

# FLEECE & INSULATED LINERS

LAYER ON WARMTH AND PROTECTION WITH OUR VERSATILE LINERS.

**NASCO**



## NASCO Liners

NASCO offers fleece and insulated liners to add warmth and versatility to our ArcWear and PetroWear products. They can be used as a stand-alone jacket or as a removable liner. Either way, the added options to an outerwear program mean more value.

Materials available include Polartec™ fleece made from DuPont's Nomex™ and Protera™ as well as 3M's FR Thinsulate™ (120g and 200g).

All options provide electric arc and flash fire protection.

### Multi-Hazard Protection:

- Arc Protection
- Flash Fire Protection
- Cold Weather Protection

### Features & Benefits

- Removable. Transforms a product into a four-season garment
- Insulated. Provides protection from cold weather
- Electric Arc Resistance. Minimizes burn injury from an electric arc flash
- Flash Fire Resistance. Minimizes burn injury from a hydrocarbon flash fire
- Fall Protection Access. Allows for easy use of fall protection harness



  
**POLARTEC**

  
**3M**

  
Scotchlite<sup>®</sup>  
Reflective Material

  
DUPONT

  
**Nomex**

3M, Scotchlite and Thinsulate are trademarks of 3M. Nomex<sup>®</sup> is a registered trademark of DuPont. It is used under license by NASCO Ind.

# Liners

## POLARTEC™ MATERIAL SPECIFICATIONS

<b>Fabric</b>	Modacrylic / Rayon / Spandex Blend
<b>Finished Weight</b>	12 oz/yd <sup>2</sup>
<b>Seam Construction</b>	Overcast / Overedge
<b>Color(s)</b>	Fluorescent Lime Yellow (FY), Bright Orange (OR)
<b>Reflective Trim</b>	3MTM 9720 Reflective material
<b>Electric Arc Data ASTM F1959</b>	Arc Rating (EBT) 9.1 cal/cm <sup>2</sup>
<b>NFPA 70E</b>	HRC 2
<b>Visibility Data ANSI 107</b>	Fluorescent Lime Yellow is ANSI 107 Class 3 Level 2 compliant

### AVAILABLE ITEMS

Full descriptions are available online at [nascoinc.com/petrowear-liners/](https://nascoinc.com/petrowear-liners/)

**PT2501JFY | PT2501JOR**

## NOMEX® FLEECE MATERIAL SPECIFICATIONS

<b>Fabric</b>	Polartec™ Thermal Pro FR® Double Velour Dual Hazard
<b>Finished Weight</b>	11.4 oz/yd <sup>2</sup>
<b>Seam Construction</b>	Overcast / Overedge
<b>Color(s)</b>	Navy
<b>Reflective Trim</b>	3MTM 9720 Reflective material
<b>Electric Arc Data ASTM F1959</b>	Arc Rating 19 cal/cm <sup>2</sup>

### AVAILABLE ITEMS

Full descriptions are available online at [nascoinc.com/petrowear-liners/](https://nascoinc.com/petrowear-liners/)

**FLC3000JN | FLC3000N102**

## FR THINSULATE™ MATERIAL SPECIFICATIONS

<b>Fabric</b>	Indura® Ultrasoft® Face Cloth; 3M Thinsulate™ FR 120 (120g/m <sup>2</sup> ); Indura® Ultrasoft® Liner Cloth
<b>Finished Weight</b>	12.5 oz/yd <sup>2</sup>
<b>Seam Construction</b>	Overcast / Overedge
<b>Color(s)</b>	Grey
<b>Flash Fire Data ASTM F1930</b>	8.73% Total Body Burn
<b>Electric Arc Data ASTM F1959</b>	Arc Rating (EBT) 37 cal/cm <sup>2</sup> ; HAF 93%

### AVAILABLE ITEMS

Full descriptions are available online at [nascoinc.com/fr-thinsulate/](https://nascoinc.com/fr-thinsulate/)

**LIN5200JGR102 | LIN5120JGR**

## RECOMMENDED APPLICATIONS

- Gas & Electric Utility Line Workers
- Telecommunications & CATV Installation
- Oil Refineries
- Gas & Oil Service Contractors
- Gas & Oil Drilling



Size chart available online at [nascoinc.com](https://nascoinc.com)

All NASCO raingear patterns are digitally mastered and cut ensuring you get the right size garment every time.