

PBI GOLD HOODS

HEAD-AND-SHOULDERS

ABOVE THE COMPETITION

- IN EVERY RESPECT -



When you're face-to-face with a wall of flames, the danger is real and ever present. Today's firefighters deserve the best protection, top to bottom. And that means protective hoods made with PBI. No other fabric stands up as well against heat and flames. No other fabric offers you such lightweight comfort with no shrinkage or brittleness even in severe circumstances. No other fabric gives you state-of-the-art premium thermal protection. Hoods made with PBI fiber are third party certified and compliant with NFPA 1971 Standard. And when it comes to comfort, PBI hoods are in a class by themselves.

PBI hoods give you ultimate comfort, performance and protection — exactly what you'd expect from a PBI blend. This is the same fiber found in PBI Gold turnouts, the standard by which all other fire protection gear is measured.



Two types of hoods made with PBI fibers are available in lightweight styles, using either a PBI/FR rayon blend or PBI Gold fabrics. State-of-the-art PBI Gold hoods provide maximum protection against flames and resist breakopen. Stronger and more durable, PBI Gold hoods won't stretch out — maintaining their shape for longer wear life. PBI Gold hoods also have an exclusive inner liner, of





PBI GOLD



PBI BLEND



PBI BLACK GOLD



TEST RESULTS:

Results of standard tests show the superior flame and thermal resistance of PBI hoods. In vertical flame tests, PBI Gold hoods clearly outperform the competition by as much as ten-to-one. PBI fabrics remain supple after flame and high temperature exposure, while competing fabrics shrink, embrittle and break apart when flexed after exposure. Hoods made with PBI fabric offer excellent comfort. In wear trials, PBI hoods were judged to be softer and more comfortable than competitive hoods. PBI hoods of PBI/FR rayon and PBI Gold fabric (with its PBI/FR rayon liner) absorb perspiration better than all other hood fabrics due to the superior wicking characteristics of the PBI/FR rayon blend. All PBI hoods are ideal for wear next to the skin

TEST RESULTS

PROPERTY	PBI GOLD	PBI BLEND	NOMEX	P-84	CARBON SHIELD™
Knit Composition	40% PBI 60% Kevlar®	20% PBI 80% FR rayon	100% Nomex®	P-84™ FR rayon blend	Carbon Para-aramid
Weight (osy)	7.5	6.8	8.0	8.5	6.5
Thermal Protective Performance (TPP) (two layers of fabric tested)	25.1**	24.1	23.3	22.4	22.0
Flame Resistance FSTM 191-5903					
Char Length (in.)	0.2	1.0	2.3	3.1	0.31
After Flame (sec.)	0.0	0.0	0.0	0.0	0.0
Heat/Thermal Shrinkage (% After 5 Washes)	1.3	4.8	2.3	4.5	4.0
Burst Strength (lbs.)	243	67	188	90	73.9
Burst Strength after 5 sec. TPP (lbs.)	169.2	5.4	18.8	1.5	2.08
Burst Strength after 10 sec. TPP (lbs.)	18.3	0.2	*	*	1.12
Laundry Shrinkage (%)	3	4	2	4	2.5

* Samples too brittle to determine Burst Strength. ** PBI Gold hoods have an inner liner of PBI/FR rayon.