



## The NFPA 70E Market Leader.



- SUPERIOR TECHNOLOGY
- PROVEN PERFORMANCE
- PREFERRED COMFORT

INDURA® Ultra Soft® flame resistant fabrics are specified by brand name at global, national and local NFPA 70E compliant companies. Millions of garments made with INDURA® Ultra Soft® are in service worldwide. To see incredible "real-life" arc flash videos, visit our new expanded website [www.westexinc.com](http://www.westexinc.com).



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## Why Do So Many End-Users Specify INDURA® Ultra Soft®?

### EXTENSIVE EXPERIENCE

Established in 1919, Westex has been setting the standard for high quality flame resistant fabrics for decades.

### PROPRIETARY TECHNOLOGY

Years of R & D coupled with custom equipment & proprietary technology gives Westex fabrics superior performance characteristics.

### CONSISTENT QUALITY

True quality should be measured over time. For over 20 years the INDURA® guarantee of flame resistance for the life of the garment exemplifies the Westex production expertise.

### INDUSTRY LEADERSHIP

Our commitment to the FR clothing market has allowed Westex to lead the industry with innovative new fabric styles & comprehensive technical support.

### MARKET-PROVEN PERFORMANCE

With decades of outstanding real-world proven performance and millions of garments in service worldwide, INDURA® Ultra Soft® is truly a proven product.



**WHEN IT COMES TO SAFETY... THE FABRIC BRAND MATTERS!**



## “ARC FLASH” DEFINED; NFPA 70E ANNEX K-3

“When an electric current passes through air between ungrounded conductors and grounded conductors, the temperatures can reach 35,000°F. Exposure to these extreme temperatures both burns the skin directly and **causes ignition of clothing**, which adds to the burn injury. The majority of hospital admissions due to electrical accidents are from the arc-flash burns, not from shock. Each year more than 2,000 people are admitted to burn centers with severe arc-flash burns. Arc-Flash can and will kill at distances of 10 ft.”

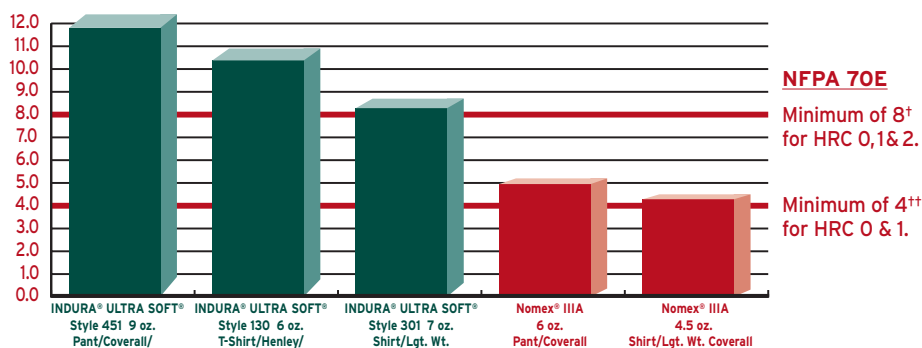
### STANDARD FOR NFPA 70E SAFETY REQUIREMENTS FOR EMPLOYEE WORKPLACES; 2004 EDITION (Table 130.7 (C) (III) Protective Clothing Characteristics [abbreviated])

HAZARD RISK CATEGORY	CLOTHING DESCRIPTION (Typical Number of Clothing Layers in Parentheses)	REQ. MIN. ARC RATING (ATPV or Ebt) (cal/cm <sup>2</sup> )	NFPA 70E; ANNEX H SIMPLIFIED 2-CATEGORY FR CLOTHING SYSTEM
			“Everyday Work Clothing” ATPV ≥ 8
0	Non-melting, flammable materials (1)	N/A	INDURA® Ultra Soft® Single-Layer Style 301 Shirt/Lgt. Wt. Coverall Style 451 Pant/Coverall Style 130 T-Shirt/Henley/Polo Knit Meet HRC's 0, 1, & 2.
1	FR Shirt and FR Pants or FR Coverall (1)	4	
2	Cotton Underwear Plus FR Shirt and FR Pants (1 or 2)	8	
			Electrical “Switching” Clothing
3	Cotton Underwear Plus FR Shirt and FR Pants Plus FR Coverall, or Cotton Underwear Plus two FR Coveralls (2 or 3)	25	INDURA® Ultra Soft® Style 801, 13 oz. (440 g/m <sup>2</sup> ) Over Style 341, 5.5 oz. (186 g/m <sup>2</sup> ) Meet HRC's 3 & 4.
4	Cotton Underwear Plus FR Shirt and FR Pants Plus Multilayer Flash Suit (3 or more)	40	

Independent Tests Conducted at Kinectrics per ASTM F1959.

## HIGHER ATPV = MORE PROTECTION

### ELECTRIC ARC EXPOSURE DATA ATPV Single-Layer Fabric Systems



<sup>†</sup>Products that meet HRC 2 also meet HRC 0 and 1. <sup>††</sup>Products that meet HRC 1 also meet HRC 0.

INDURA® Ultra Soft® meets performance requirements of OSHA 1910.269, ASTM 1506, NFPA 70E, 2112\*, 1977\*, 1975\*, EN 470, EN 531 and CSGB 155.20\*.

\*Select styles.  
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