PRODUCT SPECS

CHICAGO PROTECTIVE APPAREL

KN-51 KNIT NOMEX HOOD



GARMENT FEATURES & FABRIC PROPERTIES

- Made from two-ply 7 oz. Nomex® / FR Lenzing blend (Nomex® 20% / FR Lenzing 80%)
- Long-style hood, notched shoulders for better fit and comfort
- 18" length
- 1 x 1 circular knit construction
- Elasticized face opening
- Tested against ASTM F1959 standard
- Arc rated at 10.1 ATPV, PPE 2
- Made in U.S.A.

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CHICAGO PROTECTIVE APPAREL

KN-51 KNIT NOMEX HOOD FABRIC PROPERTIES

Material	Content	Construction	Weight
Nomex® Blend	20% Nomex® / 80% Lenzing® FR	1 x 1 Circular Knit	Approximately 7.0 oz./sq. yd (+1.0/-0.5)



Test Results from UL

	Nomex Blend Test Result	NFPA 1971 Requirement
TPP (Thermal Protective Performance)	34.9	Minimum 20
Material Burst Strength	364 N (82.5 lbf)	Minimum 225 N (51 lbf)
Cleaning Shrinkage	Within Tolerance	Maximum 5% (+ or -)
Seam Breaking Strength	542.5 N (123 lbf)	Minimum 181 N (41 lbf)
+ = Grows - = Shrinks		

Certifications

Nomex® blend material: ATPV 10.1, PPE2 (double-ply material)
In accordance with ASTM International Test Method F1959-1999

NFPA 70E Performance Specifications of ASTM F1959 / F1959M-05a	
PPE Category 1	Minimum 5 cal/cm^2 to 7 cal/cm^2
PPE Category 2	Minimum 8 cal/cm^2 to 24 cal/cm^2
PPE Category 3	Minimum 25 cal/cm^2 to 39 cal/cm^2
PPE Category 4	40 cal/cm^2 and over

Cleaning & Storage

- Hoods maintain protective properties after machine washing
- Machine wash only using regular detergent
- Water temperature not to exceed 130°F
- Do not use chlorine bleach or detergents containing chlorine
- Do not use fabric softeners or detergents containing fabric softeners
- Do not wring hood to dry. Squeeze hood to remove excess water
- Shape and lay flat in a dry, cool, shaded location to dry or tumble dry on low heat
- Do not commercially dry clean
- Do not store your hood in direct sunlight

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