

	PBI TriGuard 5.3 oz	Tecasafe 7.0 oz	Nomex 6.8 oz	Advance 7.0 oz
Fiber Blend	PBI, FR Lenzing, MicroTwaron	Fr-modacrylic, Lyocell, Aramid	Nomex, Kevlar, Antistatic	Kevlar, Nomex
Breathability	★★★★★	★★★★☆	★★★	★
Comfort (ease of movement, range of motion)	★★★★☆	★★★★★	★★★	★★★
Durability (How material holds up overall during PRg testing period)	★★★★☆	★★★★☆	★★★	★★★★☆
Fireline Specific (Falling embers, burn spots, and similar fireline issues)	★★★★★ Nearly no shrinking or pulling at burn site. Slight color change in material, no brittleness, no tears	★★★★★ Burn site hard to see, material does not crumble or tear, no visible shrinking	★★★ Shrinking at burn site, material gets brittle, friable, tears and crumbles	★★★ Almost identical to Nomex
Thorns, Bugs, Wind & Cold	★ Best for warm weather conditions, little protection against thorns or bug bites	★★★ A bit denser than TriGuard's fabric, still lightweight.	★★★ Heavier and fairly good resistance to bugs and thorns. Not very warm, not good for wind/cold weather.	★★★★★ The go-to cold weather pant, also excellent for protection against mosquitos, thorny plants and wind.
Longevity (Repeated washings, life of the material over several seasons. Follow care instructions to get the best performance from your garments. Contact PRg for more longevity tips.)	★★★★★ TriGuard is the longest-lasting of these materials (if cared for properly). Wear at friction points is insignificant when compared to materials containing Kevlar.	★★★★☆ Tecasafe is a close second to TriGuard. With proper care, this material does not wear quickly at friction points, and holds up remarkably given its softness and comfort.	★★★ Fabrics containing Kevlar are very durable in general, but see "Fireline Specific" above for issues with this textile, especially in fireline operations.	★★★★★ Advance has a higher percentage of Kevlar. Over time, this textile will begin to break down where Kevlar rubs against itself (at friction or abrasion points that are user-specific.)
Wears Like:	Excellent comfort, very soft and comfortable. Feels lighter and has less drape than Tecasafe.	Super comfortable, soft material, with a little more drape than TriGuard. Resists odors, washes very well.	Stiff, crunchy, typical "old school" fire pant. Nomex is made from meta-aramid fibers, and other government issue materials may be para-aramid fibers.	Heavy Carhart type, very hot, zero breathability, bulky.
Ripstop	✓	n/a	n/a	✓
Cost	\$\$\$	\$	\$\$	\$\$\$\$
Overall PRg Rating (All factors, including cost, for PRg's evaluation)	★★★★★ PRg's Number One Pick	★★★★☆ PRg's Smart Wallet Pick	★★★	★★★★☆