



# NF ARC

## 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 and 46 cal electric arc (NFPA 70E PPE Level 4) garments. When matched with our Lightweight OMNI Quilt Liners, will make the lightest weight garments in the industry for PPE Level 4 protection.

- 100% inherent flame resistance that will never wash out or wear out

### About NOR\*FAB Corporation

NOR\*FAB manufactures textile products using flame resistant synthetic fibers suited for use at high temperatures and for personal protection. These items include broad woven roll goods and narrow products in the form of woven and knitted tapes, sleeving, rope, and gasketing. NOR\*FAB uses para-aramid, meta-aramid, melamine, phenolic, oxidized PAN, flame resistant rayon, polybenzimidazole, and other technical fibers blended into unique yarns which provide high levels of heat protection and insulation.

NOR\*FAB produces many of these yarns on the DREF Spinning System for use in the weaving, knitting, gasket, and wire & cable industries. NOR\*FAB possesses the largest collection of DREF III spinning frames of any yarn manufacturer in the world.

**Among its offerings, NOR\*FAB boasts fabric lines for the following end uses:**

#### **Firefighting**

OMNI Vantage™, OMNI Elite®, OMNI 45™, and OMNI Quilt™

#### **Electric Arc Protection**

NF Arc™, ArcWeld®

#### **Welding Protection**

ArcWeld®

#### **Cut Protection**

CutPro®

**Since 1979**

*Proud American Manufacturers of Flame Resistant Textiles*



## NF Arc Data Sheet

<b>Fabric Style</b>	05PT339-62	
<b>Specifications</b>	In combination with OMNI Quilt liner styles 06NMB1MA1 or 06NFC1MA1, complies with and exceeds NFPA 70E PPE Level 4	
<b>Base Fabric</b>	Para-Aramid, OPF, Novoloid (Phenolic)	
<b>Available Colors</b>	Light Green	
<b>Weave Style</b>	Plain Weave	
<b>Fabric Weight</b> oz./yd <sup>2</sup> (g/m <sup>2</sup> )	5.0 (170)	
<b>Fabric Thickness</b> inches (mm)	0.013 (0.33)	
<b>Warp Strength</b> grab method, lbs (kg)	200 (90)	
<b>Fill Strength</b> grab method, lbs (kg).	65 (30)	
<b>Trapezoidal Tear Strength</b> lbs. (kg), warp x fill	20 x 8 (9 x 4)	
<b>Arc Thermal Performance Value (ATPV)</b> cal./cm <sup>2</sup>	ATPV 40	ATPV 46
<b>Heat Attenuation Factor (HAF)</b>	93%	95%
<b>Heat, Char Resistance</b>	Passes	Passes
<b>NFPA 70E</b>	PPE Level 4	PPE Level 4
<b>Fabric Finish Number</b>	62-Water Softened	
<b>Specify Order</b>	Example: 05PT339-62 and 06NFC1MA1 (PB1)	

All data intended as general information and no warranties, guarantees, or claims of fitness for use are expressed or implied by NOR\*FAB Corp.  
9/2018



1310 Stanbridge Street,  
Box 830, Norristown, PA 19404-0830 U.S.A.  
Tel: 610-275-7270 • 800-441-9680 • Fax: 610-277-6106  
Email: sales@norfab.com • www.norfab.com