

# CHOICE® ALUMINIZED FABRICS *17PT31-AL7*

A Norfab woven fabric of an Aramid fiber blend over a fiberglass core yarn, aluminum laminate 1 side. Applications include safety clothing, curtains, heat shields, filtration cloth and rubberized hose. Resistant to radiant heat sources, offers good thermal protection for safety garments.

## 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®

### **Molten Metal Splash Protection**

Choice®

**Since 1979**

*Proud American Manufacturers of Flame Resistant Textiles*



## NORFAB AL7 Aluminized Fabric Data Sheet

<b>Style</b>	<b>17PT31-AL7</b>
<b>Base Fabric</b>	Aramid cover with fiberglass insert
<b>Color/Appearance</b>	Yellow, Aluminized 1 side
<b>Style</b>	Plain
<b>Fabric Weight (oz/yd<sup>2</sup>, average)</b>	20 (678 gm/m <sup>2</sup> )
<b>Fabric Thickness, (in)</b>	0.051
<b>Warp Strength (lbs) (1" unraveled)</b>	546
<b>Fill Strength (lbs) (1" unraveled)</b>	145
<b>Warp Trap. Tear (lbs)</b>	200
<b>Fill Trap. Tear (lbs)</b>	130
<b>Flammability-After Flame (seconds)</b>	0
<b>Flammability- Char length (inches)</b>	0.5
<b>Adhesion after Wet Flex</b>	Pass
<b>Reflectivity after Abrasion (seconds)(ASTM F1939)</b>	30
<b>RPP Rating (cal/cm<sup>2</sup>)</b>	60
<b>Taber Abrasion</b>	1200
<b>Molten Iron Splash (ASTM F955)</b>	Pass
<b>Molten Aluminum Splash (ASTM F955)</b>	Pass

All data +/- 10%. All data intended as general information and no warranties, guarantees, or claims of fitness for use are expressed or implied by NOR\*FAB Corp. 514



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