

ARMOR AP[™]

with filament twill technology



STEP UP YOUR GAME

with the Best DuPont Nomex/Kevlar Outer Shell Blend

For the last two decades, fire departments choosing outer shells made of 40% DuPont[™] Nomex[®]/60% DuPont[™] Kevlar[®] have been limited to stiff and uncomfortable gear...until now. Utilizing the groundbreaking Filament Twill Technology[™] used in Armor 7.0[™] and PBI Max[™], Safety Components is launching Armor AP[™] to fill the needs of firefighters who prefer improved mobility, improved durability, and improved protection at an economical price. Armor AP—a 6.5 oz. outer shell with absolute performance.

Large metros wearing Armor AP:

MIAMI
SEATTLE
PORTLAND
KANSAS CITY
PITTSBURGH
TUCSON
WICHITA
HOUSTON

PHOENIX
PHILADELPHIA
SAN DIEGO
SAN FRANCISCO
CHICAGO
DETROIT
JACKSONVILLE
LOS ANGELES

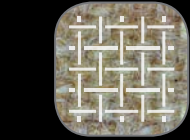
CHICAGO
MEMPHIS
ST. LOUIS
MIAMI
WACO
SAC METRO

GOOD

BETTER

BEST

Conventional Rip-Stop Design



TenCate Advance™
TenCate PBI XT
[formerly TenCate Gemini™ XT]

Basic Twill Fabric Blends



TenCate Pioneer™
TenCate Agility®
TenCate PBI Stretch

State-of-the-Art Filament Twill Technology™



PBI Max
Armor AP
Glide Ice

ARMOR AP™
with filament twill technology

Weight/Blend: 6.5 oz. - 67% Para-Aramid
33% Meta-Aramid
Weave: Comfort Twill with Filament Twill Technology
Color: Gold, Khaki, Black

Absolute Performance

How does one achieve absolute performance utilizing trusted fibers like DuPont™ Nomex® and DuPont™ Kevlar®...and not increase the cost 25-50%. The answer lies in Filament Twill Technology™ (see diagram above). Like PBI Max™, Armor AP™ is powered by DuPont Kevlar filament in a twill weave. The result is a lighter weight outer shell (6.5 oz.) with improved comfort/flexibility, improved strength and durability, and reliable protection.

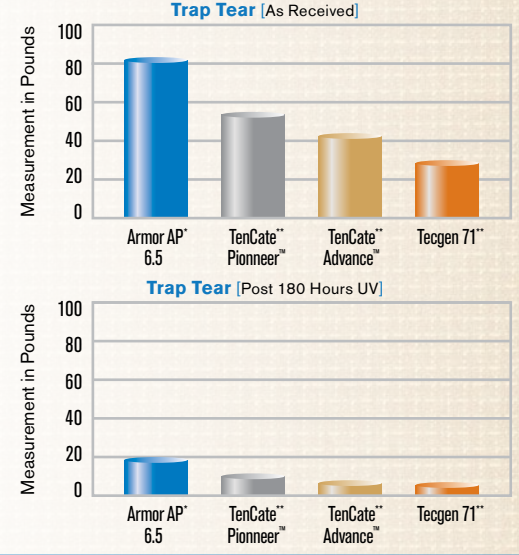
Improved Durability

Every firefighter knows longevity in turnout gear comes from better tear strength. While some may claim abrasion is the most important indicator of durability, it is known that turnout gear isn't retired from holes due to abrasion. Turnout gear is retired when it starts ripping and tearing from "wear and tear" and UV degradation. DuPont Kevlar filament allows Armor AP to resist tearing (see chart 1) for a longer period of time than traditional outer shells like Pioneer and Advance...improving durability.

Improved Comfort/Flexibility

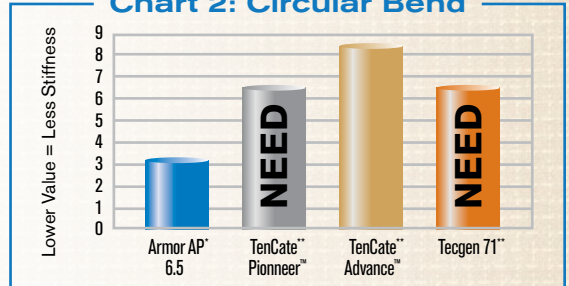
Protection and durability are important characteristics of any outer shell...but so is comfort and flexibility. Better comfort and flexibility (see chart 2) lead to better mobility. Better mobility can make all the difference in critical situations and firefighters wearing fabrics made of 100% spun yarns need not sacrifice mobility any longer...Armor AP is the answer.

Chart 1: Strength



Strength values denote lowest value of warp or fill. *UL test results. **Independent lab results.

Chart 2: Circular Bend



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Safety Components maintains ISO 9001:2000, TS 16949 and ISO 14001 certifications. Our fabric testing laboratories are ISO 1725 approved, ASTM (North America), DIN (Europe), JIS (Asia), and NFPA certified. Throughout our 100 year history, Safety Components has developed a reputation for product quality, product innovation, product diversity and on-time delivery.

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A Proud Supporter Of



DUPONT
Kevlar | Nomex

WE SAVE LIVES.
IT'S WHAT WE HAVE IN COMMON.