



THE ULTIMATE IN LIGHTWEIGHT PROTECTION

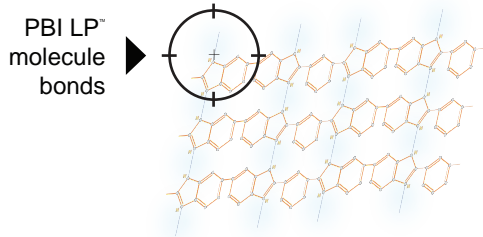
UNPARALLELED PROTECTION IN A 6 OZ. OUTER SHELL

With proven filament twill technology, **PBI MAX LP™** 6 oz. contains the breakthrough PBI LP™ fiber. This new outer shell technology offers high resistance to rips and tears with the unmatched flame and break-open protection only found with PBI.

HIGH-PERFORMANCE
OUTER SHELL

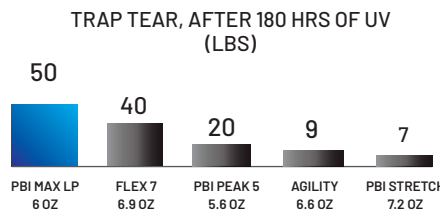
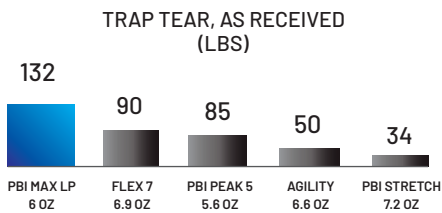
INCREASED PROTECTION REDUCED WEIGHT

PBI LP is a revolutionary new PBI fiber that raises the bar on break open protection. Compared to traditional PBI fiber, PBI LP exhibits stronger molecular bonds for better dimensional stability, increased flame resistance and better break open protection.



LIGHTWEIGHT DOESN'T MEAN LIGHT DUTY

By incorporating 30% Para-Aramid filament, PBI Max LP is engineered to increase tear resistance by up to four times that of competitive fabrics. PBI Max LP is not only stronger new, but just as important, it is stronger throughout the life of the garment after exposure to UV (the element most damaging to FR fabrics). For maximum durability against the hazards firefighters see day-in and day-out, specify PBI Max LP.



TECHNICAL INFORMATION

COMPOSITION

70% PBI & PBI LP/Para-Aramid spun yarns
30% 400 denier Para-Aramid filament

WEIGHT

(sq.yd.): **6 oz**

HEAT PROTECTION

Thermal decomposition temperature: + **1500°F**

STRENGTH

Trap Tear test:
132 lbs as received
50 lbs after 180 Hours UV

WEAVE

Comfort Twill

COLOR

Gold & Black

YARN

30% 400 denier filament
70% spun

LEARN MORE



+50 SECONDS
OF BREAK-OPEN

An outer shell with traditional PBI fiber breaks down after 25-35 seconds on the dynamic flame test, outperforming any competitive fabric. PBI Max LP lasts over 50 seconds under dynamic flame.

+200°F OF
BREAK-OPEN

The decomposition temperature of PBI LP fiber is **~1500°F**, making PBI LP outer shells **the most protective fabrics available.**

Decomposition Temperature

