

# CHOICE® ALUMINIZED FABRICS

## 16TT412-AL7

A Norfab woven fabric of an Aramid fiber blend over an oxidized PAN (OPF) and fiberglass core yarn, aluminized one side. Applications include safety clothing, gloves, mitts, jackets, curtains and other industrial applications. Resistant to radiant heat sources, offers excellent thermal protection for safety garments. Recommended for molten metal splash protection.

## 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>16TT412-AL7</b>
<b>Base Fabric</b>	Aramid /OPF/ Fiberglass
<b>Color/Appearance</b>	Yellow + Black, Aluminized 1 side
<b>Style</b>	Twill
<b>Fabric Weight (oz/yd<sup>2</sup>, average)</b>	19 oz (644 gm/m <sup>2</sup> )
<b>Fabric Thickness, (in)</b>	0.043
<b>Warp Strength (lbs) (1" unraveled)</b>	270
<b>Fill Strength (lbs) (1" unraveled)</b>	255
<b>Flammability-After Flame (seconds)</b>	2
<b>Flammability- Char length (inches)</b>	0.25
<b>Adhesion after Wet Flex</b>	Pass
<b>Reflectivity after Abrasion (seconds)(ASTM F1939)</b>	33
<b>Taber Abrasion</b>	1950
<b>RPP Rating (cal/cm<sup>2</sup>)</b>	64
<b>Molten Iron Splash (ASTM F955)</b>	Pass
<b>Molten Aluminum Splash (ASTM F955)</b>	Pass
<b>Other Certifications</b>	ISO 11612-2015 A1, A2, B1, C3, D3, E3, F2

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