

**NEW  
IN 2018**



# NF Arc™

By NOR\*FAB



## NF Arc™

*Inherently FR fabric ensemble for 40 cal electric arc protection*

**NOR\*FAB NF Arc™, 4.9 oz. Woven Fabric  
Style 05PT339-62**

A novel lightweight dimensionally stable woven fabric composed of an optimal blend of Para-aramid, OPF, and Novoloid fibers. This fabric has a proven track record as the outer shell in 40 cal electric arc (HRC 4) garments. **When matched with our Lightweight OMNI Quilt liner (6.0 oz), will make the lightest weight garments in the industry for 40 cal protection.**

**NOR\*FAB OMNI Quilt™, 6 oz. Quilted  
Liner Fabric  
Style 06NFC1MA1 (PB1)**

A novel high performance quilted liner designed to complement Norfab Style 05PT339-62 as the thermal liner in 40 cal electric arc (HRC4) garments. This fabric is constructed of two fabric layers quilted in a 3 inch diamond pattern with natural Nomex® thread. The first layer is a fine woven blue meta-aramid fabric. The second layer is a hydro-entangled nonwoven fabric composed of a blend of meta-aramid and para-aramid fibers.

Garments made of this Norfab 40 cal ensemble of fabrics provide:

- NFPA 70E HRC4 (Category 4) electric arc protection
- Lightweight and Flexibility
- Comfort and Durability
- 100% inherent flame resistance that will never wash out

Electric arc protective garments are only as strong, durable, and comfortable as the fabrics from which they are made.

NOR\*FAB's NF Arc™ fabrics will exceed your expectations.



**Lightest Weight  
Fabrics = Most  
Comfortable  
HRC 4 PPE (Hazard  
Risk Category)**



<b>NFPA 70E 2018 HRC 4 Fabric Ensemble – Total Weight 10.9 oz/yd<sup>2</sup></b>		
<b>FABRIC PROPERTIES</b>	<b>4.9 oz. Woven Fabric Style 05PT339-62</b>	<b>6.0 oz. Quilted Liner Style 06NFC1MA1 (PB1)</b>
Fiber Blend (Woven fabric)	Para-aramid, OPF, Novoloid	Meta-aramid
Fiber Blend (Nonwoven fabric)		Meta-aramid, Para-aramid
Available Colors	Light Green	Blue / Yellow
Weave (Woven fabric)	Plain Weave	Face – Plain Weave Back - Nonwoven
Weight, oz/yd <sup>2</sup> (g/m <sup>2</sup> )	4.9 (166)	6.0 (203)
Thickness, inches (mm)	0.013 (0.33)	0.047 (1.2)
Tensile Strength, ASTM D5034, W&F (lbs) Grab Method                      W&F (kgs)	200x65 90x30	
Tear Resistance, ASTM D55887, W&F (lbs) Trap Method                      W&F (kgs)	20x8 9x4	
Arc Thermal Performance Value (ATPV)	ATPV 40 (2018) (tested with 06NFC1MA1)	ATPV 40 (2018) (tested with 05PT339-60-62)
Heat Attenuation Factor (HAF)	93% (2018) (tested with 06NFC1MA1)	93% (2018) (tested with 05PT339-60-62)
NFPA 70E 2018	HRC 4 (Category 4) (tested with 06NFC1MA1)	HRC 4 (Category 4) (tested with 05PT339-60-62)
ASTM F1506-2018	PASS (2018)	PASS (2018)

All data intended as general information and no warranties, guarantees, or claims of fitness for use are expressed or implied by NOR\*FAB Corp. 9/18



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