

TenCate Protective Fabrics
Caldura® Elite SL2
Data Sheet

GENERAL ATTRIBUTES

Nominal Weight (all layers).....7.7 osy (260 gsm)
Construction.....Woven facecloth quilted to non-woven batting
Colors.....Gold (facecloth)
Made in America.....Yes
Features.....COOLDERM™ Technology
Fiber Content (facecloth).....Aramid, FR Rayon and FR Nylon
Fiber Content (batting).....Aramid spun-lace
Quilt Thread.....Aramid
Certification(s).....NFPA 1971

FLAME RESISTANCE

Thermal Protective Performance (NFPA 1971)

Agility® & Gore® CROSSTECH® Black.....42 - 44
Kombat™ Flex & Gore® CROSSTECH® Black.....39 - 41
Kombat™ Flex & Stedfast Stedair® Gold.....39 - 41
Pioneer™ & Gore® CROSSTECH® Black.....40 - 42

Total Heat Loss (NFPA 1971)

Agility® & Gore® CROSSTECH® Black.....270 - 290
Kombat™ Flex & Gore® CROSSTECH® Black.....250 - 270
Kombat™ Flex & Stedfast Stedair® Gold.....265 - 275
Pioneer™ & Gore® CROSSTECH® Black.....280 - 300

Vertical Flame: After Flame (NFPA 1971, warp x fill)

Initial.....0 x 0 sec
After Wash (5X).....0 x 0 sec

Vertical Flame: Char Length (NFPA 1971, warp x fill)

Initial: Char length.....< 1.0 x < 1.0 in (< 25 x < 25 mm)
After Wash (5X): Char length.....< 1.0 x < 1.0 in (< 25 x < 25 mm)

Thermal Shrinkage (NFPA 1971, warp x fill)

Initial.....< 5.0 x 0.5 percent
After Wash (5X).....< 6.0 x 0.5 percent

PHYSICAL TESTING

Trapezoidal Tear (NFPA 1971, warp x fill)

Before Wash.....25 x 100 lbf (111 x 445 N)
After Wash (5X).....25 x 95 lbf (111 x 423 N)

Laundry Shrinkage (AATCC 135).....< 5.0 percent

COMPOSITES SUMMARY

Breathability Performance

- Agility™ & Gore® CROSSTECH® Black
- Pioneer™ & Gore® CROSSTECH® Black

Balanced Performance

- Kombat™ Flex & Gore® CROSSTECH® Black
- Kombat™ Flex & Stedfast Stedair® Gold

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