

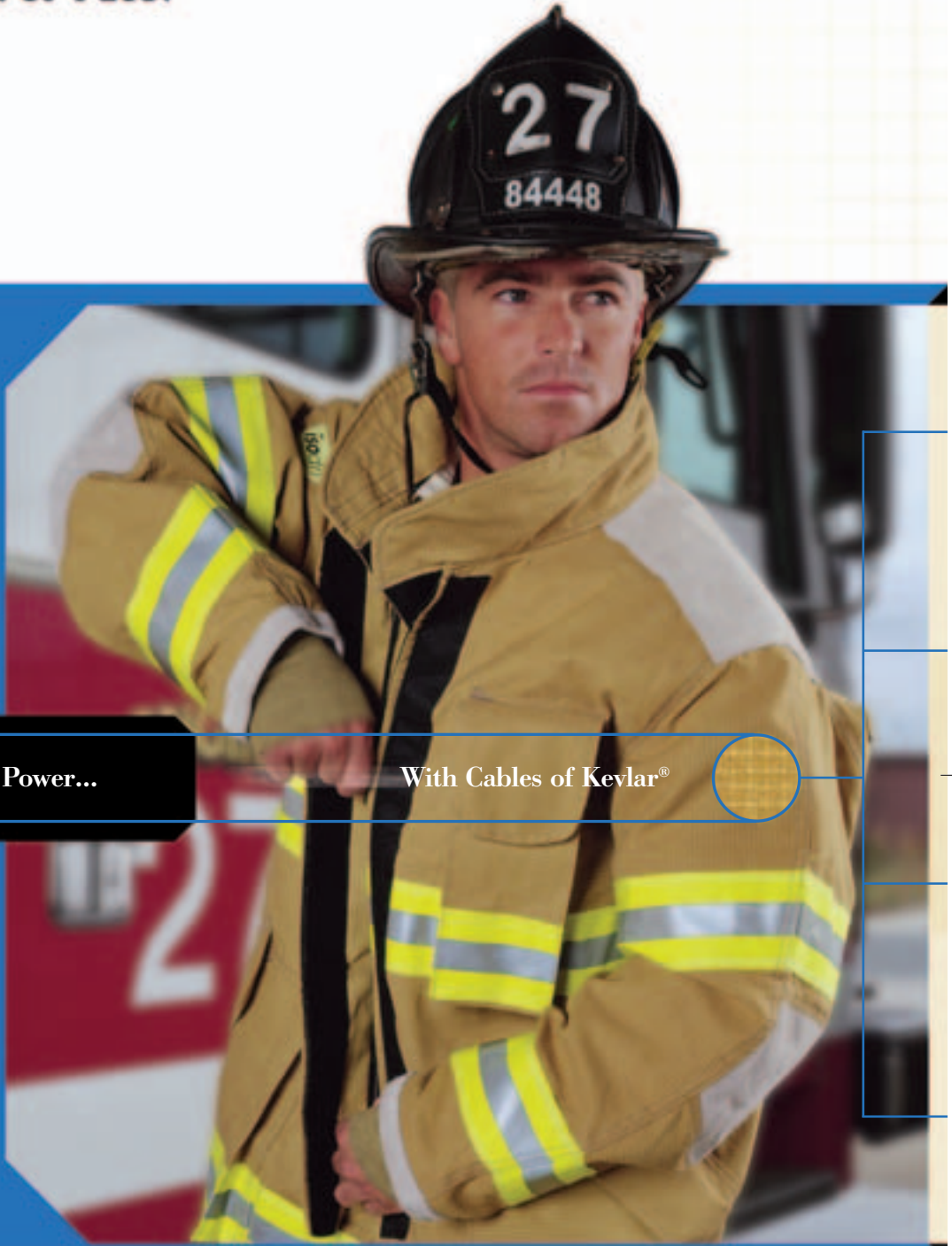
A firefighter in full PBI Matrix gear, including a jacket and pants with reflective yellow and blue stripes, stands in front of a large fire. He is holding a black helmet with the number '27' on it. The background is a bright, orange and yellow fire with a grid pattern overlaid on it.

PBI MATRIX NOW WITH THE
RIP STOPPING
POWER OF CABLES OF KEVLAR

Tough, Rugged and Dry High Performance Gear



THE BEST IN THERMAL PROTECTION GETS EVEN BETTER... REINFORCING THE POWER OF PLUS!



> When asked, "What could be better than the thermal protection of PBI Gold," Safety Components answered with water repellent PBI Gold Plus. But even the best firefighters are always raising the bar to improve their skills. We just followed their example. By adding a matrix

> PBI Matrix™ Delivers Rip-stopping Power...

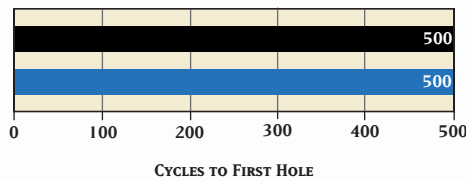
of Kevlar cables to the PBI Gold Plus fabric, PBI Matrix was born. Now proven thermal protection, water repellency, and abrasion resistance is reinforced with cables of Kevlar in PBI Matrix.

With Cables of Kevlar®

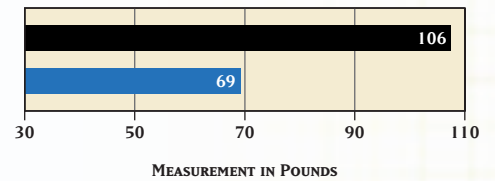
PRODUCT COMPARISON COLOR KEY

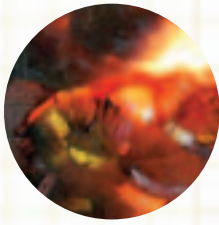
- PBI MATRIX
- GEMINI®

TABER ABRASION COMPARISON
(IN ACCORDANCE WITH ASTM-D-3884, H-18 WHEEL, 1000 GRAM WT.)



INITIAL TRAP TEAR STRENGTH
(IN ACCORDANCE WITH ASTM-D-5733)





**PBI'S MAXIMUM
HEAT AND FLAME
PROTECTION**



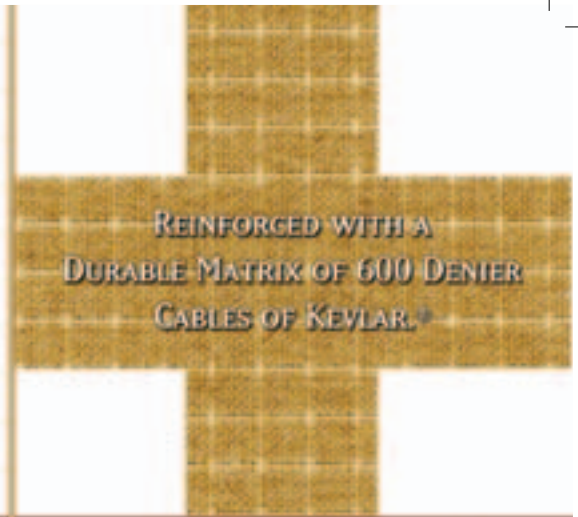
**SUPERIOR
ABRASION
RESISTANCE**



**SIGNIFICANTLY
IMPROVED
TRAP TEAR**



**HIGH STRENGTH
AFTER EXPOSURE TO
ULTRAVIOLET LIGHT**



WHAT IS MATRIX™ TECHNOLOGY?

Safety Components created a matrix of 600 denier Kevlar cables and integrated it with PBI Gold Plus. This patented blend uniquely combines the thermal protection, water repelling and abrasion resistance qualities of PBI Gold Plus with the stronger-than-steel rip resistance of Kevlar. Engineered for maximum protection against heat and flames, superior water repellency and increased resistance to tears and abrasions, PBI Matrix delivers the most rugged, highest performing thermal protective outershell ever.

600 DENIER CABLES OF KEVLAR

The term “denier” refers to filament size. For a given polymer, strength is directly related to denier. 600 denier yarn is 150% stronger than 400 denier yarn. That’s why the 600 denier cables of Kevlar in PBI Matrix provide the ultimate rip-stopping power. No other outershell fabric on the market offers such high reinforcements against tearing while providing the ultimate in protection against heat and flames.

LASTING VALUE — TOUGH AGAINST TEARS AND ABRASION

Virtually all protective fabrics start out strong. But wear and tear, laundering, radiant heat and ultraviolet light can damage an outershell fabric. Many just don’t hold up over the long haul. However, standard industry tests prove that PBI Matrix Plus remains strong and service worthy, resisting rips, abrasion and breakopen, long after other fabrics have failed. But more important than its long wear life, the value of PBI Matrix is the assurance that, on the job, your outershell is reinforced for maximum protection and superior performance.

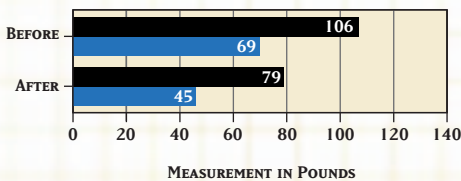
PROTECTION PERFECTED

PBI Matrix does it all. It is a formidable barrier offering protection against heat and flame. It will not shrink or become brittle after exposure to heat and flame. It sheds water and dries rapidly. In use, it remains lightweight, pliable, strong and comfortable. Now, with PBI Gold Plus locked into a grid of 600 denier Kevlar cables, resistance to rips, tears and abrasion is taken to a whole new level. This revolutionary outershell fabric is available in natural gold or traditional black. PBI Matrix Plus – Reinforced protection. Reinforced perfection. Safety Components has added a new luster to the Gold Standard.

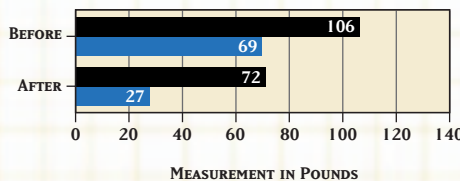
**Building on Perfection...
Three Steps to the Best PBI Ever!**

- > PBI Gold provides superior thermal protection, resists abrasion, and will not embrittle after exposure to heat or flame.
- > PBI Gold Plus provides the thermal benefits of PBI Gold, plus it repels water, reduces absorption and abrasion, and provides a faster drying, lighter weight outershell.
- > PBI Matrix combines the multiple benefits of PBI Gold Plus with a rip-resistant, reinforcing matrix of 600 denier cables of Kevlar that assures you maximum on-the-job protection.

TRAP TEAR STRENGTH AFTER SIXTY SECONDS OF RADIANT HEAT (IN ACCORDANCE WITH ASTM-D-5733)



TRAP TEAR STRENGTH AFTER SIXTY HOURS OF UV EXPOSURE (IN ACCORDANCE WITH ASTM-D-5733)





SAFETY COMPONENTS FABRIC TECHNOLOGIES, INC.

> Located on 22 acres in Greenville, South Carolina, SCFTI's 800,000 square foot facility contains all manufacturing, testing and warehousing functions. With more than 375 trained associates and equipped with the latest in fabric formation technology and equipment, Safety Components produces a diverse array of technical fabrics. Applications range from air bags, fuel cells, oil booms, soft armor, filter media, fire fighter turnout gear, ballistic luggage, to aircraft escape slides. All fabrics are produced, tested and inspected to the industry's highest standards. Safety Components Fabric Technologies 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. SCFTI is the only company in the industry with complete global certification capability in all business segments. Throughout its 85 year history, Safety Components Fabric Technologies has developed a reputation for product quality, product innovation, product diversity and on time delivery. Our development, manufacturing and marketing teams, have received numerous patents and industry recognition awards. SCFTI is positioned to respond quickly to dynamic customer requirements and industry trends.

40 Emery Street • Greenville, South Carolina 29605 • 800.896.6926 ext. 28

> "Better, drier and stronger than ever – PBI Matrix is the reinforced, new cutting edge of the Gold Standard in outershell protection."

Information is presented in good faith and believed to be accurate. SCFTI makes no recommendation or representation and neither expresses nor implies a warranty as to the completeness and accuracy of data, or the use to which the information is put. Many hazards exist and users of protective materials must satisfy themselves that their usage and practices are safe.

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Gemini is a registered trademark of Southern Mills, Inc.