wide range of colors for use in a wide range of industries.

ADVANCE™

| TECHNICAL DATA | | ADVANCE™ |
|--|---|--|
| Nominal Weight | | 7.2 osy (244 gsm) |
| Construction | | Ripstop twill |
| Colors | | Khaki, Navy, Gold, Black, Yellow, Spruce Green |
| Fiber Content | | Meta-Aramid, Para-Aramid |
| Finish | | Super Shelltite™ |
| Certification/Compliant | | NFPA 1971, NFPA 1975, NFPA 1977 |
| Flame Resistance | | |
| Vertical Flame Initial: After flame Initial: Char Length 5x After Wash: After flame 5x After Wash: Char Length | NFPA 1971 | < 2.0 sec < 1.0 in (< 25 mm) < 2.0 sec < 2.0 in (< 50 mm) |
| Thermal Shrinkage Initial 5x After Wash | NFPA 1971 | < 1.0 percent < 1.0 percent |
| Thermal Protective Performance | NFPA 1971 | Up to 50.0 |
| Strength/Durability | | |
| Tensile Strength Initial (warp x fill) 10x After Wash (warp x fill) | ASTM D5043 | 1,423 x 1,245 N 1,290 x 1,156 N |
| Elmendorf Tear (warp x fill) | ASTM D1424 | 200 x 150 N |
| Trapezoid Tear Initial (warp x fill) 5x After Wash (warp x fill) | ASTM D5587 | 222 x 178 N 200 x 178 N |
| Dimensional Stability | AATCC 135 | < 1.0 percent |
| Comfort | | |
| Total Heat Loss | NFPA 1977 | Up to 522 |
| Radiant Protective Performance Before Wash 5x After Wash | NFPA 1977 8.2 | 8 (> 7) 9 (> 7) |
| Water Absorption Before Wash 5x After Wash | AATCC 42 | < 6 percent < 5 percent |
| Appearance * | | |
| Color Fastness Laundering Shade Change Score 5 (Best) to 1 (Worst) | AATCC 61 3A Wash, 160°F 71°C Max, Stack Dry | 5 |
| Crocking Dry Wet | AATCC 8 | 5 4-5 |

* All values subject to final certification and specification.

** Tested on specific colors.

| STANDARD COLORS | | | |
|-----------------|-------|--------|---|
| Navy | Black | Yellow | 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. |
| Spruce Green | 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.