

DuPont Personal Protection

RECOMMENDED USE AND CARE FOR GARMENTS MADE WITH NOMEX® IIIA OR NOMEX® COMFORT FABRICS
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DuPont™ NOMEX® IIIA and NOMEX® COMFORT fabrics are composed of 93% DuPont™ NOMEX® meta-aramid, 5% DuPont™ KEVLAR® para-aramid and 2% carbon/nylon antistatic fiber.

Single layer garments made from these fabrics are not suitable for protection against continuous thermal loads, molten metal splash, hot liquids, or steam. Do not wear alone for structural or proximity fire fighting. Do not use for chemical protection. Follow all warning and use information included in garment manufacturer's labels.

Flammable contaminants will reduce the thermal protection of any flame resistant fabric and the garments made from them. Wash all garments made with NOMEX® IIIA or NOMEX® COMFORT fabric frequently to ensure that no greases, oily soils or other flammable contaminants are present when the garment is worn.

- Wash new garments before wearing to remove fabric processing aids and finishes.
- Launder garments separately from non-flame resistant clothing.
- Wash dark and light colors separately.
- Secure all closures before washing and drying
- Pretreat greasy stains.
- Machine wash in hot water (maximum 140 °F / 60 °C) with a heavy duty detergent.
- Do not use chlorine bleach or detergents containing chlorine bleach.
- Tumble-dry on low heat (maximum 160 °F / 71 °C).
- Do not over-dry. Remove promptly.
- Do not use fabric softeners or dryer sheets.
- When using commercial laundry aids, be sure to read and carefully follow manufacturer's instructions.
- Removal of grease or oil stains may require dry cleaning.
- Do not store or line-dry fabrics or garments in sunlight.



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Revised: April 28, 2009
K-16586

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NOMEX® IIIA OR NOMEX® COMFORT FABRICS SPECIFICATIONS

Fabric Specification		NCFABXXX58602TFF	NSFABXXX58602TFF	
Nominal Basis Weight		203 gm/ meter²		
Structure		2/1 Twill		
Content		Nomex® Comfort or Nomex® IIIA		
Yarn Spinning Method		Ring		
Finish		Wicking		
Property	Unit/Description	Specification		Test Method
		AIM	Allowance	
Basis Weight	g/m2	203	±10	ASTM D3776
	opsy	6	5.7 - 6.3	
Tensile Strength	Warp kg	100	Min	ASTM D5034
	lbs	220	Min	
	Filling kg	60	Min	
	lbs	132	Min	
Washing Shrinkage	Warp (%)	3	Max	AATCC 135(1,V,A,i) 5cyc
	Filling (%)	3	Max	
Vertical Flame	Afterflame(sec)	2	Max	ASTM D6413
	Char Length	101 mm	Max	
		4 inches	Max	
	Melting or Dripping	No	---	
Vertical Wicking (inches @ 15 minutes)	Warp X Fill	4 X 4	Min	DuPont Method
Drop Absorption	Time (sec)	5	Max	AATCC 79

COLOR FASTNESS ADVISORY: Fabrics made with Nomex® IIIA and Nomex® Comfort brand fibers are available in various colors. We are advising users of these fabrics that due to the color change of these fibers after extended exposure to UV light not all colors may be appropriate for all applications. The flame resistance properties of the fabrics are not affected. The change in color will vary according to the color chosen. If the fabrics will be subjected to significant amounts of UV light exposure (sunlight or artificial), it may be desirable to select colors less likely to be affected. Garments made with the fabrics should be stored so that they are protected from unnecessary exposure to UV light.

For further information, please contact DuPont.

PILLING ADVISORY: Fabrics made with DuPont™ Nomex® IIIA and Nomex® Comfort brand fibers may be susceptible in varying degrees to pilling on their surface. Differences in fabric processing as well as differences in how garments are worn and cleaned can produce different levels of pilling. The flame resistance properties of Nomex® IIIA and Nomex® Comfort fabrics are not affected by the level of pilling.

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