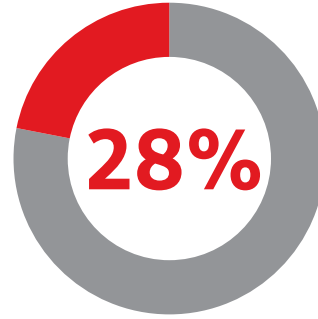


# What you wear under your gear matters

As a firefighter, you rely on your turnout gear for protection. But what about your stationwear? Do you consider stationwear to be critical to your protection? Serious burn injury can occur right through your turnout gear. Why not add an extra layer of protection?

The truth is that what you wear under your gear really matters. Stationwear made with DuPont™ Nomex® offers excellent protection, comfort and value.



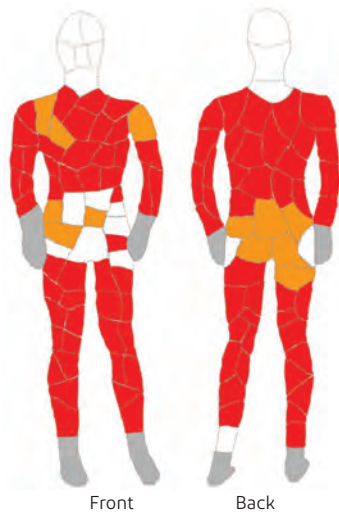
**Only 28% of all respondents indicated that they wear NFPA 1975 certified flame resistant (FR) station uniforms\***

## Inherent protection

Built-in flame and heat resistance that cannot be washed out or worn away

Compliance with NFPA 1975

**50% reduction in predicted burn injury\*\* compared to garments of 100% cotton**



### 100% cotton stationwear

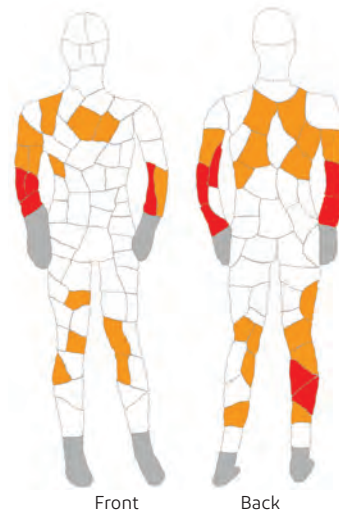
Cotton undergarments

Exposure time = 3.5 sec  
Test# R040108E

#### Burn injury prediction

- 2nd degree burn = 10%
- 3rd degree burn = 81%
- No information

**Total burn injury 91%**



### Nomex® IIIA stationwear

Cotton undergarments

Exposure time = 3.5 sec  
Test# R040108D

#### Burn injury prediction

- 2nd degree burn = 24%
- 3rd degree burn = 16%
- No information

**Total burn injury 40%**

## Comfort

Lightweight and breathable

Significantly less shrinkage after numerous washings

Helps reduce threat of heat stress, which can cause fatigue, disorientation and heat exhaustion

**Nomex® cools more effectively due to lower thermal and evaporative resistance**

## Value

Durable—can be washed up to 125 times without sacrificing performance

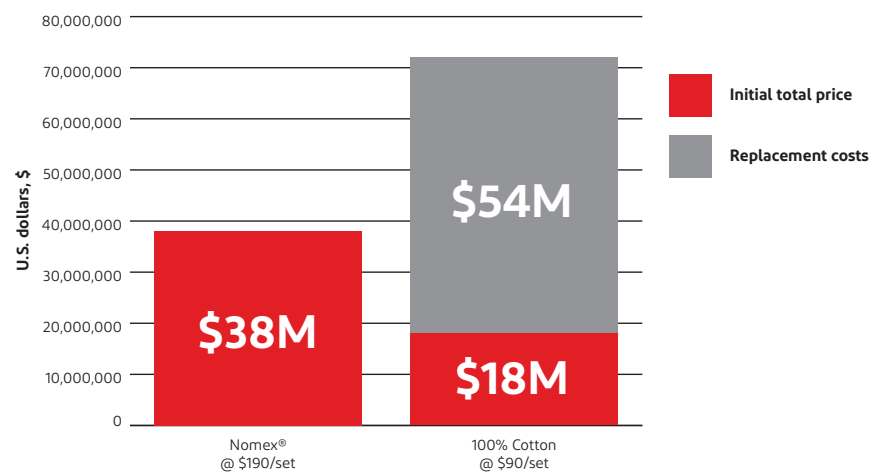
Average wear life is ~5 years compared to only 1 year for FRT cotton

Excellent color fastness for a long-lasting professional look

Lower lifecycle cost than most all other stationwear options

**For a department of 200 users over a 4-year period, Nomex® initially costs \$38M, requires no replacements and looks better over its lifetime. Non-FR cotton initially costs only \$18M, but requires annual replacement costing an additional \$54M, for a total of \$72M.**

### 4-year cost analysis, 200 sets of shirts and pants



## Nomex® makes the difference

Currently, two styles of Nomex® are used to make stationwear:

### Nomex® MHP

Casual, comfortable FR protection

Colors that last

Durable for your tough jobs

### Nomex® IIIA

Crisp, professional looking FR protection

Lightweight, yet extremely durable wash after wash

Easy care—no need to iron

## Learn more

Want to learn more about the benefits of stationwear made with Nomex®? Email us at [nomexinfo@dupont.com](mailto:nomexinfo@dupont.com)

\*NFPA Technical Report on Evaluation of the Performance of Station Wear Worn under a NFPA 1971 Structural Fire Fighter Protective Ensemble.

\*\*When exposed to a 3-second flame.

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## See the difference in protection



**Stationwear made with Nomex®**

Burn time: 3 sec  
Predicted burn injury: 11%

Shirt: 4.72 oz/yd<sup>2</sup>  
Pants: 6.94 oz/yd<sup>2</sup>



**Polyester is powerless**

Burn time: 3 sec  
Predicted burn injury: 75%

Shirt: 5.13 oz/yd<sup>2</sup>  
Pants: 11.77 oz/yd<sup>2</sup>



**Cotton doesn't cut it**

Burn time: 3 sec  
Predicted burn injury: 58%

Shirt: 5.27 oz/yd<sup>2</sup>  
Pants: 7.49 oz/yd<sup>2</sup>