

**THERE'S NO MATCH
FOR THIS PATCH.**



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THERE'S NO MATCH FOR THIS PATCH.

AMONG FR MANUFACTURERS, ONLY CARHARTT HAS BEEN MAKING WORKWEAR SINCE 1889. THAT'S A BIG HEAD START IN COMFORT AND QUALITY. NO WONDER THERE'S NO MATCH FOR THE PATCH, AND THE FR IT'S STITCHED TO.

Other great reasons to choose Carhartt FR?

- Designed to help protect electric utility, oil, petrochemical and other workers from electric arc flashes and flash fire hazards.
- Built with premium fabrics for long wear and easy care; Carhartt FR garments can be home or industrial laundered.
- Constructed Carhartt tough with features like triple-stitched main seams.
- Designed to achieve NFPA 70E, NFPA 2112, ASTM, OSHA and NESC standards.
- Guaranteed to be flame resistant for the useful life of the garment, provided clothing-care instructions are followed.

Vertical Flame Test Results: Industrial Laundering

More Than Just Words, Results: Carhartt uses the ASTM vertical flame test to demonstrate the permanent nature of the molecular bond formed during the FR treatment process. However, rather than testing the fabrics after 100 industrial launderings, Carhartt tested the fabrics after 200 industrial launderings.

The Test: ASTM F1506 is the *Standard Performance Specification for Flame Resistant Textile Materials for Wearing Apparel for Use by Electrical Workers Exposed to Momentary Electric Arc and Related Thermal Hazards*. Fabric manufacturers use ASTM F1506 to evaluate the flame resistant properties of fabrics in response to heat and flame under controlled laboratory conditions.

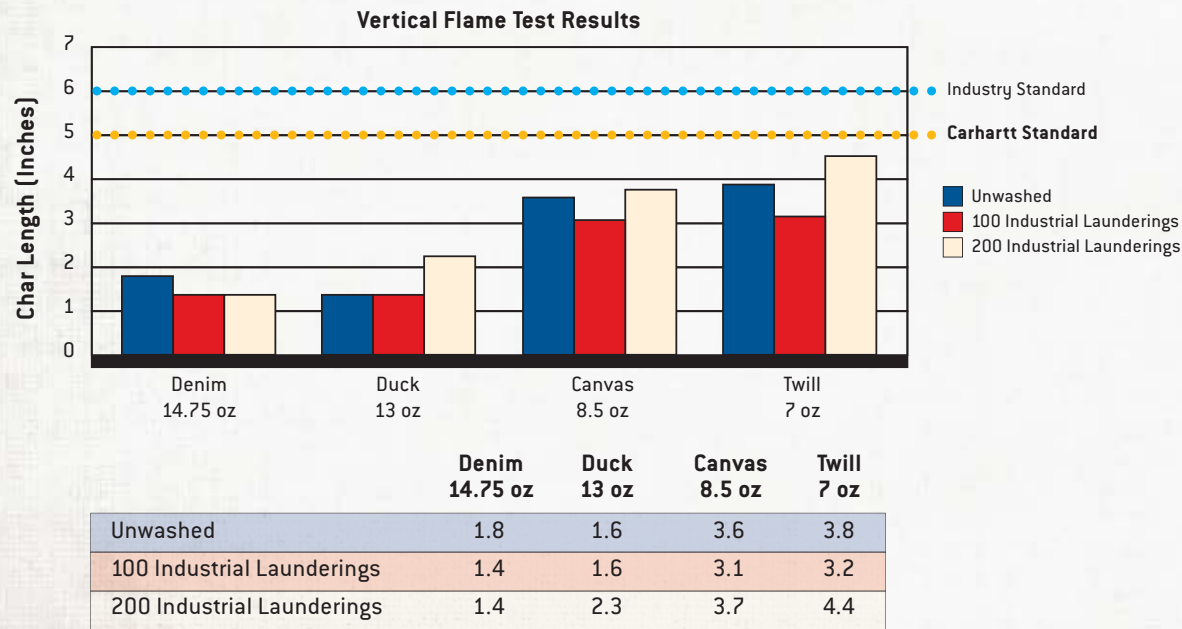
The standard requires fabric samples to be subjected to the ASTM D6413 Vertical Flame Test.

In this test, FR fabric samples are exposed to a 12 second burn test. Once the flame has been removed, the fabric must self-extinguish within 2 seconds and the fabric’s char-length must be less than 6 inches (To pass Carhartt quality standards the fabric char-length must be less than 5 inches). Most fabric manufacturers use the Vertical Flame Test to evaluate the flame-resistant properties of FR fabric after being subjected to 100 industrial launderings. However, Carhartt guarantees flame-resistant properties for the useful life of its FR garments regardless of the number of washings, provided laundering instructions are followed. Therefore, to show the durability and consistency of the FR treatment, Carhartt required the vertical flame test be performed on swatches that had been through 200 Industrial launderings.

The Results: The chart below shows the char-length measurements for unwashed swatches, and swatches industrial laundered up to 200 times. As the chart illustrates, Carhartt garments still maintained their FR properties after 200 industrial launderings (equivalent to approximately 400 home launderings) demonstrating the permanent nature of the molecular bond formed during the FR treatment process.

Vertical Flame Test Results on Industrial Laundered Samples

[Char Length Measured in Inches]



Employers follow three main industry standards to help protect workers from electric arc flashes and flash fires.



NFPA 70E for General Industry

For general industry, NFPA 70E:

- Mandates that employers conduct a *hazard risk assessment* to determine the potential arc exposure for employees who work on or near energized parts or equipment. The level of arc exposure is referred to as the Arc Thermal Performance Value (ATPV) and is measured in calories/cm² (often called a cal rating).
- Requires employees to wear flame-resistant clothing with an ATPV, or cal rating, equal to or greater than the determined arc hazard.
- Simplifies the hazard assessment and compliance process by creating Hazard Risk Categories (HRC) for common tasks an electrical worker would perform. Therefore, an FR clothing item's HRC rating determines if that item provides sufficient protection for a particular job.
As a result, Carhartt FR Clothing carries HRC tags. And, unlike some others, Carhartt HRC tags are externally visible, allowing supervisors and safety officers to easily confirm workers are in compliance with NFPA 70E regulations.



NFPA 2112 For Oil & Petrochemical Industries

For the oil and petrochemical industries, NFPA 2112:

- Mandates that employers conduct a flash-fire hazard assessment to determine the risk of a flash fire.
- Requires employees to wear flame-resistant clothing if the potential for a flash fire exists.



NESC® For Electric Utilities

For electric utilities, NESC:

- Specifies that employers conduct a hazard risk assessment to determine the potential arc exposure for employees who work on or near energized parts or equipment.
- Requires employees to wear flame-resistant clothing with an ATPV, or cal rating, equal to or greater than the determined arc hazard.



CARHARTT FR: GROWING THE LINE TO MEET GROWING DEMAND.

This season, we've strengthened our selection of flame-resistant clothing in multiple ways. Look for new Carhartt FR styles with reflective striping and our three new garments made from Tecasafe Plus[®], an inherently flame-resistant fabric from Tencate: Coverall (pg 9), Pants (pg 13) and Work Shirt (pg 20). Plus, there are many other inherently flame-resistant products throughout the catalog.

NFPA
70E



Flame-Resistant All-Season Bomber Jacket

FRJ020

HRC 2

ATPV
(CAL/CM²)
19.2

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · 6-ounce twill face cloth lining · Two lower-front pockets · Two inside patch pockets with FR hook-and-loop closures · Nomex[®] FR rib-knit cuffs and waistband · Brass front zipper with Nomex[®] FR tape plus inside and outside protective flaps with hook-and-loop closure for electric-arc protection · Back length: Large Regular: 29 inches; Large Tall: 31 inches · Carhartt FR label sewn on front pocket; HRC 2 label sewn on zipper flap · Meets NFPA 70E standards

BRN

DNY

Style #/Color
FRJ020-BRN/Carhartt Brown
FRJ020-DNY/Dark Navy

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | • | TALL |

NFPA
70E



Flame-Resistant Midweight Canvas Dearborn Jacket / Quilt Lined

FRJ164

HRC 3

ATPV
(CAL/CM²)
33.5

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · 8.75-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Two inside patch pockets with FR hook-and-loop closures · Brass front zipper with Nomex[®] FR zipper tape plus inside and outside protective flaps with hook-and-loop closure for electric-arc protection · Under-collar snaps for optional FR hood (FRA002) · Back length: Large Regular: 28.75 inches; Large Tall: 30.75 inches · Carhartt FR and HRC 3 labels sewn on left-front pocket · Meets NFPA 70E standards

BRN

DNY

Style #/Color
FRJ164-BRN/Carhartt Brown
FRJ164-DNY/Dark Navy

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | • | TALL |

FLAME-RESISTANT

NFPA
70E

Flame-Resistant Lanyard Access Jacket / Quilt Lined FRJ003

HRC 3
ATPV
(CAL/CM²)
33.5

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · 8.75-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Pleated bi-swing back for greater ease of movement · Flapped back opening admits a lanyard for attachment to a safety harness · Two chest pockets with flaps and hook-and-loop closures · Two large lower pockets · Two inside patch pockets with FR hook-and-loop closures · Inner-sleeve Nomex® FR rib-knit storm cuffs · Hook-and-loop adjustable cuffs cinch tight to fit under work gloves · Brass front zipper with Nomex® FR tape plus inside and outside protective flaps with hook-and-loop closure for electric-arc protection · Under-collar snaps for optional FR hood [FRA002] · Back length: Large Regular: 29.75 inches; Large Tall: 31.75 inches · Carhartt FR and HRC 3 labels sewn on left-chest pocket · Meets NFPA 70E standards

| BRN | DNY |
|-----|-----|
|-----|-----|

Style #/Color
FRJ003-BRN/Carhartt Brown
FRJ003-DNY/Dark Navy

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



Back

Flame-Resistant Midweight Active Jac / Quilt Lined FRJ237

HRC 3
ATPV
(CAL/CM²)
33.5

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · 8.75-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Two lower front pockets · Two inside patch pockets with FR hook-and-loop closures · Nomex® FR rib-knit cuffs and waistband · Brass front zipper with Nomex® FR tape plus inside and outside protective flaps with hook-and-loop closure for electric-arc protection · Attached quilt-lined hood with adjustable Nomex® FR draw cord · Back length: Large Regular: 29 inches; Large Tall: 31 inches · Carhartt FR label sewn on front pocket; HRC 3 label sewn on zipper flap · Meets NFPA 70E standards

| BRN | DNY |
|-----|-----|
|-----|-----|

Style #/Color
FRJ237-BRN/Carhartt Brown
FRJ237-DNY/Dark Navy

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



NFPA
70E

NEW Flame-Resistant Canvas Bib Overall / Unlined 100163

HRC 2
ATPV
(CAL/CM²)
12.1

8.5 ounce FR canvas: 88% cotton/12% high-tenacity nylon · High back with FR elastic suspenders and FR center-release buckles · Chap-style double-front enhances durability · Brass zipper fly with Nomex® FR zipper tape · FR melamine buttons at waist · Multiple tool and utility pockets · Ankle-to-above-knee leg zippers with Nomex® FR zipper tape and protective flaps with arc-resistant snap closures · Carhartt FR label sewn on back and front pockets; HRC 2 label sewn on left-chest pocket · Meets NFPA 70E standards

| 211 | 410 |
|-----|-----|
|-----|-----|

Style #/Color
100163-211/Carhartt Brown
100163-410/Dark Navy

| | S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|--------|----|----|----|----|-----|-----|-----|-----|---------|
| INSEAM | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | REGULAR |
| | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | TALL |

AVAILABLE SUMMER 2012



NFPA
70E

FLAME-RESISTANT

NFPA
70E



Flame-Resistant Midweight Bib Overall / Quilt Lined

FRR43

HRC 3
ATPV
(CAL/CM²)
33.5

8.5 ounce FR canvas: 88% cotton/12% high-tenacity nylon · 8.75-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · High back with FR elastic suspenders and FR center-release buckles · Chap-style double-front enhances durability · Brass zipper fly with Nomex® FR zipper tape · FR melamine buttons at waist · Multiple tool and utility pockets · Ankle-to-thigh leg zippers with Nomex® FR zipper tape and protective flaps with arc-resistant snap closures · Carhartt FR label sewn on back and front pockets; HRC 3 label sewn on left-chest pocket · Meets NFPA 70E standards

BRN

DNY

Style #/Color
FRR43-BRN/Carhartt Brown
FRR43-DNY/Dark Navy

| | S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|--------|----|----|----|----|-----|-----|-----|-----|---------|
| INSEAM | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | REGULAR |
| | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | TALL |

NFPA
70E



Flame-Resistant Duck Traditional Coat / Quilt Lined

FRC066

HRC 4
ATPV
(CAL/CM²)
54.3

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Two inside patch pockets with FR hook-and-loop closures · Nomex® FR inside-waist adjustable draw cord · Nomex® FR rib-knit storm cuffs · Two-way brass front zipper with Nomex® FR zipper tape plus inside and outside protective flaps and hook-and-loop closure for electric-arc protection · Under-collar snaps for optional FR hood (FRA265) · Back length: Large Regular: 31.5 inches; Large Tall: 33.5 inches · Carhartt FR and HRC 4 labels sewn on left-chest pocket · Meets NFPA 70E standards

BRN

DNY

STL

NEW

Style #/Color
FRC066-BRN/Carhartt Brown
FRC066-DNY/Dark Navy
FRC066-STL/Steel

| | S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|--|----|----|----|----|-----|-----|-----|-----|---------|
| | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | REGULAR |
| | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | TALL |

NFPA
70E



NEW Flame-Resistant Duck Traditional Coat with Reflective Striping / Quilt-Lined

100161

HRC 4
ATPV
(CAL/CM²)
54.3

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Two inside patch pockets with FR hook-and-loop closures · Nomex® FR inside-waist adjustable draw cord · Nomex® FR rib-knit storm cuffs · Two-way brass front zipper with Nomex® FR zipper tape plus inside and outside protective flaps and hook-and-loop closure for electric-arc protection · 3M™ 2-inch reflective contrasting tape (#9187) front and back for 360° visibility with "X" on back · Under-collar snaps for optional FR hood (FRA265) · Back length: Large Regular: 31.5 inches; Large Tall: 33.5 inches · Carhartt FR and HRC 4 labels sewn on left-chest pocket · Meets NFPA 70E standards

434

AVAILABLE SUMMER 2012

Style #/Color
100161-434/Royal

| | S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|--|----|----|----|----|-----|-----|-----|-----|---------|
| | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | REGULAR |
| | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | TALL |

Back of Coat

Flame-Resistant Duck Bib Overall / Unlined

FRR45

HRC 2
ATPV
(CAL/CM²)
16.0

13-ounce, 100% cotton FR duck · High back with FR elastic suspenders and FR center-release buckles · Chap-style double-front enhances durability · Multiple tool and utility pockets · Ankle-to-above-knee brass leg zippers with Nomex® FR zipper tape and protective flaps with arc-resistant snap closures · FR melamine buttons at waist · Brass zipper fly with Nomex® FR zipper tape · Carhartt FR and HRC 2 labels sewn on left-chest pocket · Meets NFPA 70E standards



Style #/Color
FRR45-BRN/Carhartt Brown
FRR45-DNY/Dark Navy

| | WAIST | | | | | | | | | | | | |
|--------|-------|----|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | |

Flame-Resistant Duck Bib Overall / Quilt Lined

FRR44

HRC 4
ATPV
(CAL/CM²)
54.3

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · High back with FR elastic suspenders and FR center-release buckles · Chap-style double-front enhances durability · Multiple tool and utility pockets · Ankle-to-thigh leg zippers with Nomex® FR zipper tape and protective flaps with arc-resistant snap closures · FR melamine buttons at waist · Brass zipper fly with Nomex® FR zipper tape · Carhartt FR label sewn on bib pocket; HRC 4 label sewn on left-chest pocket · Meets NFPA 70E standards



Style #/Color
FRR44-BRN/Carhartt Brown
FRR44-DNY/Dark Navy

| | WAIST | | | | | | | | | | | | |
|--------|-------|----|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | |

NEW Flame-Resistant Duck Bib Overall
with Reflective Striping / Quilt-Lined

100171

HRC 4
ATPV
(CAL/CM²)
54.3

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · High back with FR elastic suspenders and FR center-release buckles · Chap-style double-front enhances durability · Multiple tool and utility pockets · Ankle-to-thigh leg zippers with Nomex® FR zipper tape and protective flaps with arc-resistant snap closures · FR melamine buttons at waist · Brass zipper fly with Nomex® FR zipper tape · 3M™ 2-inch reflective contrasting tape (#9187) front and back for 360° visibility with "X" on back · Carhartt FR label sewn on bib pocket; HRC 4 label sewn on left-chest pocket · Meets NFPA 70E standards



Style #/Color
100171-434/Royal

| | WAIST | | | | | | | | | | | | |
|--------|-------|----|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | |

Shaded sizes will have price upcharge.



NFPA
70E



NFPA
70E



NFPA
70E

AVAILABLE SUMMER 2012

FLAME-RESISTANT

NFPA
70E



NEW Flame-Resistant Duck Coverall / Quilt-Lined 100196

HRC 4
ATPV
(CAL/CM²)
54.3

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Nomex® rib-knit storm cuffs · Brass two-way front zipper with Nomex® FR zipper tape plus inside and outside protective flap with hook-and-loop closure for electric-arc protection · Chap-style double-front enhances durability · Under-collar snaps for optional FR hood [FRA265] · Carhartt FR label sewn on back and front pockets; HRC 4 label sewn on left-chest pocket · Meets NFPA 70E standards

211

434

AVAILABLE SUMMER 2012

Style #/Color
100196-211/Carhartt Brown
100196-434/Royal

| S | M | L | XL | 2XL | 3XL | 4XL | |
|---|---|---|----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | SHORT |
| • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | TALL |

NFPA
70E



Flame-Resistant Duck Bomber Jacket / Quilt Lined FRJ195

HRC 4
ATPV
(CAL/CM²)
54.3

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Two inside patch pockets with FR hook-and-loop closures · Nomex® FR rib-knit cuffs and waistband · Brass front zipper with Nomex® FR zipper tape plus inside and outside protective flaps with hook-and-loop closure for electric-arc protection · Under-collar snaps for optional FR hood [FRA265] · Back length: Large Regular: 29 inches; Large Tall: 31 inches · Carhartt FR label sewn on front pocket; HRC 4 label sewn on zipper flap · Meets NFPA 70E standards

BRN

DNY

Style #/Color
FRJ195-BRN/Carhartt Brown
FRJ195-DNY/Dark Navy

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | • | TALL |

NFPA
70E



Flame-Resistant Duck Active Jac / Quilt Lined FRJ184

HRC 4
ATPV
(CAL/CM²)
54.3

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Two inside patch pockets with FR hook-and-loop closures · Nomex® FR rib-knit cuffs and waistband · Brass front zipper with Nomex® FR zipper tape plus inside and outside protective flaps with hook-and-loop closure for electric-arc protection · Attached quilt-lined hood with adjustable Nomex® FR draw cord · Back length: Large Regular: 29 inches; Large Tall: 31 inches · Carhartt FR label sewn on front pocket; HRC 4 label sewn on zipper flap · Meets NFPA 70E standards

BRN

DNY

Style #/Color
FRJ184-BRN/Carhartt Brown
FRJ184-DNY/Dark Navy

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | • | TALL |

FLAME-RESISTANT

NFPA
70E



NFPA
70E

NFPA
2112



NFPA
70E

NFPA
2112



Flame-Resistant Duck Vest / Quilt Lined

FRV036

HRC 4
ATPV (CAL/CM²)
54.3

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining; FR modacrylic batting quilted to twill face cloth · Two large front pockets · Inside patch pocket with hook-and-loop closure · Nomex® FR rib-knit collar · Brass front zipper with Nomex® FR zipper tape plus inside and outside protective flaps with hook-and-loop closure for electric-arc protection · Back length: Large Regular: 28 inches; Large Tall: 30 inches · Carhartt FR and HRC 4 labels sewn on left-front pocket · Meets NFPA 70E standards



Style #/Color
FRV036-BRN/Carhartt Brown

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |

Flame-Resistant Classic Twill Coverall / Unlined

FRX010

HRC 2
ATPV (CAL/CM²)
8.6

7-ounce FR twill: 88% cotton/12% high-tenacity nylon · Two chest pockets with flaps · Two pass-through pockets · Left-leg utility band · Multiple tool and utility pockets · Spread collar · Brass front zipper with Nomex® FR zipper tape and inside and outside protective flaps · Split-back construction · Pleated bi-swing back · Triple-stitched main seams · Leg openings fit over boots for easy on and off · Carhartt FR label sewn on back and front pockets; HRC 2 label sewn on left-chest pocket · Meets NFPA 70E and NFPA 2112 standards



Style #/Color
FRX010-DNY/Dark Navy
FRX010-KHI/Khaki

| CHEST | | | | | | | | | | |
|-------|----|----|----|----|----|----|----|----|----|---------|
| 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | |
| ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | SHORT |
| ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | TALL |

NEW Flame-Resistant Work Coverall

100162

HRC 2
ATPV (CAL/CM²)
8.4

HRC 2
ATPV (CAL/CM²)
10.1

Khaki

Dark Navy

7-ounce blend of 48% FR modacrylic/37% lyocell/15% aramid (Khaki); 7-ounce blend of 45% FR modacrylic/35% lyocell/20% aramid (Dark Navy) · Two chest pockets with flaps · Two pass-through pockets · Left-leg utility band · Multiple tool and utility pockets · Spread collar · Brass front zipper with Nomex® FR zipper tape and inside and outside protective flaps · Split-back construction · Pleated bi-swing back · Triple-stitched main seams · Leg openings fit over boots for easy on and off · Carhartt FR label sewn on back and front pockets; HRC 2 label sewn on left-chest pocket · Meets NFPA 70E and NFPA 2112 standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
100162-250/Khaki
100162-410/Dark Navy

| CHEST | | | | | | | | | | |
|-------|----|----|----|----|----|----|----|----|----|---------|
| 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | |
| ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | SHORT |
| ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | TALL |

AVAILABLE SUMMER 2012

Shaded sizes will have price upcharge.

FLAME-RESISTANT



NFPA 70E
ANSI CLASS 2

Flame-Resistant High-Visibility
5-Point Breakaway Vest

FRV005

HRC 1
ATPV
(CAL/CM²)
5.1

6.5-ounce FR mesh fabric: 85% modacrylic/15% Kevlar® · 3M™ Scotchlite™ FR reflective material #8935 · 5 breakaway points: FR hook-and-loop closures on front, sides and shoulders · Carhartt FR and HRC 1 labels sewn on left chest · Meets ANSI/ISEA 107-2004 and NFPA 70E standards · Meets ANSI Class 2, Level 2 visibility standards

BLM

Style #/Color
FRV005-BLM/Bright Lime

| S/M | L/XL | 2XL/3XL | 4XL/5XL | REGULAR |
|-----|------|---------|---------|---------|
| • | • | • | • | |

Flame-Resistant Signature
Denim Jean –Relaxed Fit

FRB100

HRC 2
ATPV
(CAL/CM²)
15.2

11.75-ounce, 100% cotton FR denim · Sits slightly below the waist · Relaxed-fitting seat and thighs · Straight leg · Garment washed for a soft finish · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Two reinforced back pockets · Double-stitched main seams · Leg openings fit over boots · Carhartt FR label sewn on back pocket; HRC 2 label sewn on coin pocket · Meets NFPA 70E and NFPA 2112 standards

DNM

Style #/Color
FRB100-DNM/Denim

| | | WAIST | | | | | | | | | | | | | | | |
|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 32 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 34 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 36 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

Flame-Resistant Signature Denim Dungaree

FRB13

HRC 2
ATPV
(CAL/CM²)
15.2

11.75-ounce, 100% cotton FR denim · Sits slightly below the waist · Full seat and thighs · Multiple tool and utility pockets · Left-leg utility band · Two reinforced back pockets · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Triple-stitched main seams · Leg openings fit over boots · Carhartt FR label sewn on back pocket, HRC 2 label sewn on front waistband · Meets NFPA 70E and NFPA 2112 standards

DNM

Style #/Color
FRB13-DNM/Denim

| | | WAIST | | | | | | | | | | | | | | | |
|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 32 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 34 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | 36 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

NFPA 70E
NFPA 2112

NFPA 70E
NFPA 2112

Flame-Resistant Utility Jean – Relaxed Fit

FRB004

HRC 2 14.5-ounce, 100% cotton FR denim · Sits slightly below the waist · Relaxed-fitting seat and thighs · Straight leg · Garment washed for a soft finish · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Two reinforced back pockets · Leg openings fit over work boots · Double-stitched main seams · Carhartt FR label sewn on back pocket, HRC 2 label sewn on coin pocket · Meets NFPA 70E and NFPA 2112 standards

DNM

Style #/Color
FRB004-MDS/Midstone

| INSEAM | WAIST | | | | | | | | | | | | | | | |
|--------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| 30 | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | |



NFPA
70E

NFPA
2112

Flame-Resistant Heavyweight Denim Jean

FRB160

HRC 3 14.75-ounce FR denim: 88% cotton/12% high-tenacity nylon · Garment washed for a soft finish · Sits slightly below the waist · Relaxed-fitting seat and thighs · Straight leg · Two reinforced back pockets · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Double-stitched main seams · Leg openings fit over boots · Carhartt FR label sewn on back pocket; HRC 3 label sewn on coin pocket · Meets NFPA 70E and NFPA 2112 standards

DNM

Style #/Color
FRB160-DNM/Denim

| INSEAM | WAIST | | | | | | | | | | | | | | | |
|--------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| 30 | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | |



NFPA
70E

NFPA
2112

NEW Flame-Resistant Utility Denim Double-Front Jean – Relaxed Fit

100170

HRC 2 14.5-ounce, 100% cotton FR denim · Sits slightly below the waist · Relaxed-fitting seat and thighs · Straight leg · Garment washed for a soft finish · Arc-resistant button closure at waist · Chap-style double-front with cleanout opening to accommodate knee pads · Brass zipper fly with Nomex® FR zipper tape · Utility patch pocket on right leg · Two reinforced back pockets · Leg openings fit over work boots · Triple-stitched main seams · Carhartt FR label sewn on back pocket, HRC 2 label sewn on coin pocket · Meets NFPA 70E and NFPA 2112 standards

451

Style #/Color
100170-451/Midstone

| INSEAM | WAIST | | | | | | | | | | | | | | | |
|--------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| 30 | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | |

AVAILABLE SUMMER 2012



NFPA
70E

NFPA
2112

FLAME-RESISTANT

NFPA
70E

NFPA
2112



NFPA
70E

NFPA
2112



NFPA
70E

NFPA
2112



NEW Flame-Resistant Lined Utility Denim Jean – Relaxed Fit

100160

HRC 3
ATPV
(CAL/CM²)
33

14.5-ounce, 100% FR cotton denim · 7-ounce FR twill lining: 88% cotton/12% high-tenacity nylon · Sits slightly below the waist · Relaxed-fitting seat and thighs · Straight leg · Garment washed for a soft finish · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Triple-stitched main seams · Leg opening fits over work boots · Carhartt FR label sewn on back pocket; HRC 2 label sewn on coin pocket · Meets NFPA 70E and NFPA 2112 standards

451

Style #/Color
100160-451/Midstone

AVAILABLE SUMMER 2012

| | | WAIST | | | | | | | | | | | | | | | |
|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | | | | | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | | | | | |

Flame-Resistant Midweight Canvas Jean – Loose-Fit

FRB159

HRC 2
ATPV
(CAL/CM²)
12.1

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · Sits slightly below the waist · Loose-fitting seat and thighs · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Cell phone pocket and utility pocket · Two reinforced back pockets · Triple-stitched main seams · Leg openings fit over boots · Carhartt FR label sewn on back pocket; HRC 2 label sewn on coin pocket · Meets NFPA 70E and NFPA 2112 standards

GKH DNY MOS DKB
NEW

Style #/Color
FRB159-GKH/Golden Khaki
FRB159-DNY/Dark Navy
FRB159-MOS/Moss
FRB159-DKB/Dark Brown

| | | WAIST | | | | | | | | | | | | | | | |
|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | | | | | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | | | | | |

Flame-Resistant Canvas Cargo Pant

FRB240

HRC 2
ATPV
(CAL/CM²)
12.1

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · Sits slightly below the waist · Full seat and thighs · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Two large side cargo pockets with pen slots · Two reinforced back pockets · Leg openings fit over boots · Triple-stitched main seams · Carhartt FR label sewn on back pocket; HRC 2 label sewn on waistband · Meets NFPA 70E and NFPA 2112 standards

DNY GKH
NEW

Style #/Color
FRB240-DNY/Dark Navy
FRB240-GKH/Golden Khaki

| | | WAIST | | | | | | | | | | | | | | | |
|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | | | | | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | | | | | |

Flame-Resistant Canvas Jean / Quilt Lined

FRB194

HRC 3
ATPV
(CAL/CM²)
33.5

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · 8.75-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Sits slightly below the waist · Full seat and thighs · Ankle-to-thigh leg zippers with Nomex® FR zipper tape · Inner- and outer-leg zipper flaps with arc-resistant snap closures · Double knees with cleanout openings that accommodate knee pads · Reinforced leg-bottom kick panels · Two reinforced back pockets · Triple-stitched main seams · Carhartt FR label sewn on back pocket; HRC 3 label sewn on front waistband · Meets NFPA 70E standards



Style #/Color
FRB194-BRN/Carhartt Brown
FRB194-DNY/Dark Navy

| | WAIST | | | | | | | | | | |
|--------|-------|----|----|----|----|----|----|----|----|----|----|
| | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 |
| INSEAM | | | | | | | | | | | |
| 30 | | | | | | | | | | | |
| 32 | | | | | | | | | | | |
| 34 | | | | | | | | | | | |
| 36 | | | | | | | | | | | |



NFPA
70E

Flame-Resistant Duck Work Dungaree

FRB229

HRC 2
ATPV
(CAL/CM²)
16.0

13-ounce, 100% cotton FR duck · Sits at the waist · Full seat and thighs · Multiple tool and utility pockets · Two reinforced back pockets · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Triple-stitched main seams · Leg openings fit over boots · Carhartt FR label sewn on back pocket; HRC 2 label sewn on front waistband · Meets NFPA 70E and NFPA 2112 standards



Style #/Color
FRB229-BRN/Carhartt Brown
FRB229-MOS/Moss

| | | WAIST | | | | | | | | | | | | | | |
|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | | | | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | | | | |



NFPA
70E

NFPA
2112

NEW Flame-Resistant Work Pant – Relaxed Fit

100172

HRC 2
ATPV
(CAL/CM²)
10.1

7-ounce blend of 45% FR modacrylic/35% Iyocell/20% aramid · Sits slightly below the waist · Relaxed-fitting seat and thighs · Triple-stitched main seams · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Two reinforced back welt pockets · Leg openings fit over boots · Carhartt FR label sewn on back pocket; HRC 2 label sewn on front waistband · Meets NFPA 70E and NFPA 2112 standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
100172-410/Dark Navy

| | | WAIST | | | | | | | | | | | | | | | |
|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 |
| INSEAM | 30 | | | | | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | | | | | |

AVAILABLE SUMMER 2012



NFPA
70E

NFPA
2112

FLAME-RESISTANT

NFPA
70E

NFPA
2112



Flame-Resistant Twill Work Pant

FRB002

HRC 2
ATPV
(CAL/CM²)
12.4

9-ounce FR twill: 88% cotton/12% high-tenacity nylon · Sits slightly below the waist · Full seat and thighs · Triple-stitched main seams · Arc-resistant button closure at waist · Brass zipper fly with Nomex® FR zipper tape · Two reinforced back welt pockets · Leg openings fit over boots · Carhartt FR label sewn on back pocket; HRC 2 label sewn on front waistband · Meets NFPA 70E and NFPA 2112 standards

DNY

Style #/Color
FRB002-DNY/Dark Navy

| | | WAIST | | | | | | | | | | | | |
|--------|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 30 | 31 | 32 | 33 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 |
| INSEAM | 30 | | | | | | | | | | | | | |
| | 32 | | | | | | | | | | | | | |
| | 34 | | | | | | | | | | | | | |
| | 36 | | | | | | | | | | | | | |

Flame-Resistant Work-Dry® Short-Sleeve T-Shirt

FRK008

HRC 1
ATPV
(CAL/CM²)
4.7

6-ounce FR knit: 48% modacrylic/48% Tencel®/4% spandex · Intended for use as a base layer · Work-Dry® material wicks away moisture for comfort · Anti-odor control · Stretchable, spandex-reinforced rib-knit fabric for comfort · Stretchable, spandex-reinforced rib-knit crewneck · Side-seamed construction minimizes twisting · Square hem · HRC 1 label sewn on side seam · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**

DNY SND

Style #/Color
FRK008-DNY/Dark Navy
FRK008-SND/Sand

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| | | | | | | | | REGULAR |
| | | | | | | | | TALL |

NFPA
70E



Flame-Resistant Work-Dry® Long-Sleeve T-Shirt

FRK009

HRC 1
ATPV
(CAL/CM²)
4.7

6-ounce FR knit: 48% modacrylic, 48% Tencel® and 4% spandex · Intended for use as a base layer · Work-Dry® material wicks away moisture for comfort · Anti-odor control · Stretchable, spandex-reinforced rib-knit fabric for comfort · Stretchable, spandex-reinforced rib-knit crewneck and cuffs · Side-seamed construction minimizes twisting · Square hem · HRC 1 label sewn on side seam · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**

DNY LGY SND

Style #/Color
FRK009-DNY/Dark Navy
FRK009-LGY/Light Gray
FRK009-SND/Sand

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| | | | | | | | | REGULAR |
| | | | | | | | | TALL |

NFPA
70E





Flame-Resistant Traditional Short-Sleeve T-Shirt FRK087

HRC 2 6.5-ounce FR knit: 55% modacrylic/45% cotton · Stretchable, spandex-reinforced rib-knit collar · Left-chest pocket · Side-seamed construction minimizes twisting · Square hem · Carhartt FR and HRC 2 labels sewn on pocket · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
FRK087-DNY/Dark Navy
FRK087-LGY/Light Gray

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



Flame-Resistant Traditional Long-Sleeve T-Shirt FRK294

HRC 2 6.5-ounce FR knit: 55% modacrylic/45% cotton · Rib-knit collar and cuffs · Side-seamed construction minimizes twisting · Left-chest pocket · Carhartt FR and HRC 2 labels sewn on pocket · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
FRK294-DNY/Dark Navy
FRK294-LGY/Light Gray
FRK294-SND/Sand

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



Flame-Resistant Traditional Long-Sleeve Henley FRK293

HRC 2 6.5-ounce FR knit: 55% modacrylic/45% cotton · Rib-knit collar and cuffs · Three-button front with FR melamine buttons · Side-seamed construction minimizes twisting · Left-chest pocket · Carhartt FR and HRC 2 labels sewn on pocket · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
FRK293-DNY/Dark Navy
FRK293-LGY/Light Gray

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



FLAME-RESISTANT

NFPA
70E



Flame-Resistant Traditional Long-Sleeve Mock Turtleneck

FRK295

HRC 2
ATPV
(CAL/CM²)
9.8

6.5-ounce FR knit: 55% modacrylic/45% cotton · Rib-knit mock turtleneck collar and cuffs · Side-seamed construction minimizes twisting · Carhartt FR label sewn on left arm; HRC 2 label sewn on side seam · Meets NFPA 70E standards

· **INHERENTLY FLAME-RESISTANT FABRIC**

DNY

LGY

Style #/Color
FRK295-DNY/Dark Navy
FRK295-LGY/Light Gray

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | • | TALL |

NFPA
70E

ANSI
CLASS 3



NEW Flame-Resistant High-Visibility Long-Sleeve T-Shirt – Class 3

FRK003

HRC 2
ATPV/EBT
(CAL/CM²)
10.0

7.75-ounce FR knit: 61% modacrylic/32% cotton/7% polyester · Rib-knit collar and cuffs · Side-seamed construction minimizes twisting · Left-chest pocket · Carhartt FR and HRC 2 labels sewn on pocket · 3M™ Scotchlite™ FR reflective segmented materials · Meets ANSI/ISEA 107-2004 and NFPA 70E standards · Meets ANSI Class 3, Level 2 visibility standards · **INHERENTLY FLAME-RESISTANT FABRIC**

BLM

AVAILABLE SUMMER 2012

Style #/Color
FRK003-BLM/Bright Lime

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | • | TALL |

NFPA
70E



Flame-Resistant Heavyweight Crewneck Sweatshirt

FRK127

HRC 3
ATPV
(CAL/CM²)
33.6

14.25-ounce FR knit: 58% cotton/35% modacrylic/7% polyester · Anti-odor control · Stretchable, spandex-reinforced rib-knit crewneck, cuffs and waistband · Carhartt FR and HRC 3 labels sewn on side seam · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**

DNY

Style #/Color
FRK127-DNY/Dark Navy

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | • | TALL |





Flame-Resistant Heavyweight
Hooded Sweatshirt

FRK006

- HRC 3

ATPV
(CAL/CM²)
33.6
- 14.25-ounce FR knit: 58% cotton/35% modacrylic/7% polyester · Anti-odor control

· Attached hood with adjustable draw-cord closure · Front hand-warmer pocket

· Carhartt FR and HRC 3 labels sewn on pocket · Meets NFPA 70E standards

· **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
FRK006-DNY/Dark Navy

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



Flame-Resistant Heavyweight
Zip-Front Sweatshirt

FRK007

- HRC 3

ATPV
(CAL/CM²)
33.6
- 14.25-ounce FR knit: 58% cotton/35% modacrylic/7% polyester · Anti-odor control

· Attached hood with FR draw-cord closure · Brass front zipper with Nomex® FR zipper tape plus inner and outer protective flaps · Two front hand-warmer pockets

· Stretchable, spandex-reinforced rib-knit cuffs and waistband · Carhartt FR and HRC 3 labels sewn on left-front pocket · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
FRK007-DNY/Dark Navy
FRK007-HGY/Heather Gray

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



Flame-Resistant Chambray Shirt

FRS004

- HRC 1

ATPV
(CAL/CM²)
6.5
- 5.5-ounce FR chambray: 88% cotton/12% high-tenacity nylon · Left-chest pocket with flap and button closure · Extended sleeve plackets with two-button adjustable cuffs · FR melamine buttons throughout · Button-down collar with button closure

· Triple-stitched main seams · Carhartt FR and HRC 1 labels sewn on pocket · Meets NFPA 70E standards



Style #/Color
FRS004-CBL/Blue Chambray

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



FLAME-RESISTANT

NFPA
70E

NFPA
2112



Flame-Resistant Work-Dry® Lightweight Twill Shirt

FRS003

HRC 2

ATPV
(CAL/CM²)
8.7

6-ounce FR twill: 88% cotton/12% high-tenacity nylon · Work-Dry® material wicks away moisture for comfort · Anti-odor fabric treatment · Button-down collar with button closure · Two chest pockets with flaps and button closures · Extended sleeve plackets with two-button adjustable cuffs · FR melamine buttons throughout · Carhartt FR and HRC 2 labels sewn on left pocket · Meets NFPA 70E and NFPA 2112 standards

| KHI | DNY | RYL | MBL |
|-----|-----|-----|-----|
| | | | |
| | NEW | NEW | |

Style #/Color

FRS003-KHI/Khaki

FRS003-DNY/Dark Navy

FRS003-RYL/Royal

FRS003-MBL/Medium Blue

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| | | | | | | | | REGULAR |
| | | | | | | | | TALL |

NFPA
70E



NEW Flame-Resistant Work-Dry® Plaid Twill Shirt 100168

HRC 2

ATPV
(CAL/CM²)
9.3

6-ounce FR twill: 88% cotton/12% high-tenacity nylon · Work-Dry® material wicks away moisture for comfort · Anti-odor fabric treatment · Button-down collar with button closure · Two chest pockets with button closures · Triple-stitched main seams · Extended sleeve plackets with two-button adjustable cuffs · FR melamine buttons throughout · Carhartt FR and HRC 2 labels sewn on left pocket · Meets NFPA 70E standards

| 410 | 465 |
|-----|-----|
| | |

AVAILABLE SUMMER 2012

Style #/Color

100168-410/Dark Navy

100168-465/Medium Blue

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| | | | | | | | | REGULAR |
| | | | | | | | | TALL |

NFPA
70E



Flame-Resistant Lightweight Twill Tradesmen Shirt

FRS159

HRC 1

ATPV
(CAL/CM²)
5.8

6-ounce FR twill: 88% cotton/12% high-tenacity nylon · Left-chest tradesmen pocket with easy angle pen pocket, double-front utility pocket and button closure · Right-chest pocket with button closure · Extended sleeve plackets with two-button adjustable cuffs · FR melamine buttons throughout · Button-down collar with button closure · Triple-stitched main seams · Carhartt FR and HRC 1 labels sewn on left pocket · Meets NFPA 70E standards

| KHI | DNY | MBL |
|-----|-----|-----|
| | | |

Style #/Color

FRS159-KHI/Khaki

FRS159-DNY/Dark Navy

FRS159-MBL/Medium Blue

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| | | | | | | | | REGULAR |
| | | | | | | | | TALL |

FLAME-RESISTANT

Flame-Resistant Twill Shirt with Pocket Flaps

FRS160

HRC 2
ATPV (CAL/CM²)
8.6

7-ounce FR twill: 88% cotton/12% high-tenacity nylon · Two chest pockets with flaps and button closures · Extended sleeve plackets with two-button adjustable cuffs · FR melamine buttons throughout · Button-down collar with button closure · Triple-stitched main seams · Carhartt FR and HRC 2 labels sewn on left pocket · Meets NFPA 70E and NFPA 2112 standards



Style #/Color
FRS160-KHI/Khaki
FRS160-MBL/Medium Blue
FRS160-DNY/Dark Navy
FRS160-GRY/Gray

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



NFPA
70E

NFPA
2112

Flame-Resistant Plaid Shirt

FRS007

HRC 1
ATPV (CAL/CM²)
7.7

7-ounce, 100% cotton FR twill · Two chest pockets with button closures · Extended sleeve plackets with two-button adjustable cuffs · FR melamine buttons throughout · Button-down collar with button closure · Triple-stitched main seams · Carhartt FR label sewn on left pocket · Meets NFPA 70E standards



Style #/Color
FRS007-BLU/Blue

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |



NFPA
70E

Flame-Resistant Snap-Front Work Shirt

FRS006

HRC 2
ATPV (CAL/CM²)
8.6

7-ounce FR twill: 88% cotton/12% high-tenacity nylon · Spread collar with button closure · Snap-front closure · Two chest pockets with flaps and snap closures · Three-snap adjustable cuffs · Triple-stitched main seams · Carhartt FR label sewn on left-chest pocket · Meets NFPA 70E standards



Style #/Color
FRS006-KHI/Khaki
FRS006-RYL/Royal

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| ● | ● | ● | ● | ● | ● | ● | ● | REGULAR |
| ● | ● | ● | ● | ● | ● | ● | ● | TALL |



NFPA
70E

FLAME-RESISTANT

NFPA
70E

NFPA
2112



NEW Flame-Resistant Work Shirt

100167

HRC 1
ATPV
(CAL/CM²)
6.5

5.8-ounce FR twill: a blend of 48% FR modacrylic/37% lyocell/15% aramid · Two chest pockets with flaps and button closure · Extended sleeve plackets with two-button adjustable cuffs · FR melamine buttons throughout · Button-down collar with button closure · Triple-stitched main seams · Carhartt FR and HRC 1 labels sewn on left pocket · Meets NFPA 70E and NFPA 2112 standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
100167-250/Khaki
100167-410/Dark Navy

AVAILABLE SUMMER 2012

| S | M | L | XL | 2XL | 3XL | 4XL | 5XL | |
|---|---|---|----|-----|-----|-----|-----|---------|
| • | • | • | • | • | • | • | • | REGULAR |
| • | • | • | • | • | • | • | • | TALL |

NFPA
70E



Flame-Resistant Double-Layer Work-Dry® Balaclava

FRA003

HRC 2
ATPV
(CAL/CM²)
15.0

6-ounce, 2-ply FR knit: a blend of 48% modacrylic/48% Tencel®/4% spandex · Work-Dry® material wicks away moisture for comfort · Anti-odor control · Full facial protection extends below the neckline · Face mask pulls down below the chin when not needed · Flat-seam, 2-ply construction enhances comfort and warmth · Carhartt FR label sewn on back · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**

DNY

Style #/Color
FRA003-DNY/Dark Navy

ONE SIZE FITS ALL

NFPA
70E



Flame-Resistant Knit Balaclava

FRA289

HRC 2
ATPV
(CAL/CM²)
11.6

9.5-ounce FR knit: 55% modacrylic/43% cotton/2% spandex · Full-facial protection extends below the neckline · Face mask pulls down below the chin when not needed · Flat-seam construction enhances comfort · Carhartt FR label sewn on back · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**

DNY

Style #/Color
FRA289-DNY/Dark Navy

ONE SIZE FITS ALL

NEW Flame-Resistant Fleece 2-in-1 Knit Hat 100164

| | |
|---|--|
| HRC 2 ATPV (CAL/CM²) 15 | Hat: 7-ounce Nomex® IIIA fleece; Pull-down face mask: 6-ounce, 48% modacrylic/48% Tencel®/4% spandex face and chin guard · Fleece hat with pull-down face mask for warmth and protection · Mask can be tucked up into hat when not in use, Carhartt FR label sewn on front · Meets NFPA 70E standards · INHERENTLY FLAME-RESISTANT FABRIC |
|---|--|

410

Style #/Color
100164-410/Dark Navy

ONE SIZE FITS ALL

AVAILABLE SUMMER 2012



NEW Flame-Resistant Fleece Neck Gaiter 100165

| | |
|--|--|
| HRC 2 ATPV (CAL/CM²) 9.1 | 12-ounce fleece for warmth · Wind- and water-resistant fabric · Breathable · Carhartt FR label sewn on back seam · Meets NFPA 70E standards · INHERENTLY FLAME-RESISTANT FABRIC |
|--|--|

410

Style #/Color
100165-410/Dark Navy

ONE SIZE FITS ALL

AVAILABLE SUMMER 2012



NEW Flame-Resistant Fleece Hat 100166

| | |
|---|--|
| HRC 2 ATPV/EBT (CAL/CM²) 15.2 | 7-ounce Nomex® IIIA fleece for warmth · Breathable · Carhartt FR label sewn on front · Meets NFPA 70E standards · INHERENTLY FLAME-RESISTANT FABRIC |
|---|--|

410

Style #/Color
100166-410/Dark Navy

ONE SIZE FITS ALL

AVAILABLE SUMMER 2012



FLAME-RESISTANT



Flame-Resistant Midweight Canvas Hood

FRA002

| |
|---------------------------|
| HRC 3 |
| ATPV (CAL/CM²) 33.5 |

8.5-ounce FR canvas: 88% cotton and 12% high-tenacity nylon · 8.75-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Three-piece hood design for a better fit · Chin protector with FR hook-and-loop closure · Adjustable Nomex® FR draw cord for adjustment · Arc-resistant snaps for attachment to FR outerwear only · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**

| | |
|-----|-----|
| DNY | BRN |
|-----|-----|

Style #/Color
FRA002-DNY/Dark Navy
FRA002-BRN/Carhartt Brown

Compatible with:
FRJ164 FR Midweight Canvas Dearborn Jacket
FRJ003 FR Lanyard Access Jacket

ONE SIZE FITS ALL



Flame-Resistant Duck Hood / Quilt Lined

FRA265

| |
|---------------------------|
| HRC 4 |
| ATPV (CAL/CM²) 54.3 |

13-ounce, 100% cotton FR duck · 11.5-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Three-piece hood design for a better fit · Chin protector with FR hook-and-loop closure · Adjustable Nomex® FR draw cord · Arc-resistant snaps for attachment to FR outerwear only · Carhartt FR label sewn on back · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**

| | |
|-----|-----|
| BRN | DNY |
|-----|-----|

Style #/Color
FRA265-BRN/Carhartt Brown
FRA265-DNY/Dark Navy

Compatible with:
FRC066 FR Duck Traditional Coat
FRJ195 FR Duck Bomber Jacket

ONE SIZE FITS ALL



Flame-Resistant Women's Cotton-Blended Denim Jean – Straight-Leg

WFRB160

| |
|---------------------------|
| HRC 3 |
| ATPV (CAL/CM²) 25.0 |

14.75-ounce FR denim: 88% cotton/12% high-tenacity nylon · Relaxed-fitting seat and thighs · Contoured waistband eliminates gapping in back · Mid-rise fit for added comfort · Arc-resistant high-tension snap closure at waist · Brass zipper fly with Nomex® FR zipper tape · Two reinforced back pockets · Straight leg openings fit over boots · Carhartt FR label sewn on back pocket; HRC 3 label sewn on coin pocket · Meets NFPA 70E and NFPA 2112 standards

| |
|-----|
| DNM |
|-----|

Style #/Color
WFRB160-DNM/Denim

| WAIST | | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
|--------|----|---|---|---|---|----|----|----|----|----|----|
| INSEAM | 28 | | | | | | | | | | |
| | 30 | | | | | | | | | | |
| | 32 | | | | | | | | | | |
| | 34 | | | | | | | | | | |

FLAME-RESISTANT

Flame-Resistant Women’s Canvas Work Pant

WFRB159

HRC 2
ATPV
(CAL/CM²)
12.1

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · Loose-fitting seat and thighs · Contoured waistband eliminates gapping in back · Mid-rise fit for added comfort · Cell phone pocket and utility pocket · Arc-resistant high-tension snap closure at waist · Brass zipper fly with Nomex® FR zipper tape · Two reinforced back pockets · Triple-stitched main seams · Straight leg openings fit over boots · Carhartt FR label sewn on back pocket; HRC 2 label sewn on coin pocket · Meets NFPA 70E and NFPA 2112 standards



Style #/Color
WFRB159-DNY/Dark Navy
WFRB159-GKH/Golden Khaki

| | | WAIST | | | | | | | | | | |
|--------|----|-------|---|---|---|----|----|----|----|----|----|---|
| | | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | |
| INSEAM | 28 | • | • | • | • | • | • | • | • | • | • | • |
| | 30 | • | • | • | • | • | • | • | • | • | • | • |
| | 32 | • | • | • | • | • | • | • | • | • | • | • |
| | 34 | • | • | • | • | • | • | • | • | • | • | • |



NFPA
70E

NFPA
2112

Flame-Resistant Women’s Long-Sleeve Henley

WFRK293

HRC 2
ATPV
(CAL/CM²)
9.8

6.5-ounce FR knit: 55% modacrylic/45% cotton · Rib-knit collar and cuffs · Three-button front with FR melamine buttons · Side-seamed construction minimizes twisting · Longer length provides coverage while reaching and bending · Left-chest pocket · Carhartt FR label sewn on hem; HRC 2 label sewn on left-chest pocket · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
WFRK293-DNY/Dark Navy

| XS | S | M | L | XL | XXL |
|----|---|---|---|----|-----|
| • | • | • | • | • | • |



NFPA
70E

Flame-Resistant Women’s Long-Sleeve T-Shirt

WFRK294

HRC 2
ATPV
(CAL/CM²)
9.8

6.5-ounce FR knit: 55% modacrylic/45% cotton · Rib-knit collar and cuffs · Side-seamed construction minimizes twisting · Longer length provides coverage while reaching and bending · Left-chest pocket · Carhartt FR label sewn on hem; HRC 2 label sewn on left-chest pocket · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**



Style #/Color
WFRK294-DNY/Dark Navy

| XS | S | M | L | XL | XXL |
|----|---|---|---|----|-----|
| • | • | • | • | • | • |



NFPA
70E

FLAME-RESISTANT



Flame-Resistant Women's Zip-Front Hooded Sweatshirt

WFRK296

HRC 2
ATPV
(CAL/CM²)
18.5

10-ounce FR knit: 55% modacrylic/45% cotton · Attached hood with draw-cord closure · Brass front zipper with Nomex® FR zipper tape plus interior and exterior storm flaps · Two front hand-warmer pockets · Longer length provides coverage while reaching and bending on the job · Carhartt FR and HRC 2 labels sewn on pocket · Meets NFPA 70E standards · **INHERENTLY FLAME-RESISTANT FABRIC**

DNY

Style #/Color
WFRK296-DNY/Dark Navy

| XS | S | M | L | XL | XXL |
|----|---|---|---|----|-----|
| • | • | • | • | • | • |



Flame-Resistant Women's Twill Shirt

WFRS160

HRC 2
ATPV
(CAL/CM²)
8.6

7-ounce FR twill: 88% cotton/12% high-tenacity nylon · Two chest pockets with flaps and button closures · Extended sleeve plackets with two-button cuffs · FR melamine buttons · Button-down collar · Triple-stitched main seams · Shaped shirt tail · Carhartt FR and HRC 2 labels sewn on left-chest pocket · Meets NFPA 70E standards

DNY KHI

Style #/Color
WFRS160-DNY/Dark Navy
WFRS160-KHI/Khaki

| XS | S | M | L | XL | XXL |
|----|---|---|---|----|-----|
| • | • | • | • | • | • |



Flame-Resistant Women's Midweight Canvas Active Jac

WFRJ130

HRC 3
ATPV
(CAL/CM²)
33.5

8.5-ounce FR canvas: 88% cotton/12% high-tenacity nylon · 8.75-ounce FR quilt lining: FR modacrylic batting quilted to twill face cloth · Two inside patch pockets with FR hook-and-loop closures · Nomex® FR rib-knit cuffs and waistband · Brass front zipper with Nomex® FR zipper tape has inside and outside protective flaps with hook-and-loop closure for electric-arc protection · Attached quilt-lined hood with adjustable Nomex® FR draw cord · Back length: Medium: 28.5 inches · Carhartt FR and HRC 3 labels sewn on left pocket · Meets NFPA 70E standards

BRN DNY

Style #/Color
WFRJ130-BRN/Carhartt Brown
WFRJ130DNY/Dark Navy

| XS | S | M | L | XL | XXL |
|----|---|---|---|----|-----|
| • | • | • | • | • | • |

SIZING CHARTS

SHIRTS & OUTERWEAR

| | SMALL | | MEDIUM | | LARGE | | X-LARGE | | 2X-LARGE | | 3X-LARGE | | 4X-LARGE | |
|------------|-------|----|--------|----|-------|----|---------|----|----------|----|----------|----|----------|----|
| | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 |
| Chest | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 |
| Waist | 28 | 30 | 32 | 34 | 36 | 38 | 40½ | 43 | 45½ | 48 | 51 | 54 | 58 | 62 |
| Hip (Seat) | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 |

NOTE: If your chest and/or waist measurement falls between sizes, buy the larger size.

Differences between Regular & Tall Sizing:

Outerwear, Long-Sleeve Shirts, and Sweats:

- Tall sizes are 2" longer than Regular sizes.
- Tall long-sleeve lengths are 2" longer than Regular sleeve lengths; short-sleeve lengths are ½" longer than Regular sleeve lengths.

Also applies to Coverall Style X06.

Coveralls:

- Tall sizes are 1" longer than Regular sizes.
- Tall sleeve lengths are 1" longer than Regular sleeve lengths.
- Does not apply to Coverall Style X06.*
- Short sleeve lengths are 1" shorter than Regular sleeve lengths.

REGULAR, SHORT & TALL SIZES

| If your body measurement is: | You should order this size: | |
|------------------------------|-------------------------------|---------------------------|
| Height | Recommended Length of Garment | Length of Coverall Inseam |
| 5'3" to 5'7" | Short* | 28 |
| 5'7" to 5'11" | Regular | 30 |
| 5'11" to 6'3" | Tall | 32 |

**Available in coveralls only.*

INSEAM LENGTHS

| If your normal inseam preference is: | You should order this size: |
|--------------------------------------|-----------------------------|
| Inseam Measurement | Overall Inseam Measurement |
| 27–28 | 28 |
| 29–30 | 30 |
| 31–32 | 32 |
| 33–34 | 34 |
| 35–36 | 36 |

NOTE: If your inseam length falls between sizes, buy the longer size.

OUTERWEAR & COVERALLS

| CHEST MEASUREMENT | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Coats and Coveralls Style X06/100196 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | — | — | — | — |
| Coveralls Styles X01/X02 (If Worn Alone) | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | — | — | — | — | — | — |
| Coveralls Styles X01/X02 (If Worn Over Other Clothes) | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | — | — | — | — | — | — | — |

NOTE: If your chest measurement falls between sizes, buy the larger size.

OVERALLS & BIBERALLS

| WAIST MEASUREMENT | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57 |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 |
| Overalls Styles R01/R02/ R03/R06/R07/R27/R28/ R29/R41/R43 (If Worn Alone) | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 |
| Overalls Styles R01/R02/ R03/R06/R07/R27/R28/ R29/R41/R43 (If Worn Over Other Clothes) | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | — |
| Overalls Styles R19/FRR44/FRR45/ FRR43/100163 | — | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 |
| Biberalls Styles R33/R38 Overall Style R37 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | — | — | — | — |
| Waist Overall Styles B194/FRB194 | — | — | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | — | — | — | — |

NOTE: If your waist measurement falls between sizes, buy the larger size.

Sizing Information

PANTS

| | SMALL | MEDIUM | LARGE | X-LARGE | 2X-LARGE | 3X-LARGE | 4X-LARGE |
|---|-------|--------|-------|---------|----------|----------|----------|
| | S | M | L | XL | 2XL | 3XL | 4XL |
| Waist Measurement All Pants & Shorts | 28–30 | 31–34 | 35–38 | 39–42 | 43–46 | 47–50 | 51–54 |

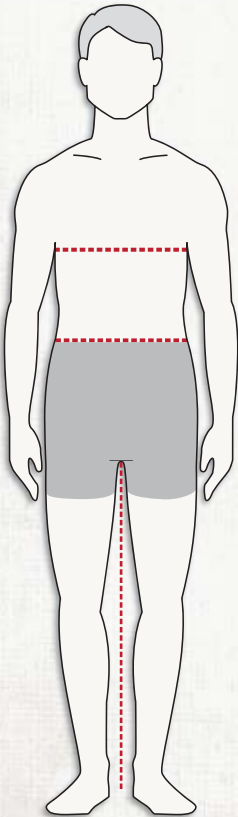
HATS

| | MEDIUM/LARGE | LARGE/X-LARGE |
|----------------------------|--------------|---------------|
| Hat Measurement (diameter) | 7 – 7¼ | 7¾ – 7⅝ |
| Head Measurement | 22 – 22¾ | 23¼ – 23¾ |

NAIL APRON

| | SMALL/MEDIUM | LARGE/X-LARGE | 2X-LARGE |
|-------------|--------------|---------------|----------|
| Waist Range | Up to 42 | Up to 48 | Up to 52 |

How to Measure



For best results, measure over your undergarments.

Chest:

Measure just under arms and across shoulder blades holding the tape firm and level. If your chest falls between sizes, order the next size up.

Waist:

Measure around your natural waistline, keeping the tape comfortably loose.

Inseam:

Measure pants that fit you well. Lay them flat, with the front and back creased smooth. Measure along the inseam from crotch to bottom of leg hem. Or, if you don't have pants that fit comfortably, measure from your crotch to your desired pant length.

SHIRTS, OUTERWEAR & BOTTOMS

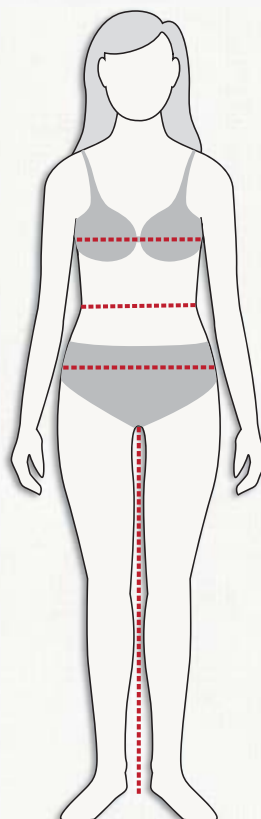
| | X-Small | | Small | | Medium | | Large | | XL | | XXL |
|------------|---------|----|-------|----|--------|----|-------|----|-----|-----|-----|
| | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| Bust | 32 | 33 | 34 | 35 | 36 | 37 | 38½ | 40 | 41½ | 43½ | 46 |
| Waist | 25 | 26 | 27 | 28 | 29 | 30 | 31½ | 33 | 34½ | 36½ | 39 |
| Hip (Seat) | 35 | 36 | 37 | 38 | 39 | 40 | 41½ | 43 | 44½ | 46½ | 49 |

INSEAM LENGTHS

| If your normal inseam preference is: | You should order this size: | |
|--------------------------------------|-----------------------------|---------|
| Inseam Measurement | Overall Inseam Measurement | |
| 27–28 | 28 | X-Short |
| 29–30 | 30 | Short |
| 31–32 | 32 | Regular |
| 33–34 | 34 | Tall |
| 35–36 | 36 | Long |

NOTE: If your inseam length falls between sizes, buy the longer size. In all inseam lengths.

How to Measure



For best results, measure over your undergarments.

Bust:

Measure the fullest part of your bust, keeping the tape level to the floor.

Waist:

Measure your natural waist where your torso is the smallest.

Hips:

Stand with heels together and measure the fullest part of your hips (approximately 8" below the natural waist)

Inseam:

Measure pants that fit you well. Lay them flat, with the front and back creased smooth. Measure along the inseam from crotch to bottom of leg hem. Or, if you don't have pants that fit comfortably, measure from your crotch to your desired pant length.

FREQUENTLY ASKED QUESTIONS

1. Who is Carhartt Flame-Resistant (FR) Clothing designed for?

Carhartt FR Clothing is designed for electricians and workers in the utility, oil, gas and petrochemical fields who are at risk of exposure to electric arc flashes and flash fires, which could cause severe or fatal burn injuries. Typical candidates for FR clothing include electric linemen, pipeline and refinery workers, as well as industrial electricians.

2. How does Carhartt FR Clothing help protect against burn injury?

Through the use of flame-resistant chemicals or fabric blends, Carhartt FR Clothing is designed to self-extinguish within seconds after the source of ignition is removed, limiting the degree of burn and body burn percentage. It is not designed to be flame proof; it is flame-resistant.

3. Can the flame-resistant chemicals be washed out?

No. Carhartt FR Clothing is guaranteed to be flame-resistant for the useful life of the garment regardless of the number of launderings, provided garment-care instructions are followed.

4. How can Carhartt FR Clothing be distinguished from traditional Carhartt clothing?

Carhartt FR Clothing is clearly identified with a "FR Carhartt" patch in place of the traditional Carhartt patch. Product hang tags and HRC labels also help distinguish Carhartt flame-resistant products.

5. What is an HRC?

An HRC or Hazard Risk Category is a rating for FR clothing that indicates the level of protection the garment provides. There are five HRCs ranging from 0 to 4, with an HRC of 0 representing the least protection, and an HRC of 4 representing the most protection. The NFPA 70E consensus standard assigns these categories based on the electrical maintenance task to be performed, and each HRC correlates to a specific range of ATPVs. For example, HRC 1 would include ATPVs greater than 5 cal/cm² but less than 8 cal/cm².

6. What is an ATPV?

An Arc Thermal Performance Value (ATPV) is a rating assigned to flame-resistant clothing indicating the level of protection provided. Higher-weight (e.g., thicker, denser) fabrics typically have higher ATPVs and provide increased protection (as does the layering of FR clothing). All Carhartt FR Clothing has the ATPV marked on the inside label for easy reference.

7. Can Carhartt FR Clothing be repaired?

Yes, Carhartt FR Clothing can be repaired, but repairs must be made with fabrics and sewing threads that have at least the same FR characteristics as the original garment. Jobs like replacing zippers should be done at the factory, and we recommend you contact Carhartt directly to make arrangements for your repair.

8. Is flame-resistant thread required for embroidery applications?

None of the current regulations governing the use of flame-resistant clothing specifically require the use of flame-resistant thread for embroidery applications. However, Carhartt recommends using flame-resistant thread for embroidery or emblem attachment.

9. Can I use DEET on flame-resistant clothing?

No. DEET is one of the most effective mosquito repellents on the market, but it should only be used on the skin, never on FR clothing. For the most effective mosquito and tick protection, use DEET based repellents on the skin (especially on exposed skin) and use a permethrin (the active ingredient in most lice shampoos) product washed into or applied to flame-resistant clothing. These products do not add any appreciable flammability to FR clothing and therefore do not affect its flame-resistant properties. When using permethrin in a spray form, use the WATER-BASED formulas only. Propellants are almost always flammable in this application, so the powder form washed into the clothing or the WATER-BASED spray formulas is recommended.

Carhartt guarantees the flame-resistant properties of our FR workwear for the useful life of the garment, regardless of the number of launderings, provided the garment-care instructions on the label are followed.





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responsible sources
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carharttFR.com