

Whether running heavy equipment on a construction site or repairing a pot hole on a federal highway, thousands of workers are exposed to potentially harmful working conditions every day. It is essential that these workers can always be seen to avoid serious or fatal injuries on the job. Red Kap® offers a variety of visibility apparel products, which meet American National Standards Institute (ANSI) standards, making workers not only safe, but compliant.

6015B



# TABLE OF CONTENTS

- 4 Icon Guide
- **5** Glossary
- 6 ANSI Standard
- 8 ANSI Classifications
- **10** ANSI Product Guide
- **12** Hi-Visibility Apparel
- 28 Enhanced Visibility Apparel
- 36 Customization
- 42 Size Charts
- 43 Index





Use the icon legend below as a guide to help quickly identify unique features and benefits for Red Kap® garments shown above most product names.



#### TOUCHTEX<sup>™</sup> TECHNOLOGY

Superior color retention, soil release and wickability.



#### **TOUCHTEX PRO**<sup>™</sup>

Same features as Touchtex<sup>™</sup> but with an even softer hand. Available on bottoms only.



#### **DURABLE PRESS**

Minimum pressing or ironing required. Fabric contains a wrinkle-resistant finish.



#### **RIPSTOP FABRIC**

Lightweight yet extra durable ripstop fabric keeps rips and repairs to a minimum.



#### MIMIX™

Thanks to a patented, science-based MIMIX<sup>™</sup> design, Red Kap<sup>®</sup> products with MIMIX<sup>™</sup> offer increased mobility and breathability for all-day comfort.



#### **OILBLOK TECHNOLOGY**

Repels oil and oil-based fluids keeping garments looking new, longer – and it's only available from Red Kap®.



#### DURABLE WATER REPELLENT (DWR) FINISH

Repels water and water-based liquids while decreasing dry time nearly 30% compared to other non-treated twill workwear fabric.



#### ZEROSKRATCH<sup>™</sup> APPAREL

Paint jobs and surfaces stay scratch free thanks to strategically-designed garment features that keep buttons and snaps under wraps.



#### SAFE-CINCH<sup>™</sup>

Drawstrings are tucked away in front pockets, eliminating safety hazards and offering a neater appearance and easier laundering.



#### RELAXED FIT

Our relaxed fit jeans feature a traditional rise that sits at the natural waist. Relaxed seat and thigh offer more room for mobility, and the slightly tapered leg fits over work boots.

#### **HI-VISIBILITY CLASS DESRIPTIONS**



#### HI-VISIBILITY - TYPE O, CLASS 1

Intended for use in environments where there are struck-by hazards from moving vehicles, equipment and machinery <u>not</u> operating on public access rights of way or temporary traffic control zones.

HV	R	2
----	---	---

#### HI-VISIBILITY TYPE R CLASS 2

Intended for use by personnel exposed to vehicular traffic from public access rights of way or roadway temporary traffic control zones. Class 2 garments require the use of greater amounts of high-visibility materials which help distinguish between a human and an inanimate object.



#### **HI-VISIBILITY TYPE R CLASS 3**

Intended for use by personnel exposed to vehicular traffic from public access rights of way or roadway temporary traffic control zones. Class 3 garments mandate an even higher standard of visibility for workers in moving, complex backgrounds.



#### HI-VISIBILITY SUPPLEMENTAL CLASS E

Pants, bib overalls, shorts and gaiters meeting minimum area requirements for background material and retroreflective trim. Class E apparel, however, cannot be worn alone to provide adequate visibility of workers. When Class E items are worn with Performance Class 2 or 3 apparel, the overall classification of the ensemble is Performance Class 3.



#### **UPF 40 RATING**

Ultraviolet Protection Factor - A rating designed for fabric and clothing that specifically measures the level of sun protection. UPF measures both UVA and UVB rays.



# GLOSSARY OF TERMS AND DEFINITIONS

**HIGH VISIBILITY SAFETY APPAREL (HVSA)** – Personal protective safety clothing intended to provide visibility during daytime, nighttime and other low-light conditions and meets the requirements of Performance Class 1, 2 or 3 as defined by ANSI/ISEA 107 (High Visibility Safety Apparel and Accessories).

**ENHANCED VISIBILITY APPAREL** – Garments designed to improve wearer's visibility but do not meet the requirements specified in ANSI/ISEA 107 because they are made of materials that do not meet the performance requirements or they do not have retro-reflective striping for nighttime visibility.

**PERFORMANCE CLASS** – A category of performance defined by the minimum area of background fabric and retro-reflective striping. Design specifications for each performance class correspond with the needs of the user in the expected risk environment.

**BACKGROUND MATERIAL\*** – Colored fluorescent material intended to be highly conspicuous, but not intended to comply with the requirements of ANSI 107 standard for retro-reflective material.

**RETRO-REFLECTIVE MATERIAL\*** – Material that reflects and returns a relatively high proportion of light in a direction close to the direction from which it came.

**COMPLIANCE** – Garments and materials (background fabric, combined performance material and retro-reflective trim) shown to meet the requirements of ANSI/ISEA 107.

**CERTIFICATION (FINISHED ITEM)** – Documentation from either a 3rd party certifier or the garment manufacturer demonstrating compliance with performance requirements set forth in ANSI/ISEA 107. Manufacturers choosing selfcertification must use the Declaration of Conformity provided in the standard.

#### INTRODUCTION TO THE ANSI/ISEA 107 HI-VISIBILITY STANDARD

The American National Standard for High-Visibility Safety Apparel and Accessories (ANSI/ISEA 107) is a standard established by the American National Standards Institute. Construction, maintenance, utility, emergency responders, airport ramp personnel and many categories of off-road workers are routinely exposed to potential injury hazards from low visibility while on the job.

This standard provides guidelines for the selection and use of high-visibility safety apparel and other high-visibility accessories to improve worker visibility during the day, in low-light conditions, and at night.

Private companies, as well as various federal, state, and local authorities have embraced ANSI/

ISEA 107-compliant garments and accessories as useful PPE (Personal Protective Equipment) for workers exposed to struck-by hazards.

ANSI/ISEA 107 SPECIFIES THE FOLLOWING CRITERIA MUST BE MET:

- Performance requirements for background material, combined-performance, and retro-reflective materials
- Photometric and physical performance requirements for retro-reflective and combined-performance materials
- Garment design
- Proper labeling

#### **FINAL RULE**

The Final Rule, 23 CFR Part 634 Worker Visibility, was passed on November 18, 2006, and took effect on November 24, 2008.

The Rule states that all workers within a rightof-way of a Federal-aid highway who are exposed to traffic or to construction equipment within the work area shall wear High-Visibility apparel that must meet Performance Class 2 or Class 3 requirements of ANSI/ISEA 107.

The Federal Register Final Rule and revised document of the 2009 Manual on Uniform Traffic Control Devices (MUTCD) was released on December 16, 2009.

The Rule states that mandatory use areas are expanded beyond Federal-aid highways and will require all workers on or near the roadway right-of-way to wear high visibility safety apparel that meets Performance Class 2 or 3 of ANSI 107-2004 or equivalent revisions. The Federal Highway Administration has issued a formal interpretation recognizing the 2015 edition and equivalent revisions of ANSI/ISEA 107 as meeting the requirements of 2009 MUTCD.

#### ULTRAVIOLET PROTECTION FACTOR (UPF) RATING

A relatively new rating designation for sun protective textiles and clothing is UPF (Ultraviolet Protection Factor). Unlike SPF (Sun Protection Factor) that measures only UVB, UPF measures both UVA and UVB.

Sun protective clothing is clothing specifically designed for sun protection and is produced from a fabric rated for its level of ultraviolet (UV) protection. Sun protective clothing may be pre-treated with UV inhibiting ingredients during manufacture to enhance UV blocking capacity.

## UPF 40

BE SURE TO LOOK FOR THE UPF 40 ICON TO SEE WHICH RED KAP<sup>®</sup> PRODUCTS ARE MADE FROM FABRIC THAT CAN HELP PROTECT YOU FROM HARMFUL UV RAYS.

UPF Rating based upon testing performed on dry fabric, prelaundered. Test data available upon request.

# CHANGES TO THE ANSI STANDARD

#### ANSI/ISEA 107 AND ANSI/ISEA 207 WERE COMBINED INTO ANSI/ISEA 107-2015

ANSI/ISEA 107 and ANSI/ISEA 207, American National Standard for High-Visibility <u>Public Safety Vests</u>, were merged to form a single document, ANSI/ISEA 107-2015. This consolidated standard covers the needs of workers in all industries for high visibility garments as well as synchronizes the revision schedules for these two previously separate documents. The standard is reviewed and revised every five years

#### ALLOWANCE FOR SMALL SIZED GARMENTS

Garment performance classes are defined by minimum area requirements for both background material and retroreflective striping. Prior minimum requirements for background fabric prevented manufacturers from offering a true small-sized garment. The 2015 edition of ANSI/ISEA 107 includes a reduction in the minimum requirement for background fabric in only the smallest size garment offered by a manufacturer. This change, which is still valid in the current 2020 edition, made small sized garments available to workers who previously were forced to wear garments that were too large for them in order to be compliant with the standard.



Background Fabric: Class 2, Level 2 ANSI/ISEA 107-2010 775 Sq. In.



Background Fabric: Type R, Class 2 ANSI/ISEA 107-2015 540 Sq. In.

#### LABELING REQUIREMENTS

In addition to garment brand, size and care instructions, labels must carry these elements:

- A Must state that garment meets ANSI 107 and the year/addition of the standard the garment is certified to.
  - Must contain pictogram showing:
- B Garment Type (O, R or P)
- **C** Garment Performance Class
- D If the garment is not FR, must state "This garment is not flame resistant as defined by ANSI/ISEA 107-2020 Section 10.5"



In 2015, there was an addition of garment types (O, R, and P) which address a wider range of occupations that should be in high visibility safety apparel.

# ANSI 107 CLASSIFICATIONS

## ANSI/ISEA 107

Compliant Safety Garments are classified as follows:

# HV 0 1

#### TYPE 0, CLASS 1

Intended for use in environments where there are struck-by hazards from moving vehicles, equipment & machinery <u>not</u> operating on public access rights of way or temporary traffic control zones.

- Parking/Service location workers
- Warehousing
- Oil & Gas extraction workers
- Refinery workers
- Mining

# HV R 2

#### TYPE R, CLASS 2

Intended for use by personnel exposed to vehicular traffic from public access rights of way or roadway temporary traffic control zones. Class 2 garments require the use of greater amounts of high-visibility materials which help distinguish between a human and an inanimate object.

- Forestry operations
- Ship cargo loading operations
- Roadway construction
- Utility & railway workers
- School crossing guards
- Delivery vehicle drivers
- High volume parking and toll gate personnel
- Airport baggage & handlers/ground crew
- Trash collection & recycling operations

# HVR3

#### TYPE R, CLASS 3

Intended for use by personnel exposed to vehicular trafic from public access rights of way or roadway temporary traffic control zones. Class 3 garments mandate an even higher standard of visibility for workers in moving, complex backgrounds.

- Roadway construction personnel & flaggers
- Utility workers
- Survey crews

# HV S E

#### SUPPLEMENTAL, **CLASS E**

Pants, bibs, overalls, shorts and gaiters meeting minimum area requirements for background material and retroreflective trim. Class E apparel, however, cannot be worn alone to provide adequate visibility of workers. When Class E items are worn with Performance Class 2 or 3 apparel, the overall classification of the ensemble is Performance Class 3.





public access rights of way or temporary traffic control zones.

- Police officers - Sheriff - Fire responders - EMS



## **TYPE O, CLASS 1**



HI-VISIBILITY RIPSTOP COLOR BLOCK WORK SHIRT Short & Long Sleeve, Pg. 14

#### **TYPE R, CLASS 2**



HI-VISIBILITY RIPSTOP COLOR BLOCK WORK SHIRT Short & Long Sleeve, Pg. 15



HI-VISIBILITY RIPSTOP WORK SHIRT WITH MIMIX & OILBLOK Short & Long Sleeve, Pgs. 16-17



HI-VISIBILITY RIPSTOP WORK SHIRT Short & Long Sleeve, Pg. 18



HI-VISIBILITY WORK SHIRT -100% POLYESTER Short & Long Sleeve, Pg. 19



HI-VISIBILITY SAFETY VEST Pg. 23



**HI-VISIBILITY** 

BOMBER Pg. 24



**HI-VISIBILITY** 

JACKET Pg. 24



HI-VISIBILITY PERFORMANCE WORK HOODIE Pg. 26

# ANSI 107 CLASSIFICATION PRODUCT GUIDE

# **TYPE R, CLASS 3**



HI-VISIBILITY RIPSTOP WORK SHIRT WITH MIMIX & OILBLOK Short & Long Sleeve, Pgs. 20-21



HI-VISIBILITY RIPSTOP WORK SHIRT Short & Long Sleeve, Pg. 22



HI-VISIBILITY WORK SHIRT – 100% POLYESTER Short & Long Sleeve, Pg. 22



HI-VISIBILITY PERFORMANCE T-SHIRT Short & Long Sleeve, Pg. 23



HI-VISIBILITY JACKET Pg. 25



DELUXE HI-VISIBILITY COLOR BLOCK SOFT SHELL JACKET Pg. 25



HI-VISIBILITY ZIP-FRONT COVERALL Pg. 27

## SUPPLEMENTAL, CLASS E



HI-VISIBILITY UTILITY POCKET PANT Pg. 27

# HI-VISIBI



JERRY NASHVILLE CONSTRUCTION



Hi-Visibility Ripstop Work Shirt – Type R, Class 3 on pages 20-21

#### TT 💮 DP 🙇 RIP 🔿 UPF 40 HV 0 1

#### HI-VISIBILITY RIPSTOP COLOR BLOCK WORK SHIRT – TYPE O, CLASS 1

Orfanel

ROYAL

• Color blocking hides stains • 360° visibility

- ·2.5" yellow/silver reflective striping
- •1.5" silver reflective striping UPF 40 Color retention
- Soil release · Superior wicking · Resists wrinkles
- Extra durable, lightweight ripstop fabric
- Button-close chest pockets Pencil stall
- Fit chart MFC-46 Industrial laundry friendly
- · Meets Type O, Class 1 requirements of ANSI / ISEA 107

4.25 OZ. RIPSTOP, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

**SY80** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SY70** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL





Product of Costa Rica

PINEAPPLES

Jiella Farms



# HI-VISIBILITY RIPSTOP COLOR BLOCK

- · Color blocking hides stains · 360° visibility
- · 2" reflective striping · UPF 40 · Color retention · Soil release
- Superior wicking 
  Resists wrinkles
- Extra durable, lightweight ripstop fabric
- Button-close chest pockets · Pencil stall
- Fit chart MFC-46 · Industrial laundry friendly
- Meets Type R Class 2 requirements of ANSI / ISEA 107

4.25 OZ. RIPSTOP, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

SY24 SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL SY14 LONG SLEEVE (Reg) S-4XL, (Long) L-2XL



SY24YG

Yellow/Green and Charcoal Ripstop YC

Fluorescent Yellow/Green and Grey Ripstop YG



#### HI-VISIBILITY RIPSTOP WORK SHIRT WITH MIMIX & OILBLOK – TYPE R, CLASS 2

- $\cdot$  Flex mesh panel improves mobility
- $\cdot$  OilBlok repels the toughest fluids
- Extra durable, lightweight ripstop fabric
- Button-close chest pockets · Pencil stall
- Color retention · Soil release · Superior wickability
- $\cdot$  2" reflective striping  $\cdot$  360° visibility
- · UPF 40 · Fit chart MFC-46 · Industrial laundry friendly
- · Meets Type R Class 2 requirements of ANSI / ISEA 107

BODY: 4.25 OZ. RIPSTOP, 65% POLYESTER / 35% COTTON FLEX PANEL: 4.2 OZ. PERFORMANCE MESH, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

**SX24HV** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SX14HV** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL



BUILT FOTZ THE WAY YOU MOVE





#### US PAT. NO. 10,085,490

Thanks to a patented, science-based MIMIX<sup>®</sup> design, Red Kap<sup>®</sup> products with MIMIX<sup>®</sup> offer increased mobility and breathability for all-day comfort. A lightweight stretch panel is located on the back of the Hi-Visibility Work Shirt with MIMIX<sup>®</sup> & OilBlok.





N.

E

SX14HV





OilBlok technology repels oil and oil-based fluids, keeping work shirts looking new longer - and it's only available from Red Kap<sup>®</sup>



#### TT 💮 DP 🙇 RIP 🔿 UPF 40 HV R 2

#### HI-VISIBILITY RIPSTOP WORK SHIRT – TYPE R, CLASS 2

 $\cdot\,360^{\circ}\,\text{visibility}\cdot2"\,\text{reflective striping}$ 

- $\cdot \, \mathsf{UPF} \, \mathsf{40} \cdot \mathsf{Color} \, \mathsf{retention} \cdot \mathsf{Soil} \, \mathsf{release}$
- $\cdot \, {\sf Superior \, wicking \, \cdot \, Resists \, wrinkles}$
- $\cdot$  Extra durable, lightweight ripstop fabric
- $\cdot$  Button-close chest pockets  $\cdot$  Pencil stall
- Fit chart MFC-46 Industrial laundry friendly
- Meets Type R Class 2 requirements of ANSI / ISEA 107

4.25 OZ. RIPSTOP, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

**SY24HV** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SY14HV** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL







#### TT 🤀 DP 🗾 UPF 40 HV R 2

#### HI-VISIBILITY WORK SHIRT – 100% POLYESTER – TYPE R, CLASS 2

- 360° visibility 2" reflective striping UPF 40
- $\cdot \operatorname{Color} \operatorname{retention} \cdot \operatorname{Soil} \operatorname{release} \cdot \operatorname{Superior} \operatorname{wicking}$
- Resists wrinkles 100% Polyester
- Button-close chest pockets
- Pencil stall Fit chart MFC-46
- ·Industrial laundry friendly
- Meets Type R Class 2 requirements of ANSI / ISEA 107

5 OZ. POPLIN, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

**SS24HV** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SS14HV** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL

**SS2402** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SS1402** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL







FLEX MESH PANEL IMPROVES MOBILITY & BREATHABILITY FOR ACTIVE WORKERS



US PAT. NO. 10,085,490

Thanks to a patented, science-based MIMIX<sup>®</sup> design, Red Kap<sup>®</sup> products with MIMIX<sup>®</sup> offer increased mobility and breathability for all-day comfort. A lightweight stretch panel is located on the back of the Hi-Visibility Work Shirt with MIMIX<sup>®</sup> & OilBlok.





#### TT 🌐 DP 🙇 RIP 🔿 OB 🐳 MX X UPF 40 HV R 3

#### HI-VISIBILITY RIPSTOP WORK SHIRT WITH MIMIX & OILBLOK – TYPE R, CLASS 3

• Flex mesh panel improves mobility • OilBlok repels the toughest fluids

- $\cdot \mathsf{Extra} \ \mathsf{durable}, \mathsf{lightweight} \ \mathsf{ripstop} \ \mathsf{fabric} \cdot \mathsf{Button-close} \ \mathsf{chest} \ \mathsf{pockets}$
- Pencil stall · Color retention · Soil release · Superior wickability
- $\cdot\,2"$  reflective striping  $\cdot\,360^{o}$  visibility  $\,\cdot\,\text{UPF}\,40$
- Fit chart MFC-46 · Industrial laundry friendly
- · Meets Type R Class 3 requirements of ANSI / ISEA 107

**BODY:** 4.25 OZ. RIPSTOP, 65% POLYESTER / 35% COTTON **FLEX PANEL:** 4.2 OZ. PERFORMANCE MESH, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

**SX24AB** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SX14AB** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL











OilBlok technology repels oil and oil-based fluids, keeping work shirts looking new longer - and it's only available from Red Kap<sup>®</sup>





TT 💮 DP 蒓 RIP 🔾 UPF 40 HV R 3

#### HI-VISIBILITY RIPSTOP WORK SHIRT – TYPE R, CLASS 3

- 360° visibility 2" reflective striping
- UPF 40 Color retention Soil release
- Superior wicking 
  Resists wrinkles
- Extra durable, lightweight ripstop fabric
- Button-close chest pockets Pencil stall
- Fit chart MFC-46 · Industrial laundry friendly
- Meets Type R Class 3 requirements of ANSI / ISEA 107

4.25 OZ. RIPSTOP, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

**SY24AB** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SY14AB** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL



#### TT 💮 DP 🙇 UPF 40 HV R 3

#### HI-VISIBILITY WORK SHIRT – 100% POLYESTER – TYPE R, CLASS 3

- 360° visibility 2" reflective striping
- $\cdot \mathsf{UPF}\, \mathsf{40} \cdot \mathsf{Color}\, \mathsf{retention} \cdot \mathsf{Soil}\, \mathsf{release}$
- Superior wicking 
  Resists wrinkles
- ·100% Polyester · Button-close chest pockets
- Pencil stall Fit chart MFC-46
- · Industrial laundry friendly
- Meets Type R Class 3 requirements of ANSI / ISEA 107

5 OZ. POPLIN, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

**SS24AB** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SS14AB** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL

**SS240F** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SS140F** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL







#### HV R 3

#### HI-VISIBILITY PERFORMANCE T-SHIRT – TYPE R, CLASS 3

- $\cdot \mathsf{Extra} \ \mathsf{breathable} \ \mathsf{mesh} \ \mathsf{fabric}$
- Chest pocket
- 2" reflective striping
- 360° visibility
- UPF 40 Fit chart MFC-03
- Meets Type R Class 3 requirements of ANSI/ISEA 107

4 OZ. BIRDSEYE MESH, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

**SVY4AB** SHORT SLEEVE (Reg) S-6XL, (Long) L-6XL **SVY3AB** LONG SLEEVE (Reg) S-6XL



#### HVR2

#### SAFETY VEST TYPE R, CLASS 2

- 360° visibility
- · 2" silver reflective striping
- $\cdot$  Dual sizing
- Adjustable sides
- $\cdot$  Velcro front
- Fit chart MFC-18
- Meets Type R Class 2 requirements
  of ANSI/ISEA 107

4.7 OZ. 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

#### VYV6YE S/M, L/XL, 2XL/3XL, 4XL/5XL

Fluorescent Yellow/Green YE





#### UPF 40 HV R 2

#### HI-VISIBILITY BOMBER TYPE R, CLASS 2

- · 360° visibility
- $\cdot$  2" silver reflective striping
- •UPF 40
- · Storm-flap covered zipper
- $\cdot {\tt Stand-up\ collar}$
- Lined snap-close cuffs
- Oversized hand-warmer pockets
- Inside chest pocket
- Action back
- Fit chart MFC-17
- Industrial laundry friendly
- · Allow additional time for delivery
- Meets Type R Class 2 requirements
  of ANSI / ISEA 107

7.5 OZ. TWILL, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

JY38HVB (Reg) M-4XL, (Long) M-3XL



#### UPF 40 HV R 2

#### HI-VISIBILITY JACKET TYPE R, CLASS 2

- •360° visibility
- · 2" silver reflective striping
- •UPF 40
- Button-close chest pockets
- Adjustable cuffs and waist
- Unlined
- Fit chart MFC-12
- Industrial laundry friendly
- Compatible with Zip-in/Zip-out Liner on page 65
- Meets Type R Class 2 requirements of ANSI / ISEA 107

7.5 OZ. TWILL, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

#### JY32HV (Reg) 38-54, (Long) 42-50

Fluorescent Yellow/Green HV





#### UPF 40 HV R 3

#### HI-VISIBILITY JACKET TYPE R, CLASS 3

- •360° visibility
- $\cdot$  2" silver reflective striping
- UPF 40
- Button-close chest pockets
- Adjustable cuffs and waist
- $\cdot$  Unlined
- Fit chart MFC-12
- Industrial laundry friendly
- Compatible with Zip-in/Zip-out Liner on page 63
- Meets Type R Class 3 requirements
  of ANSI/ISEA 107

7.5 OZ. TWILL, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

JY32AB (Reg) 38-54, (Long) 42-50

Fluorescent Yellow/Green AB

#### DWR 🙆 HV R 3

#### DELUXE HI-VISIBILITY COLOR BLOCK SOFT SHELL JACKET – TYPE R, CLASS 3

- $\cdot\,360^{\circ}\,visibility\,\cdot\,2"\,stretch\,silver\,reflective\,striping$
- Wind and water-resistant Stretch fabric
- $\cdot\,\mathsf{Fleece}\,\mathsf{lining}\,\cdot\,\mathsf{Modern}\,\mathsf{fit}\,\mathsf{and}\,\mathsf{styling}$
- $\cdot {\tt Stand-up\, collar} \cdot {\tt Front\, zipper\, pockets}$
- $\cdot {\sf Zippered\ chest\ pocket} \cdot {\sf Headphone\ storage}$
- $\cdot$  Adjustable drawstring waist  $\cdot$  Fit chart MFC-25
- Industrial laundry friendly
- Meets Type R Class 3 requirements of ANSI / ISEA 107

9 OZ. SOFT SHELL, 95% POLYESTER / 5% SPANDEX COUNTRY OF ORIGIN: IMPORTED

#### JY34YB (Reg) S-4XL







#### ZS 💋 DWR 🙆 SAFE-C 🕀 HV R 2

#### HI-VISIBILITY PERFORMANCE WORK HOODIE WITH SAFECINCH<sup>™</sup> TYPE R, CLASS 2

- Wind and water resistant
- Modern fit and styling
- · 2" stretch silver reflective striping
- ZeroSkratch<sup>™</sup> front zipper with zipper garage
- Hidden drawstring and neck cinches
- Versatile lay flat or zip-up collar
- Front pouch pockets
- Sleeve utility pocket
- Cell phone security pocket
- Rib knit cuffs and waistband
- Add embroidery, heat seals or emblems for unique garment personalization
- Fit chart MFC-105
- Industrial laundry friendly
- Meets Type R Class 2 requirements of ANSI / ISEA 107

9.3 OZ. FLEECE, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

#### HJ10YB UNISEX (Reg) XS-4XL, (Long) L-XL

Vis Yellow/ Black YB





DWR 🛆 Durable Water

Repellent (DWR) finish repels water and water-based liquids.





#### UPF 40 HV R 3

#### **HI-VISIBILITY ZIP-FRONT COVERALL TYPE R, CLASS 3**

- · 360° visibility · 2" silver reflective striping · UPF 40
- Wear over clothes 
  Front & back pockets 
  Chest pockets
- Rule leg pocket Side vent opening Fit chart MFC-24
- Industrial laundry friendly Allow additional time for delivery
- · Meets Type R Class 3 requirements of ANSI / ISEA 107

7.5 OZ. TWILL, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

CT10HVB (Short) 38-56, (Reg) 32-70, (Long) 32-70, (X-Long) 46-50 CT100VB (Short) 38-56, (Reg) 32-70, (Long) 32-70, (X-Long) 46-50



UPF 40 HV S E

#### UTILITY POCKET PANT SUPPLEMENTAL, CLASS E

- · 360° visibility · 2" silver reflective striping
- UPF 40 · Front & back pockets
- Cargo pockets with hidden snaps
- · Industrial laundry friendly
- · Allow additional time for delivery
- · Meets Supplemental Class E requirements of ANSI/ISEA 107

7.5 OZ. TWILL, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

#### PT18HVB 28-54







Enhanced Visibility Industrial Work Shirt & Cargo Pant on pages 30 & 33





#### ENHANCED VISIBILITY INDUSTRIAL WORK SHIRT

- ·2.5" Yellow/Silver enhanced visibility trim
- Button-close chest pockets · Pencil stall
- Fit chart MFC-46 Industrial laundry friendly • Does not meet ANSI/ISEA 107 requirements

4.25 OZ. POPLIN, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

**SP24EG** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SP14EG** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL

**SP24EN** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SP14EN** LONG SLEEVE (Reg) S-4XL, (Long) L-2XL





#### **ENHANCED VISIBILITY SHIRT**

- ·2.5" Orange/Silver enhanced visibility trim
- Color retention · Soil release · Superior wicking
- Button-close chest pockets Pencil stall
- Fit chart MFC-46 · Industrial laundry friendly
- · Does not meet ANSI/ISEA 107 requirements

4.25 OZ. POPLIN, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

**SP240N** SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL **SP140N** LONG SLEEVE (Reg) S-4XL, (Long) L-3XL

**SP24WM** SHORT SLEEVE (Reg) S-4XL, (Long) M-2XL **SP14WM** LONG SLEEVE (Reg) S-4XL, (Long) M-3XL



Light Grey with Orange/Silver Visibility Trim WM





#### ENHANCED VISIBILITY **COTTON WORK SHIRT**

- · 2.5" Yellow/Silver enhanced visibility trim
- Easy care finish 100% Cotton
- · Button-close chest pockets · Pencil stall
- Fit chart MFC-46 Industrial laundry friendly
- · Does not meet ANSI/ISEA 107 requirements

6 OZ. TWILL, 100% COTTON COUNTRY OF ORIGIN: IMPORTED

SC40EG SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL SC30EG LONG SLEEVE (Reg) S-4XL, (Long) L-2XL

SC40EN SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL SC30EN LONG SLEEVE (Reg) S-4XL, (Long) L-2XL



Navy with Yellow/Silver Visibility Trim EN

#### TT 💮 DP 🙇 RIP 🔿 UPF 40

#### **ENHANCED VISIBILITY RIPSTOP WORK SHIRT**

- · Extra durable, lightweight ripstop fabric
- · UPF 40 · Button-close chest pockets · Pencil stall
- Fit chart MFC-46 Industrial laundry friendly
- · Does not meet ANSI/ISEA 107 requirements

4.25 OZ. RIPSTOP, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

SY24YE SHORT SLEEVE (Reg) S-4XL, (Long) L-2XL SY14YE LONG SLEEVE (Reg) S-4XL, (Long) L-2XL





#### UPF 40

#### ENHANCED VISIBILITY WORK SHIRT

• UPF 40 • Pencil stall • Button-close chest pockets

Fit chart MFC-46 · Industrial laundry friendly

· Does not meet ANSI/ISEA 107 requirements

5 OZ. POPLIN, 100% POLYESTER COUNTRY OF ORIGIN: IMPORTED

**SS240R** SHORT SLEEVE (Reg) S-3XL, (Long) L-2XL **SS140R** LONG SLEEVE (Reg) S-3XL, (Long) L-2XL

**SS24YE** SHORT SLEEVE (Reg) S-3XL, (Long) L-2XL **SS14YE** LONG SLEEVE (Reg) S-3XL, (Long) L-2XL



R FIT

#### ENHANCED VISIBILITY RELAXED FIT JEAN

- 2.5" Yellow/Silver enhanced visibility trim
- Relaxed fit · Fits over boots
- · Industrial laundry friendly
- Does not meet ANSI/ISEA 107 requirements

13.75 OZ. HEAVYWEIGHT DENIM, 100% COTTON COUNTRY OF ORIGIN: IMPORTED

#### PD60ED 30-48



Prewashed Denim with Yellow/Silver Visibility Trim ED







#### ENHANCED VISIBILITY CARGO PANT

- 2.5" Yellow/Silver enhanced visibility trim
- $\cdot$  Color retention
- Soft hand
- $\cdot$  Soil release
- Resists wrinkles
- Traditional easy fit
- $\cdot$  Cargo pockets with snap-close flaps
- Front & back pockets
- · Industrial laundry friendly
- Does not meet ANSI/ISEA 107 requirements

7.5 OZ. TWILL, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

#### PT88EN 30-48



Navy with Yellow/Silver Visibility Trim EN





#### ENHANCED VISIBILITY DURA-KAP<sup>®</sup> INDUSTRIAL PANT

- •2.5" Yellow/Silver enhanced
- visibility trim
- Color retention
- Soft hand
- $\cdot$ Soil release
- Resists wrinkles
- Traditional easy fit
- Front & back pockets
- Industrial laundry friendly
- Does not meet ANSI/ISEA 107 requirements

7.5 OZ. TWILL, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

#### PT20EN 30-48





DP 🗾

#### ENHANCED VISIBILITY COTTON WORK PANT

- 2.5" Yellow/Silver enhanced visibility trim
- Color retention
- Soft hand
- Soil release
- Resists wrinkles
- Easy fit
- Front & back pockets
- Industrial laundry friendly
- Does not meet ANSI/ISEA 107 requirements

8.5 OZ. TWILL, 100% WRINKLE-RESISTANT COTTON COUNTRY OF ORIGIN: IMPORTED

#### PC20EV 30-56







#### ZS 💋 DWR 🙆 SAFE-C 🤀

#### ENHANCED VISIBILITY PERFORMANCE WORK HOODIE WITH SAFECINCH<sup>™</sup>

- Wind and water resistant
- Modern fit and styling
- ZeroSkratch<sup>™</sup> front zipper with zipper garage
- Hidden drawstring and neck cinches
- Versatile lay flat or zip-up collar
- Front pouch pockets
- Sleeve utility pocket
- · Cell phone security pocket
- Rib knit cuffs and waistband
- Add embroidery, heat seals or emblems for unique garment personalization
- Fit chart MFC-105
- Industrial laundry friendly

· Does not meet ANSI/ISEA 107 requirements

9.3 OZ. FLEECE, 100% POLYESTER

HJ10YE UNISEX (Reg) XS-4XL, (Long) L-XL

Vis Yellow YE







#### **ENHANCED VISIBILITY PERMA-LINED JACKET**

- · 2.5" Yellow/Silver enhanced visibility trim
- Black quilt lining Hip length
- Fit chart MFC-12 · Industrial laundry friendly
- · Does not meet ANSI/ISEA 107 requirements

7.25 OZ. TWILL, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

JT50EC (Reg) S-3XL, (Long) L-2XL JT50EN (Reg) S-3XL, (Long) L-2XL





Navy with Yellow/Silver Visibility Trim EN



#### ENHANCED VISIBILITY TWILL ACTION-BACK COVERALL

- · 2.5" Yellow/Silver enhanced visibility trim
- Chest pockets · Oversized back pockets
- Rule pocket Fit chart MFC-24
- ·Industrial laundry friendly
- · Does not meet ANSI/ISEA
- 107 requirements

7.25 OZ. TWILL, 65% POLYESTER / 35% COTTON COUNTRY OF ORIGIN: IMPORTED

CT10EN (Reg) 38-54, (Long) 44-48





ENHANCED VISIBILITY

# CUSTORIZATION RED KAP

BLAKE NASHVILLE READY MIX







# <image><section-header>

**REALLY STAND OUT** 

# VISIBILITY APPAREL CUSTOMIZATION

#### **REFLECTIVE TRIM**

There are several options and widths of reflective trim that can be selected for attachment to your garments. A few examples of how a work shirt, pant, or coverall can be transformed into an enhanced-visibility garment are provided on the next several pages. For additional placement information, contact a Workwear Outfitters Customer Service Representative at: 1.800.733.5271.

#### HW - HOME WASH

(NOT SHOWN ACTUAL SIZE)



Description: 1 ½" Yellow/ ½" Silver/Yellow, Activity: YV EH5281

# IL - INDUSTRIAL LAUNDRY

(NOT SHOWN ACTUAL SIZE)



Description: 2 1/2" Yellow/1/2" Silver/Yellow, EH5282 Activity: 1E





IL - INDUSTRIAL LAUNDRY

Description: 2 ½" Orange, EH5336

# CUSTOMIZATION

# 2.5" ORANGE/SILVER/ORANGE PACKAGED STRIPE OPTIONS



ACTUAL SIZE SHOWN: 2<sup>1</sup>/<sub>2</sub>" Orange/<sup>1</sup>/<sub>2</sub>" Silver/Orange





SHOWN ON LOT# PT62CH PACKAGE CODE: DM7



SHOWN ON LOT# CT10CH PACKAGE CODE: DT1

# 2" YELLOW/SILVER/YELLOW PACKAGED STRIPE OPTIONS



ACTUAL SIZE SHOWN: 2" Yellow/ ¾" Silver/Yellow





PACKAGE CODE: DP3

SHOWN ON LOT# JT22NV PACKAGE CODE: D71

# 1" SILVER PACKAGED STRIPE OPTIONS



ACTUAL SIZE SHOWN: 1" Silver





#### SHOWN ON LOT# PT66NV PACKAGE CODE: 1W4



SHOWN ON LOT# JP66NV PACKAGE CODE: 4P1

SHOWN ON LOT# PD60PW PACKAGE CODE: DLK SHOWN ON LOT# SY60LB PACKAGE CODE: 1V7

41

#### MFC-03 MEN'S KNIT SHIRTS

Size	XXS	XS	S	М	L	XL	XXL	3XL	4XL	5XL	6XL	7XL	8XL
Chest	29-32	32-35	35-38	38-41	41-45	45-49½	49½-54	54-58½	58½-63	63-67½	67½-72	72-76½	76½-81

Height **Regular:** up to 5'11" **Tall:** over 5'11"

#### MFC-12 MEN'S JACKETS

Alpha Size	Х	S	9	3	Ν	Λ	I	L	Х		X	(L	3)	(L	4)	(L	5)	(L	6)	(L	7)	(L	8	(L
Chest Size	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78
Chest Max.	32"	34"	36"	38"	40"	42"	44"	46"	48"	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"	70"	72"	74"	76"	78"

NOTE: If waist size is larger than chest size, use waist measurement as size. HEIGHT: Short: 5'3" - 5'7" Regular: 5'7" - 5'11" Long: 5'11" - 6'3" XLong: 6'3" - 6'7"

#### MFC-17 MEN'S PARKAS

Alpha Size	XS	S	М	L	XL	XXL	3XL	4XL	5XL
Chest Max.	34	36	40	44	48	50	52	54	56

NOTE: If waist size is larger than chest size, use waist measurement as size.

#### MFC-18 MEN'S VEST

Alpha Size	М	XL	3XL	5XL	7XL
Chest Max.	40	48	52	56	60

#### MFC-24 MEN'S UNLINED COVERALLS AND OVERALLS

Alpha Size	Х	S	9	S	Ν	Λ	l	-	Х	L	X	KL	3)	(L	42	XL	5)	KL
Numeric Size	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66
Chest Size	30½-32	32½-34	34½-36	36½-38	38½-40	401⁄2-42	421⁄2-44	44½-46	46½-48	48½-50	50½-52	52½-54	54½-56	56½-58	58½-60	60½-62	62½-64	64½-66
Waist Max.	30½	32½	34½	36½	38½	401⁄2	42½	44½	46½	481⁄2	50½	52½	54½	56½	58½	60½	621⁄2	64½
		5170 514					017"											

Short: 5'3" - 5'7" Regular: 5'7" - 5'11" Long: 5'11" - 6'3" XLong: 6'3" - 6'7"

#### MFC-25 MEN'S JACKET

[	Alpha Size	XS	S	М	L	XL	XXL	3XL	4XL	5XL
[	Chest Max.	36	39	42	45	48	52	55	58	63

NOTE: If waist size is larger than chest size, use waist measurement as size.

	Size	S	М	L	XL	2XL	3XL	4XL	5XL
	Neck	13%-14½	14%-15½	15%-16½	16%-17½	17%-18½	181/8-191/2	19%-20½	20%-21½
	Chest	34½-38	38½-42	42½-46	46½-50	50½-53	53½-56	56½-59	59½-62
Ma	ıx. Waist	36	40	44	48	51½	55	58½	62
	RG	34¼	34¾	35¼	35¾	36¼	36¾	37¼	37¾
Sleeve Length	LN	35¾	36¼	36¾	37¼	37¾	38¼	38¾	39¼
5	XLN	37¼	37¾	38¼	38¾	39¼	39¾	40¼	40¾
	RG				Regular Ba	ack Length			
Length	LN				Regular Back L	ength plus 1½'	I		
k Len	XLN				Regular Back	Length plus 4"			
Back	SS				Regular Ba	ack Length			
	SSL				Regular Back	Length plus 4"			

#### MFC-46 MEN'S ALPHA DRESS SHIRT FIT CHART

#### MFC-105

#### **MEN'S JACKETS**

Alpha Size	XS	S	M	L	XL	XXL	3XL	4XL	5XL
Chest Max.	36	39	42	45	49	53	57	61	65

NOTE: If waist size is larger than chest, size, use waist measurement as size.

#### **INDEX / QUICK REFERENCE GUIDE**

LOT #	PAGE	SIZE CHART	LOT #	PAGE	SIZE CHART
CTIOEN	35	MFC-24	SP24WM	30	MFC-46
CTIOHVB	27	MFC-24	SS14AB	22	MFC-46
CTIOOVB	27	MFC-24	SS14HV	19	MFC-46
HJ10YB	26	MFC-105	SS140F	22	MFC-46
HJ10YE	34	MFC-105	SS140R	32	MFC-46
JT50EC	35	MFC-12	\$\$1402	19	MFC-46
JT50EN	35	MFC-12	SS14YE	32	MFC-46
JY32AB	25	MFC-12	SS24AB	22	MFC-46
JY32HV	24	MFC-12	SS24HV	19	MFC-46
JY34YB	25	MFC-25	SS240F	22	MFC-46
JY38HVB	24	MFC-17	SS24OR	32	MFC-46
PC2OEV	33		SS2402	19	MFC-46
PD60ED	32		SS24YE	32	MFC-46
PT18HVB	27		<b>SVY3AB</b>	23	MFC-03
PT20EN	33		SVY4AB	23	MFC-03
PT88EN	33		SX14AB	20-21	MFC-46
SP14EG	30	MFC-46	SX14HV	16-17	MFC-46
SP14EN	30	MFC-46	SX24AB	20-21	MFC-46
SP14ON	30	MFC-46	SX24HV	16-17	MFC-46
SP14WM	30	MFC-46	SY14AB	22	MFC-46
SP24EG	30	MFC-46	SY14HV	18	MFC-46
SP24EN	30	MFC-46	SY14YC	15	MFC-46
SP240N	30	MFC-46	SY14YE	31	MFC-46



CAUTION: Garments contained in this catalog meet government flammability Class 1 requirements but do not provide protection from ignition sources, molten substances or chemical exposure. Special flame-resistant garments are available if required.

Product images and fabric swatches shown here are photomechanically reproduced. As a result, colors may vary from actual fabric samples.

© 2022 Workwear Outfitters, LLC Red Kap®, a brand of Workwear Outfitters, LLC

