

**Alpha**  
workwear

 **safety<sup>sm</sup>smartgear™**  
be seen - be safe - be smart™

**Call for Discount Ordering**  
**Phone: 877-999-4847**  
**[www.SafetySmartGear.com](http://www.SafetySmartGear.com)**



 **Viz Reflectives**  
North America

**VIZ REFLECTIVES NORTH AMERICA**  
**2016 FULL LINE CATALOG**

Featuring:

## 3 Levels of Protection

Alpha® Work Wear is the only **High Visibility** clothing range that incorporates VizLite® Dual Technology which offers three levels of protection.

**1. Technical Fluorescent Fabrics**

**2. Retro-Reflective**

**3. Phosphorescence**

**Charges quickly with sunlight or artificial light!**

After charging, the illumination is strong and gradually fades... lasting for hours.

See the Tech Specs at:  
[www.VizReflectivesNA.com](http://www.VizReflectivesNA.com)



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All work wear products meet ANSI/ISEA 107-2010 and EN ISO 20471-2013

## FEATURES

- Class 2
- 2.75" Vizlite® DT Dual Technology Tape
- 100% ANSI Polyester Tricot
- Large arm opening for use over cold weather outer wear
- Pockets: 2 inner lower, 2 outer lower flapped, 4 pen, 1 divided, 2 mic tabs
- Zipper closure
- 360° of Visibility
- ANSI/ISEA 107-2010 3rd Party Certification
- Printable Areas on Back and Front
- Available in yellow and orange
- Sizes M-4X



## FEATURES

- Class 2
- 2.75" Vizlite® DT Dual Technology Tape
- 100% ANSI Polyester Mesh
- 5-Point Breakaway
- Pockets: 1 outer lower, 1 inner chest w/ hook & loop and mic tab
- Hook & loop closure
- 360° of Visibility
- ANSI/ISEA 107-2010 3rd Party Certification
- Printable Areas on Back and Front
- Available in Yellow
- Sizes M-4X



# A200 CLASSIC VEST

## FEATURES

- Class 2
- 2.375" Vizlite® DT Dual Technology Tape
- 100% ANSI Polyester Mesh
- Hook & Loop closure
- 360° of Visibility
- ANSI/ISEA 107-2010 3rd Party Certification
- Printable Areas on Back and Front
- Available in Yellow and Orange
- Sizes M-4X



## FEATURES

- Class 3
- 2.75" Vizlite® DT Dual Technology Tape
- 100% lightweight mesh Polyester
- Two inside pockets, 2 radio mic tabs
- 360° of Visibility
- ANSI/ISEA 107-2010 3rd Party Certification
- Printable Areas on Back and Front
- Available in Yellow
- Sizes M-4X





### A268 / Rain Jacket

- Class 3
- Roll-away hood
- Pockets: 2 outer lower flapped, 1 Radio
- Storm Flap with Zipper and Snap closure
- Black Trim

# A268/A266 RAIN SUIT

### A266 / Rain Pant

- Class E
- Elastic waistband, toggle & cord pull
- Zips at bottom with adjustable snaps
- Pockets: 2 pass through

## FEATURES

- 2.75" Vizlite® DT Dual Technology Tape
- 100% ANSI polyester with PU coating
- 300D Breathable, waterproof sealed seams
- 360° of Visibility
- ANSI/ISEA 107-2010 3rd Party Certification
- Black Trim
- Available in Yellow
- Sizes M-4X



# A264 BIRDS EYE TEE

## FEATURES

- Class 2
- 2.375" Vizlite® DT Dual Technology Tape
- 100% ANSI Wicking Spun Polyester
- Lightweight fabric provides comfort
- Pocket: 1 left chest
- 360° of Visibility
- ANSI/ISEA 107-2010 3rd Party Certification
- Printable Areas on Back and Front
- Available in Yellow
- Sizes M-4X



 Viz Reflectives  
North America





COMING FALL 2016



 Viz Reflectives  
North America



Alpha® workwear by Viz Reflectives N.A. has been committed to protecting workers by providing the most technically advanced, next-generation high visibility garments which far exceeds ANSI's minimum requirements.

**Alpha® garments feature our patented VizLite® DT which offers 3 levels of protection:**

- 1. Fluorescence**
- 2. Retro-reflectivity**
- 3. Phosphorescence.**

A typical high visibility garment offers daytime and nighttime visibility - with one flaw. In the day - the bright colored fluorescent fabric keeps users conspicuous. In the night, silver retro-reflective tape kicks in by reflecting light back to its source (car headlights for example). When no light source is available, both the silver reflective and the fluorescent fabric are invisible. Here's where Alpha® WorkWear offers a solution!

Imagine a garment that provides visible confidence to the wearer in all types of light situations. Alpha's patented VizLite® DT tape utilizes innovative phosphorescence technology to solve this low-light problem. As the wearer's environment becomes "dim" our phosphorescent technology begins to slowly release stored energy that the human eyes sees as a "glow" offering the wearer a new type of visibility. Our patented formula exceeds ANSI standards for visibility and durability. We achieve up to 10 times the required wash/wear life of typical high visibility garments.

Alpha's garments offer a level of protection not yet seen in the industrial market. We've worked extensively to develop our patented DT tape and technical fabrics to provide the optimum mix of protection, durability and comfort to deliver best in industry garment performance.



## Observability of Phosphorescent vs. Fluorescent/Reflective Materials

Once fully charged - VizLite® DT has an emission lifetime of up to 8 hours. The glow's brightness reduces sharply in the first 15 minutes but then at a slower pace over the remaining period of time. In zero or very low light conditions the viewer will see very little reduction in the afterglow as their eyes would have adjusted to the darkness. However, when the viewer goes from a bright to dark area their vision of the glow's brightness will be lower as their eyes have not adjusted. Fluorescent and reflective materials need an external light source. Fluorescent fabric absorbs UV daylight and reflective tape reflects light back to the source. Phosphorescent materials are ideally suited for low light and no light conditions whereas fluorescent fabrics are best suited to low light and daylight conditions, especially dawn and dusk.

**Vizlite® and Alpha® is a registered trademark of Viz Reflectives**

**VizLite® Dual Technology Patent Pending No. PCT/GB2015/052140**

There is unlimited variety of potential applications for Phosphorescent High Visibility garments, therefore, before any of our products are used, customers must determine whether the products are suitable for the intended use. The Phosphorescent element on these garments is an additional safety feature for low light and dark conditions. The Purchaser, and not Viz Reflectives NA or any Viz Reflectives NA authorized distributor, is solely responsible for determining the suitability and proper use of the products. While this product will enhance the visibility of the wearer in low light and dark conditions, it is not intended to replace any safe working practices. Neither Viz Reflectives NA or any Viz Reflectives NA authorized distributor shall be liable for any incidental, special or consequential damages relating to the use or inability to use the products, regardless of legal theory used.

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