



Trusted to last the life of the garment ...and then some



Real fires, real garments, real data

In the first study of its kind, research published by the University of Kentucky evaluated how field use affected the high visibility performance of firefighter turnout gear with 3M™ Scotchlite™ Reflective Material. The study* included forty-four used firefighter turnout garments with 3M™ Scotchlite™ Reflective Material – Series 9500 Fire Coat Trim, which were randomly collected from

operating fire units and tested for retroreflectivity. Garments were gathered from medium- to large-sized fire departments and ranged in age from 2 to 10+ (retired) years. Reflective material was mapped for performance in 58 different locations over the entire surface of each garment.

Results from the study:

- All garments, on average, regardless of age and including retired garments, far exceeded the minimum retroreflectivity of 100 R_A specified in NFPA 1971.
- On average, minimum retroreflectivity requirements were exceeded by 3x or more for both the jackets and pants.**
- The study concluded, "...even the most worn garment...averaged well above minimum and would be expected to return a significant amount of light to provide useful and effective nighttime conspicuity enhancement..."

Real results, real durability...for long-term performance and wear, trust 3M™ Scotchlite™ Reflective Material on turnout gear.

Download the reader @ <http://get.beetag.com>

Visit
Scotchlite.com/tripletrim
to read the full report



Contact your 3M Sales Representative or visit **Scotchlite.com/tripletrim** for more information.

*Source: "Fire Fighter Turnout Gear Durability Study – Evaluation of Visibility Trim" (University of Kentucky), Fire Engineering, published October 2010.

**For optimal performance and durability, turnout gear should receive reasonable care and maintenance, as directed in NFPA 1851-2007. Materials which sustain critical damage impairing its function require timely replacement.





3M Scotchlite™
Reflective Material

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