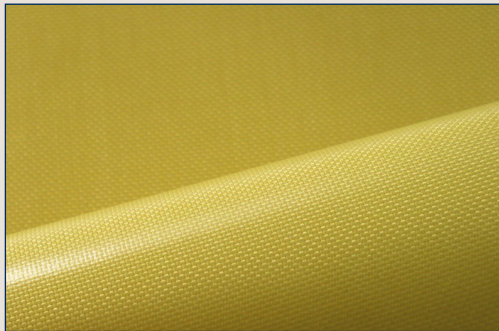


ADVANCED ARMOR

TENCATE

Pro-Tector® 1000 (Soft Body Armor Material) Product Data Sheet

TenCate Advanced Armor engineers and manufactures ballistic and stab resistant materials used in the design of soft and hard body armor products that meet or exceed U.S. Military, National Institute of Justice (NIJ), and international performance standards. Our advantage lies in our proprietary two-stage woven laminate and high pressure process that provides the perfect balance between increased ballistic and stab resistance against a wide array of threats and the reduction of blunt force trauma.



PRODUCT NAME:

TenCate Pro-Tector® 1000 (VE 0202 001 2096) Series

PRODUCT APPLICATION:

Concealable and Tactical Body Armor

CONSTRUCTION:

Single-Layered Woven Aramid Fabric with a Thermoplastic Coating

MANUFACTURING PROCESS:

Proprietary Two-Stage Woven Laminate and High Pressure

BASE FIBER/YARN:

Teijin Twaron®

MODEL NUMBER:

PT-1000-51x144

STANDARD SHEET SIZE:

51.181" x 144.095" (1300.00 mm x 3660.00 mm)

AERIAL DENSITY:

9.143 ± 0.442 oz/yd² (310.00 ± 15.00 g/m²)
.063 ± 0.003 lbs/ft² (3.100 ± .150 g/dm²)

THICKNESS:

.010" ± 0.001" (.250 mm ± .030 mm)

PERFORMANCE:

9 mm FMJ (V-50 / Clay) at 0.76 lbs/ft² (37.11 g/dm²) - 1265 fps (385.57 mps)
17gr FSP (V-50 / Clay) at 0.76 lbs/ft² (37.11 g/dm²) - 1320 fps (402.34 mps)
2gr RCC (V-50 / Clay) at 0.76 lbs/ft² (37.11 g/dm²) - 2054 fps (626.06 mps)
4gr RCC (V-50 / Clay) at 0.76 lbs/ft² (37.11 g/dm²) - 1784 fps (543.76 mps)
16gr RCC (V-50 / Clay) at 0.76 lbs/ft² (37.11 g/dm²) - 1384 fps (421.84 mps)
64gr RCC (V-50 / Clay) at 0.76 lbs/ft² (37.11 g/dm²) - 1198 fps (365.15 mps)
9 mm FMJ (V-50 / Clay) at 1.01 lbs/ft² (49.31 g/dm²) - 1360 fps (414.53 mps)
17gr FSP (V-50 / Clay) at 1.01 lbs/ft² (49.31 g/dm²) - 1536 fps (468.17 mps)
2gr RCC (V-50 / Clay) at 1.01 lbs/ft² (49.31 g/dm²) - 2498 fps (761.39 mps)
4gr RCC (V-50 / Clay) at 1.01 lbs/ft² (49.31 g/dm²) - 2004 fps (610.82 mps)
16gr RCC (V-50 / Clay) at 1.01 lbs/ft² (49.31 g/dm²) - 1626 fps (495.61 mps)
64gr RCC (V-50 / Clay) at 1.01 lbs/ft² (49.31 g/dm²) - 1287 fps (392.28 mps)
NIJ P1 & S1 Edge Blade Level 1 / Spike Instrument Level 1 - 26 plies
NIJ P1 & S1 Edge Blade Level 2 / Spike Instrument Level 2 - 30 plies
NIJ P1 & S1 Edge Blade Level 3 / Spike Instrument Level 3 - 39 plies

Note: 0.76 lbs/ft² = 12 plies, 1.01 lbs/ft² = 16 plies

TenCate Advanced Armor Limited Warranty and Use & Care:

As stated in the TenCate Advanced Armor (TCAA) Limited Warranty Statement, TCAA warrants, for a period of sixty (60) months after the "date of issue" that the Soft Armor Materials, Soft and Hard Body Armor Products, and Hard Armor Solutions shall be free from defects in material and workmanship provided all products are used and maintained in accordance with TCAA's Use & Care Manual. A copy of the TCAA Limited Warranty and Use & Care Manual is included with every product or can be found at www.tencateadvancedarmor.com.

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TENCATE ADVANCED ARMOR USA, INC.

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 **TENCATE**
materials that make a difference