PIONEER®
ESTABLISHED 1887

The BEST in FR GEAR
2023

WE HAVE YOU COVERED!

FROM INNER LAYER...

FR-Tech®
Flame-Resistant
7 oz Safety Shirts

FR/ARC-Rated
Quilted Safety Overalls –
88% Cotton 12% Nylon –
Modacrylic Viscose blend
Insulation

Superior ARC and Flash Fire Protection

Flash fire and ARC hazards are the cause of some of the most extreme injuries in our work force today. Pioneer is dedicated to providing the best selection, quality, comfort, and most-protective FR/ARC gear in the Canadian market. We offer head to toe protective gear from coveralls to innerwear, to vests, shirts, toques, and winter outerwear. Our gear is all 3rd party tested and, where noted, made in UL-approved factories to meet the needed CGSB 155.20, NFPA 2112, CSA and ASTM FR/ARC standards. All our premium componentry is tested to meet FR/ARC standards including materials, threads, zippers, fitments, and labels.

Whether you need protection working in the oil patch, utilities, mining, EV servicing, petroleum transportation, infrastructure, or construction, Pioneer has you covered.

TO OUTER LAYER...

NOMEX®
IIIA Beanie

FR/ARC-Rated
Quilted Safety Parka –
88% Cotton 12% Nylon –
Modacrylic Viscose blend
Insulation

FLAMMABLE

3

SureWerx®

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Hi-Vis Flame-Resistant Vests

| V2510850 | 6914A | Hi-Vis Orange |
| V2510860 | 6916A | Hi-Vis Yellow/Green |

FLAME-GARD®

- FR-treated polyester mesh
- Meets EN ISO 14116 Index 1
- Tested to ASTM D6413 for flame resistance (Damaged length under 6")
- Must be worn over an FR sleeved garment
- CSA Z96-22 Class 2 Level 2
- ANSI/ISEA 107-2020 Class 2 Type P and R
- 5-point tear-away
- Premium StarTech® FR reflective tape
- D-ring access slot
- Adjustable 1 size up at front
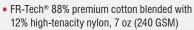- **SIZE RANGE:** S/M-4/5XL

6914A

6916A

FR-Tech® 88/12 7 oz FR/ARC-Rated Hi-Vis Surveyor's Safety Vests

V2540740	7731	Red
V2540750	7732	Hi-Vis Orange
V2540780	7733	Royal Blue

FR-TECH® ARC GARD® ARC 2 ATPV 10

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL – must be worn with an FR/arc-rated sleeved garment
- 7731/7733 – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- 7732 – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 10 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm²
- Premium StarTech® FR reflective tape with aramid backing
- Flame resistance guaranteed for the life of the garment
- Metal snap front closure
- Radiophone clip strap and pocket
- Multiple front pockets including cell phone pockets, 4 inner pockets, big back pouch with zipper opening
- D-ring access slot and hanger loop
- Reinforced shoulder seam, contrast binding
- **SIZE RANGE:** S-4XL

7731

7732

7733

FR-Tech® 88/12 7 oz Flame-Resistant Hi-Vis Safety Vests

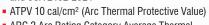| V2540050 | 7728 | Hi-Vis Orange |
| V2540070 | 7729 | Black |
| V2540080 | 7730 | Royal Blue |

FR-TECH® ARC GARD® ARC 2 ATPV 10

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20, 2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-20A, NFPA 70E-2024, and CSA Z462-2024
- ATPV 10 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category Average Thermal Protective Performance (TPP) value: 8.4 cal/cm²
- 7729/7730 – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- 7728 – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- Premium StarTech® FR reflective tape
- Sewn with inherently FR thread
- Flame resistance guaranteed for the life of the garment
- Radiophone clip strap
- Cellphone pocket
- Non-conductive concealed snaps
- D-ring access slot
- **SIZE RANGE:** S-4XL

7728

7729

7730

FR Hi-Vis Mesh Safety Vests with 2" Tape

| V2510950 | 6943 | Hi-Vis Orange |
| V2510960 | 6944 | Hi-Vis Yellow |

FLAME-GARD®

- FR-treated polyester mesh
- CSA Z96-22 Class 2 Level 2
- ANSI/ISEA 107-2020 Class 2 Type P and R
- Meets EN ISO 14116 Index 1 for fire-spreading resistance
- Tested to ASTM D6413 for flame resistance
- Must be worn over an FR sleeved garment
- Premium StarTech® FR reflective tape
- Full front zipper closure
- One chest pocket outside
- Two lower pockets with hook and loop closure
- **SIZE RANGE:** S-5XL

6943

6944

100% Cotton FR Interlock 7 oz Henley Shirts

V2580230	**331**	Beige
V2580270	**332**	Black

FLAME-GARD®
ARC⚡GARD® | ARC **2** | ATPV **11**

UL CERTIFIED

- 100% FR-treated preshrunk cotton interlock knit, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 11 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP): 15.2 cal/cm²
- Sewn with inherently FR thread
- Left chest pocket
- Self-fabric crew neck collar
- Henley placket neck opening with 3 buttons
- Comfortable self-fabric cuffs
- **SIZE RANGE:** S-5XL

331

332

FR/Arc-Rated Long-Sleeved Shirts – 100% Cotton

V2580310	**333**	Light Grey
V2580380	**333**	Navy

FLAME-GARD®
ARC⚡GARD® | ARC **2** | ATPV **15**

- 100% FR-treated preshrunk cotton knit, 7.5 oz (250 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-22, NFPA 70E-2024, and CSA Z462-2024
- ATPV 15 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 12.1 cal/cm²
- Sewn with inherently FR thread
- Left chest pocket
- Crew neck collar
- Comfort knit cuffs
- **SIZE RANGE:** S-5XL

333

333

Hi-Vis FR/Arc-Rated Long-Sleeved Safety Shirts – 100% Cotton

V2580450	**339SFA**	Orange
V2580470	**340SFA**	Black

FLAME-GARD®
ARC⚡GARD® | ARC **2** | ATPV **15**

UL CERTIFIED

339SFA

340SFA

- 100% FR-treated preshrunk cotton, 7.5 oz (250 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-22, NFPA 70E-2024, and CSA Z462-2024
- ATPV 15 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 12.1 cal/cm²
- Premium StarTech® FR reflective tape
- Sewn with inherently FR thread
- Self-fabric crew neck
- Chest pocket with hook-and-loop closure
- **SIZE RANGE:** S-5XL

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Flame-Resistant Heavyweight Cotton Hoodie

| V2570170 | 335 | Black |

FLAME-GARD®
ARC GARD® ARC 2 | ATPV 20

UL CERTIFIED

- 100% FR-treated preshrunk cotton, 12 oz (400 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-22, NFPA 70E-2024 and CSA Z462-2024
- ANSI/ISEA 107-2020 Class 1 Type O
- ATPV 20 cal/cm^2 (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 15.7 cal/cm^2
- Sewn with inherently FR thread
- Tough double-stitched seams
- Liberal sizing
- Pullover style
- Front pouch pocket
- Non-detachable hood
- **SIZE RANGE:** XS-7XL

335

Flame-Resistant Zip-Style Heavyweight Cotton Safety Hoodies

| V2590450 | 484 | Orange |
| V2590460 | 485 | Hi-Vis Yellow |

FLAME-GARD®
ARC GARD® ARC 2 | ATPV 14

UL CERTIFIED

- 100% FR-treated preshrunk cotton, 12 oz (400 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 14 cal/cm^2 (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- 484 – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- 485 – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR, ANSI/ISEA 107-2020 Class 3 Type P and R
- Average Thermal Protective Performance (TPP) value: 25.6 cal/cm^2
- Premium StarTech® FR reflective tape
- Sewn with inherently FR thread
- Tough double-stitched seams
- FR brass non-locking zipper
- 2 front slash pockets
- Liberal sizing
- Detachable snap hood
- **SIZE RANGE:** S-5XL

484

485

Flame-Resistant Zip-Style Heavyweight Cotton Safety Hoodies

V2570270	337	Black
V2570470	337SF	Black
V2570450	338SF	Orange

FLAME-GARD®
ARC GARD® ARC 2 | ATPV 20

UL CERTIFIED

- 100% FR-treated preshrunk cotton, 12 oz (400 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 337SF/338SF – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- Meets ASTM F1506-22, NFPA 70E-2024 and CSA Z462-2024
- ANSI/ISEA 107-2020 Class 1 Type O
- ATPV 20 cal/cm^2 (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 15.7 cal/cm^2
- Sewn with inherently FR thread
- Tough double-stitched seams
- Liberal sizing
- 337SF/338SF – Premium StarTech® FR reflective tape
- Zip style
- 2 front slash pockets
- FR brass non-locking zipper
- Detachable snap hood
- **SIZE RANGE:** XS-7XL

337

337SF

338SF

SureWerx®

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Flame-Gard 100% Cotton 7 oz Safety Work Shirts

| V2520610 | 5780 | Red Plaid |
| V2520670 | 5781 | Black Plaid |

FLAME-GARD®
ARC⚡GARD® ARC 2 ATPV 10

UL CERTIFIED

- Flame-Gard 100% premium FR cotton plaid work shirts, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2018, certified to UL
- Meets ASTM F1506-2018, NFPA 70E-2018 and CSA Z462-2018
- ATPV 10 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 9 cal/cm²
- Sewn with aramid inherently FR thread
- Flame resistance guaranteed for the life of the garment
- 2 chest pockets with flaps
- Adjustable wrists with 2 buttons
- Pen slot on chest pocket
- Non-conductive FR buttons
- **SIZE RANGE:** S-4XL

5780

5781

FR-Tech® 88/12 7 oz Flame-Resistant Safety Shirts

V2540440	7742	Navy
V2541440	7742SF	Navy
V2540460	7743	Hi-Vis Orange

FR-TECH®
ARC⚡GARD® ARC 2 ATPV 10

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 7742SF – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- 7743 – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 10 cal/cm² (ARC Thermal Protective Value)
- ARC 2 Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm²
- Double-stitched premium StarTech® FR reflective tape
- Sewn with aramid inherently FR thread
- Flame resistance guaranteed for the life of the garment
- 7742SF – Button-down collar
- 2 chest pockets with flaps
- Adjustable wrists with 2 buttons
- Pen slot on chest pocket
- Non-conductive FR buttons
- **SIZE RANGE:**
  7742/7743: S-4XL
  7742SF: S-5XL

7742

7742SF

7743

PIONEER®
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FR-Tech® 88/12 7 oz Flame-Resistant Safety Pants

| V2540530 | 7761 | Navy |
| V2540550 | 7763 | Hi-Vis Orange |

FR-TECH®
ARC⚡GARD® ARC **2** ATPV **10**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 7763 – CSA Z96-22 Class 3 Level 2 and Class 3 Level FR when worn with Class 2 Level 2 and Class 2 Level FR top
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 10 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm²
- 7763 – Double-stitched premium StarTech® FR reflective tape
- Sewn with aramid inherently FR thread
- Flame resistance guaranteed for the life of the garment
- FR brass zipper
- 2 front and 2 back pockets
- **SIZE RANGE:** 30x30-40x30, 30x32-44x32, 32x34-42x34

7761

7763

FR-Tech® 88/12 7 oz Flame-Resistant Safety Cargo Pants

V2540540	7762	Navy
V2540640	7764	Navy
V2541050	7765	Hi-Vis Orange

FR-TECH®
ARC⚡GARD® ARC **2** ATPV **10**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- 7764/7765 – CSA Z96-22 Class 3 Level 2 and Class 3 Level FR when worn with Class 2 Level 2 and Class 2 Level FR top
- ATPV 10 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm²
- 7764/7765 – Double-stitched premium StarTech® FR reflective tape
- Sewn with aramid inherently FR thread
- Flame resistance guaranteed for the life of the garment
- FR brass zipper
- 2 front and 2 back pockets
- **SIZE RANGE:**
  7762: 30x30-40x30, 30x32-44x32, 32x34-42x34
  7764/7765: 30x32-44x32, 32x34-50x34

7762

7764

7765

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98% Cotton 2% Ant-Static Flame-Gard® Coveralls 6.5 oz

V2520050	5551	Hi-Vis Orange
V252005T	5551T	Hi-Vis Orange
V2520010	5552	Royal Blue
V252001T	5552T	Royal Blue

FLAME-GARD®
ARC⚡GARD® ARC **2** ATPV **9.1**

UL CERTIFIED

- 98% cotton, 2% anti-static fiber, FR-treated, 6.5 oz (220 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 5551/5551T – CSA Z96-22 Class 3 Level 2 and Class 3 Level FR
- 5552/5552T – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 9.1 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 8.1 cal/cm²
- Premium StarTech® FR reflective tape
- Sewn with inherently FR thread
- 2-way FR brass non-locking zipper
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- 2 pass-through pockets
- Adjustable wrists and ankles
- Action back
- Elastic on the back on either side of waistband
- Radiophone clip strap
- **SIZE RANGE:** 36-60
- **TALL SIZES:** 40-60

5551
5551T

5552
5552T

Hi-Vis FR/Arc-Rated 100% Cotton Safety Coveralls

V2520250	5555	Orange
V252025T	5555T	Orange
V2520210	5558A	Royal Blue
V252021T	5558AT	Royal Blue

FLAME-GARD®
ARC⚡GARD® ARC **2** ATPV **11**

UL CERTIFIED

- 100% cotton, FR-treated, 10 oz (340 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2018, certified to UL
- CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 11 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 11.8 cal/cm²
- Premium StarTech® FR reflective tape
- Sewn with inherently FR thread
- 2-way FR brass non-locking zipper
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- 2 pass-through pockets
- Adjustable wrists and ankles
- Action back
- Elastic on the back on either side of waistband
- Radiophone clip strap
- **SIZE RANGE:** 36-66
- **TALL SIZES:** 40-66

5555
5555T

5558A
5558AT

PIONEER
ESTABLISHED 1887

FR-Tech® 88/12 7 oz FR/ARC-Rated Hi-Vis Safety Coveralls
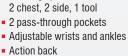
V2540350	7702	Hi-Vis Orange
V254035T	7702T	Hi-Vis Orange
V2540310	7704	Royal Blue
V254031T	7704T	Royal Blue
V2540470	7702BK	Black
V254047T	7702BKT	Black

FR-TECH®
ARC GARD® ARC **2** ATPV **10**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 7702/7702T – CSA Z96-22 Class 3 Level 2 and Class 3 Level FR
- 7702BK/7702BKT/7704/7704T – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 10 cal/cm^2 (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm^2
- Double-stitched premium StarTech® FR reflective tape
- Sewn with aramid inherently FR thread
- Flame resistance guaranteed for the life of the garment
- Radiophone clip strap
- 2-way FR brass zipper
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- 2 pass-through pockets
- Adjustable wrists and ankles
- Action back
- Elastic on the back on either side of waistband
- **SIZE RANGE:** 36-66
- **TALL SIZES:** 40-66

7704
7704T

7702
7702T

7702BK
7702BKT

FR-Tech® 88/12 7 oz Flame-Resistant Hi-Vis Coveralls with Leg Zippers

V2540650	7705	Hi-Vis Orange
V254065T	7705T	Hi-Vis Orange
V2540510	7706	Royal Blue
V254051T	7706T	Royal Blue

FR-TECH®
ARC GARD® ARC **2** ATPV **9.3**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 7705/7705T – CSA Z96-22 Class 3 Level 2 and Class 3 Level FR
- 7706/7706T – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- Meets ASTM F1506-22, NFPA 70E-2024 and CSA Z462-2024
- ATPV 9.3 cal/cm^2 (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 7.3 cal/cm^2
- Double-stitched premium StarTech® FR reflective tape
- Sewn with aramid inherently FR thread
- Flame resistance guaranteed for the life of the garment
- Radiophone clip strap
- 2-way FR brass zipper
- 18" covered leg zippers
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- 2 pass-through pockets
- Adjustable wrists and ankles
- Action back
- Elastic on the back on either side of waistband
- **SIZE RANGE:** 36-60
- **TALL SIZES:** 40-60

7705
7705T

7706
7706T

PIONEER
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"The Rock" FR-Tech® 88/12 FR/Arc 7 oz Coveralls – Industrial-Wash Tough

V2540950A	7708A	Hi-Vis Orange
V254095TA	7708AT	Hi-Vis Orange
V2540910A	7709A	Royal Blue
V254091TA	7709AT	Royal Blue

FR-TECH® ARC GARD® ARC 2 ATPV 10 — THE ROCK — UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 7708A/7708AT – CSA Z96-22 Class 3 Level 2 and Class 3 Level FR
- 7709A/7709AT – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 10 cal/cm² (ARC Thermal Protective Value)
- ARC 2 Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm²
- Special industrial-wash-suitable reflective tape and construction
- 2" Double-stitched premium StarTech® FR reflective tape
- Sewn with inherently FR thread
- Flame resistance guaranteed for the life of the garment
- Radiophone clip strap
- 2-way FR brass zipper
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- Adjustable wrists with snap adjustment
- Elastic on the back on either side of waistband
- **SIZE RANGE:** 36-66
- **TALL SIZES:** 40-66

7709A
7709AT

7708A
7708AT

FR-Tech® 88/12 7 oz Safety Coveralls – 2-Tone Industrial-Wash Tough

| V2541350 | 7702BB | Hi-Vis Orange/Navy |
| V254135T | 7702BBT | Hi-Vis Orange/Navy |

FR-TECH® ARC GARD® ARC 2 ATPV 10 — UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- CSA Z96-22 Class 3 Level 2 and Class 3 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 10 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm²
- Meets EN ISO 11611 European standards for industrial welding, Class 2 as implemented by Quebec's CNESST
- All main pockets are covered by flaps to prevent splatter dangers
- 2" Double-stitched premium StarTech® FR reflective tape
- Sewn with inherently FR thread
- Flame resistance guaranteed for the life of the garment
- Radiophone clip strap
- 2-tone design with navy bottom to minimize soiling and hi-visibility orange top
- Industrial wash compliant
- 2-way FR brass zipper
- 2 pen/marker/soapstone pocket slots on the left sleeve
- 9 storage pockets: 2 back, 2 chest, 2 side, 1 tool, 2 sleeve slots
- 2 pass-through pockets
- Adjustable wrists and ankles
- Action back
- Elastic on the back, on either side of waistband
- **SIZE RANGE:** 36-66
- **TALL SIZES:** 40-66

7702BB
7702BBT

PIONEER®
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FR-Tech® 88/12 7 oz FR Coveralls w/out Stripe

V2540410	7779	Royal Blue
V254041T	7779T	Royal Blue

FR-TECH®
ARC✦GARD® ARC **2** ATPV **10**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 10 cal/cm^2 (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm^2
- Sewn with inherently FR thread
- Flame resistance guaranteed for the life of the garment
- Radiophone clip strap
- 2-way FR brass zipper
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- 2 pass-through pockets
- Adjustable wrists and ankles
- Action back
- Elastic on the back on either side of waistband
- **SIZE RANGE:** 36-60
- **TALL SIZES:** 40-60

7779
7779T

Women's FR-Tech® 88/12 7 oz FR/ARC-Rated Safety Coveralls

V2541150	7702W	Hi-Vis Orange
V2541110	7704W	Royal Blue

FR-TECH®
ARC✦GARD® ARC **2** ATPV **9.3**

UL CERTIFIED

♀

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Contoured design is tailored especially for women
- 7702W – CSA Z96-22 Class 3 Level 2 and Class 3 Level FR
- 7704W – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- Meets ASTM F1506-22, NFPA 70E-2024 and CSA Z462-2024
- ATPV 9.3 cal/cm^2 (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 7.3 cal/cm^2
- Double-stitched premium StarTech® FR reflective tape
- Sewn with aramid inherently FR thread
- Flame resistance guaranteed for the life of the garment
- All pockets and key stress points bar-tacked for strength
- Radiophone clip strap
- 2-way FR brass zipper
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- 2 pass-through pockets
- Adjustable wrists and ankles
- Action back
- Elastic on the back on either side of waistband
- **SIZE RANGE:** XS-3XL

7702W

7704W

FR-Tech® Hi-Vis FR/Arc-Rated Quilted Safety Parkas

| V2560210 | 5523 | Royal Blue |
| V2560250 | 5533 | Hi-Vis Orange |

FR-TECH®
ARC/GARD® ARC **4** ATPV **58**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 10 oz (340 GSM)
- 6.5 oz (220 GSM) modacrylic polyester FR insulation
- Lining: 100% FR cotton
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 5523 – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- 5533 – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 58 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 14.9 cal/cm²
- Sewn with inherently FR thread
- All metal components are concealed to ensure no arc flash conductivity
- Premium StarTech® FR reflective tape
- Tough double-stitched seams
- Radiophone clip strap
- FR brass non-locking zipper
- Fleece hand warmers
- Underarm gussets for extra mobility
- 6 storage pockets: 2 back, 2 chest, 2 side
- Action back, elastic waist and aramid storm cuffs
- **SIZE RANGE:** S-5XL

5523

5533

-37°C to -1°C
ASTM F2732

FR-Tech® Hi-Vis FR/Arc-Rated Quilted Safety Overalls

| V2560311 | 5524A | Royal Blue |
| V2560351 | 5534A | Hi-Vis Orange |

FR-TECH®
ARC/GARD® ARC **4** ATPV **40**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 10 oz (340 GSM)
- 5.3 oz (180 GSM) modacrylic polyester FR insulation
- Lining: 100% FR cotton
- 5524A – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- 5534A – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2018, certified to UL
- Sewn with inherently FR thread
- All metal components are concealed to ensure no arc flash conductivity
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 40 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 13.7 cal/cm²
- Premium StarTech® FR reflective tape
- Tough double-stitched seams
- Radiophone clip strap
- 2-way FR brass non-locking zipper with storm placket
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- Adjustable elastic suspenders and elastic waist
- 3/4 zipper plus snaps on each side
- Hammer loop
- **SIZE RANGE:**
  5524A: S-5XL
  5534A: S-4XL

5524A

5534A

-37°C to -1°C
ASTM F2732

Hoods for Flame-Resistant Quilted Cotton Safety Parka or Coveralls

| V2561140 | 523A | Royal Blue |
| V2561150 | 524 | Hi-Vis Orange |

FR-TECH®
ARC/GARD® ARC **4** ATPV **40**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 10 oz (340 GSM)
- Insulation: Modacrylic viscose blend
- Lining: 100% FR cotton
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Sewn with inherently FR thread
- All metal components are concealed to ensure no arc flash conductivity
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024

- ATPV 40 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 13.7 cal/cm²
- Tough double-stitched seams
- FR drawstring with toggle
- Large hook and loop closure
- Concealed metal snap
- Snaps onto parka or coverall
- **SIZE:** O/S

523A

524

-37°C to -1°C
ASTM F2732

PIONEER® ESTABLISHED 1887

Women's FR-Tech® Hi-Vis FR/Arc-Rated Quilted Safety Parkas

V2561210	5523W	Royal Blue
V2561250	5533W	Hi-Vis Orange

FR-TECH® ARC/GARD® | ARC 4 | ATPV 58

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 9 oz (340 GSM)
- 6.5 oz (220 GSM) modacrylic polyester FR insulation
- Lining: 100% FR cotton
- Exclusively designed to fit women
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- 5523W – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- 5533W – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- ATPV 58 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 14.9 cal/cm²
- Sewn with inherently FR thread
- All metal components are concealed to ensure no arc flash conductivity
- Premium StarTech® FR reflective tape
- Tough double-stitched seams
- Radiophone clip strap
- FR brass non-locking zipper
- Fleece hand warmers
- Underarm gussets for extra mobility
- 5 storage pockets: 2 chest, 2 lower, 1 insidee
- Action back, elastic waist and aramid storm cuffs
- **SIZE RANGE:** S-3XL

5523W

5533W

-37°C to -1°C
ASTM F2732

Women's FR-Tech® Hi-Vis FR/Arc-Rated Quilted Safety Overalls

V2561311	5524AW	Royal Blue
V2561351	5534AW	Hi-Vis Orange

FR-TECH® ARC/GARD® | ARC 4 | ATPV 40

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 9 oz (340 GSM)
- 5.3 oz (180 GSM) modacrylic polyester FR insulation
- Lining: 100% FR cotton
- Exclusively designed to fit women
- 5524AW – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- 5534AW – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Sewn with inherently FR thread
- All metal components are concealed to ensure no arc flash conductivity
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 40 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 13.7 cal/cm²
- Premium StarTech® FR reflective tape
- Tough double-stitched seams
- Radiophone clip strap
- 1-way FR brass non-locking zipper with storm placket
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- Adjustable elastic suspenders and elastic waist
- 3/4 zipper plus snaps on each side
- Hammer loop
- **SIZE RANGE:** S-3XL

5524AW

5534AW

-37°C to -1°C
ASTM F2732

Hoods for Women's FR-Tech® Hi-Vis FR/Arc-Rated Quilted Safety Parka

V2562140	523AW	Royal Blue
V2562150	524W	Hi-Vis Orange

FR-TECH® ARC/GARD® | ARC 4 | ATPV 40

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 9 oz (340 GSM)
- 5.3 oz (180 GSM) modacrylic polyester FR insulation
- Lining: 100% FR cotton
- Exclusively designed to fit women
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Sewn with inherently FR thread
- All metal components are concealed to ensure no arc flash conductivity
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024

- ATPV 40 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 13.7 cal/cm²
- Tough double-stitched seams
- FR drawstring with toggle
- Large hook and loop closure
- Concealed metal snap
- Snaps onto parka
- **SIZE:** O/S

523AW

524W

-37°C to -1°C
ASTM F2732

PIONEER
ESTABLISHED 1887

FR-Tech® Hi-Vis FR/Arc-Rated Quilted Safety Coveralls

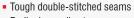| V2560111 | 5522A | Royal Blue |
| V2560151 | 5532A | Hi-Vis Orange |

FR-TECH®
ARC/GARD® ARC **4** ATPV **58**

UL CERTIFIED

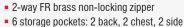- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 10 oz (340 GSM)
- 6.5 oz (220 GSM) modacrylic polyester FR insulation
- Lining: 100% FR cotton
- 5522A – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- 5532A – CSA Z96-22 Class 3 Level 2 and Class 2 Level FR
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- Sewn with inherently FR thread
- All metal components are concealed to ensure no arc flash conductivity
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 58 cal/cm^2 (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 14.9 cal/cm^2
- Premium StarTech® FR reflective tape
- Tough double-stitched seams
- Radiophone clip strap
- 2-way FR brass non-locking zipper
- 6 storage pockets: 2 back, 2 chest, 2 side
- Action back, elastic waist and aramid storm cuffs
- Adjustable ankles
- 3/4 zipper plus snaps on each side
- **SIZE RANGE:**
  5522A: S-4XL
  5532A: XS-4XL

5522A

5532A

FR-Tech® 88/12 7 oz Flame-Resistant Hi-Vis Overalls

| V2540480 | 7712 | Hi-Vis Orange |
| V2540450 | 7714 | Royal Blue |

FR-TECH®
ARC/GARD® ARC **2** ATPV **10**

UL CERTIFIED

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2023, certified to UL
- 7712 – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR
- 7714 – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 10 cal/cm^2 (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm^2
- Double-stitched premium StarTech® FR reflective tape
- Sewn with aramid inherently FR thread
- Flame resistance guaranteed for the life of the garment
- Radiophone clip strap
- 2-way FR brass zipper
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- 2 pass-through pockets
- Adjustable elastic suspenders
- Elastic waistband on back
- **SIZE RANGE:** S-5XL

7712

7714

PIONEER®
ESTABLISHED 1887

Flash-Gard® Welding Coveralls

V2540490	4480	Navy
V2540491	4481	Navy
V2540490T	4480T	Navy
V2540491T	4481T	Navy

FLAME-GARD®
ARC/GARD®
FLASH/GARD®

ARC **2**
ATPV **11**

UL CERTIFIED

- 99% FR cotton, 1% carbon fiber satin fabric, 10.3 oz
- Material and all components meet CGSB 155.20, 2017 and NFPA 2112-2023, certified to UL
- Average Thermal Protective Performance (TPP) value: 11.1 cal/cm²
- CE certified to EN ISO 11611 Class 1 A1+A2
- Meets ASTM F1506-20A, NFPA 70E-2024 and CSA Z462-2024
- ATPV 11 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Arc Rating Category
- Sewn with inherently FR thread
- Flame resistance guaranteed for the life of the garment
- Industrial washable up to 25 washes (at temp. 60 °C)
- 4481/4481T – Premium StarTech® FR reflective tap
- Stand-up collar with hook and loop closure
- Two-way FR zipper front with concealed placket & snap closure on top
- Radiophone clip strap
- 7 storage pockets: 2 back, 2 chest, 2 side, 1 tool
- Scribe pocket on sleeve
- 2 pass-through pockets
- Adjustable wrists and ankles
- Action back and elastic waist
- Leg zippers with hook and loop leg adjustment
- Sleeve opening with gusset and snap adjustment
- **SIZE RANGE:** 36-60
- **TALL SIZES:** 40-60

4480
4480T

4481
4481T

Hi-Vis PVC/Polyester/PVC FR Rain Jacket or Bib Pants

| V3510860 | 576J | Hi-Vis Orange |
| V3510960 | 576P | Hi-Vis Orange |

FLAME-GARD®

WATERPROOF

- Hi-Vis FR PVC/Poly/PVC 0.35 mm durable 100% waterproof material
- Meets CGSB 155.20.2000 Type 3 for flame resistance
- Premium StarTech® 2" reflective tape

JACKET:
- CSA Z96-22 Class 2 Level 2
- ANSI 107-2020 Class 3 Type P & R
- Detachable hood with drawcord
- Double placket and snaps centre front
- Snap-on cuffs
- Corduroy collar
- **SIZE RANGE:** S-4XL

BIB PANTS:
- CSA Z96-22 Class 3 Level 2 when worn with Class 2 top featuring reflective arm bands
- ANSI 107-2020 Class E Supplemental Type
- Radio-welded seams
- Snap closure fly access
- Elastic suspender with adjusters
- Snap adjustment on the back of waist and hem
- **SIZE RANGE:** S-4XL

576J

576P

PIONEER
ESTABLISHED 1887

FR PVC Heavy-Duty 3-Piece Rain Suit

V3510160 | 571 | Yellow

FLAME-GARD®

WATERPROOF

- Heavy-duty .45 mm FR-treated PVC/polyester/PVC
- Meets CGSB 155.20-2000 Type 3
- 100% waterproof
- 3 pieces: jacket with snaps and detachable snap hood, double bib reversible pant with elastic suspenders
- **SIZE RANGE:** S-5XL

571

Flame-Resistant PVC Long Rain Coat

V3510560 | 580 | Yellow

FLAME-GARD®

WATERPROOF

- 48" length
- .35 mm FR-treated PVC/poly/PVC
- Meets CGSB 155.20-2000 Type 3
- 100% waterproof
- Zip and snap front placket
- Detachable snap hood
- **SIZE RANGE:** S-5XL

580

Flame-Resistant PVC Rain Suit

V3510360 | 578 | Yellow

FLAME-GARD®

WATERPROOF

- .35 mm FR-treated PVC/poly/PVC
- Meets CGSB 155.20-2000 Type 3
- 100% waterproof
- 2 patch pockets
- 3 pieces: jacket with zip, snap front placket and detachable snap hood; bib pant with self-fabric suspenders
- **SIZE RANGE:** XS-6XL

578

Flame-Resistant PVC Rain Jacket or Bib Pants

V3510660 | 578J | Yellow
V3510760 | 578P | Yellow

FLAME-GARD®

WATERPROOF

- .35 mm FR-treated PVC/poly/PVC
- Meets CGSB 155.20-2000 Type 3
- 100% waterproof
- 578J – Jacket with zip and snap front placket, detachable snap hood and 2 patch pockets
- 578P – Bib pant with self-fabric suspenders
- **SIZE RANGE:** S-6XL

578P

578J

PIONEER®
ESTABLISHED 1887

Hi-Vis FR ARC PU/Cotton Rain Jackets

V3520650	**5880**	Hi-Vis Orange
V3520660	**5881**	Hi-Vis Yellow

FLAME-GARD®
ARC GARD® ARC **2** ATPV **10**
FLASH GARD®

WATERPROOF & WINDPROOF

- FR and Arc flash PU on FR and Arc flash cotton
- Meets CGSB 155.20-2017 Rainwear Standard
- Meets ASTM F1891-19 for Arc Flash tested as per ASTM F1959/1959M-14
- CSA Z96-22 Class 2 Level 2 and Class 2 Level FR (becomes Class 3 when worn with FR hi-vis pant featuring reflective leg bands) and ANSI/ISEA 107-2020 Class 3 Type P and R
- Average Thermal Protective Performance (TPP) value: 8.9 cal/cm^2
- APTV 10 cal/cm^2 and EBT 24 cal/cm^2
- Oil- and chemical-resistant
- 100% waterproof and windproof
- Heavy-duty and tough 4-way stretch PU
- Premium StarTech® FR reflective tape
- Radio frequency heat-welded seams
- Extra-large detachable 3-piece hood with reflective stripe and visor flap
- Drawcord for adjusting shape of hood
- Full front FR zipper with hook and loop closure storm placket
- Two lower pockets on front with flap and snap closure
- Sleeve with inner elastic cuff
- One inside cellphone pocket
- Double vent holes under arm
- **SIZE RANGE:**
  5880: XS-5XL
  5881: XS-4XL

5880

5881

Hi-Vis FR Arc PU/Cotton Rain Bib Pants

V3520750	**5882**	Hi-Vis Orange
V3520760	**5883**	Hi-Vis Yellow

FLAME-GARD®
ARC GARD® ARC **2** ATPV **10**
FLASH GARD®

WATERPROOF & WINDPROOF

- FR and Arc flash PU on FR and Arc flash cotton
- Meets CGSB 155.20-2017 Rainwear Standard
- Meets ASTM F1891-19 for Arc Flash tested as per ASTM F1959/1959M-14
- CSA Z96-22 Class 3 Level 2 when worn with CSA Class 2 Level 2 top featuring reflective arm bands and ANSI/ISEA 107-2020 Class E Supplemental Type
- Average Thermal Protective Performance (TPP) value: 8.9 cal/cm^2
- APTV 10 cal/cm^2 and EBT 24 cal/cm^2
- Oil- and chemical-resistant
- 100% waterproof and windproof
- Heavy-duty and tough 4-way stretch PU
- Premium StarTech® FR reflective tape
- Radio frequency heat-welded seams
- Snap adjustment to snug to boot
- One side adjustment on waist for superior fit
- Storage pocket behind bib
- Superior FR suspender elastic with adjustment buckle and spreader bar
- **SIZE RANGE:**
  5882: XS-5XL
  5883: XS-4XL

5883

5882

EN 343   EN 1149   EN ISO 14116   EN ISO 20471

EN 343   EN 1149   EN ISO 14116   EN ISO 20471

Hi-Vis FR Flash-Gard® Insulated PU Rainwear

V3521650	5884	Hi-Vis Orange
V3521750	5885	Hi-Vis Orange

FLAME-GARD®
ARC⚡GARD® ARC **4** ATPV **51**
FLASH⚡GARD®

WATERPROOF & WINDPROOF

- FR and ARC Flash PU on FR and ARC Flash Cotton
- Insulation 240 GSM 75% Modacrylic, 25% Polyester
- 6.5 oz. FR cotton lining
- Meets CGSB 155.20-2017 Rainwear Standard
- Meets ASTM F2733-17 Standard Specification for Flame Resistant Rainwear for Protection Against Flame Hazards
- Meets ASTM F1891-19 for Arc Flash tested as per ASTM F1959/1959M-14
- Average Thermal Protective Performance (TPP) value: 23.1 cal/cm^2
- APTV 51 cal/cm^2 and EBT 57 cal/cm^2, HAF = 94 %
- ARC 4 Category
- Oil and chemical resistant
- 100% waterproof and windproof
- Heavy-duty and tough 4-way stretch PU
- Premium StarTech® FR reflective tape
- Radio-frequency heat-welded seams

5884

Premium StarTech® FR reflective tape

One inside cellphone pocket

5885

Superior FR suspender elastic with adjustment buckle and spreader bar

Hook and loop adjustment tab to fit snugly around boot

JACKET & HOOD:
- CSA Z96-22 Class 2 Level 2 and Class 2 Level FR (becomes Class 3 when worn with FR hi-vis pants featuring reflective leg bands)
- ANSI/ISEA 107-2020 Class 3 Type P and R
- Extra-large detachable 3-piece hood with reflective stripe and visor flap
- Drawcord for adjusting the shape of the hood
- Full front FR zipper with hook and loop closure storm placket
- Two lower pockets on front with flap and snap closure and one inside storage pocket
- Sleeve with inner elastic cuff
- One inside cellphone pocket
- Double vent holes underarm
- Adjustable bottom hem drawstring for a snug fit
- **SIZE RANGE:** S-5XL

BIB PANTS:
- CSA Z96-22 Class 3 Level 2 when worn with CSA Class 2 Level 2 top featuring reflective arm bands
- ANSI/ISEA 107-2020 Class E Supplemental Type
- Hook and loop adjustment tab to fit snugly around boot
- One side adjustment on the waist for superior fit
- Storage pocket behind the bib
- Superior FR suspender elastic with adjustment buckle and spreader bar
- **SIZE RANGE:** S-5XL

FR   EN 343   EN 1149   EN ISO 14116   EN ISO 20471

PIONEER® ESTABLISHED 1887

Defender® FR/Arc/Anti-Static 300D Oxford Tri-Laminate Hi-Vis Safety Rain Jackets or Overalls

DEFENDER® FR

WATERPROOF

V2590150	4484	Hi-Vis Orange
V2590160	4485	Hi-Vis Yellow
V2590250	4486	Hi-Vis Orange
V2590260	4487	Hi-Vis Yellow

FLAME-GARD®
ARC GARD® ARC **2** ATPV **11**

- FlameGard® FR/Arc tri-laminate material: top layer woven, middle layer membrane, bottom layer knit
- Top layer: 300D oxford non-conducting lattice anti-static (98% polyester + 2% anti-static)
- Middle layer: flame-retardant PU moisture-permeable white glue
- Bottom layer: flame-retardant 60% modacrylic, 40% cotton
- Provides 4 levels of safety: 1) 100% waterproof, 2) FR, 3) ARC, and 4) anti-static protection
- Meets FR ASTM F1891-19 standard specifications for Arc and Flame-Resistant Rainwear
- ARC 2 rating: ATPV 11 cal/cm², EBTAS 19 cal/cm², HAF 73%
- NFPA 70E-18 and CSA Z462-18
- Meets CGSB 155.20-2017 Workwear for Protection Against Hydrocarbon Flash Fire – FR Rainwear Standard
- Average Thermal Protective Performance (TPP) value: 12.3 cal/cm²
- Heavy-duty tear- and abrasion-resistant construction
- All critical seams double stitched and heat-sealed with TPU seam tape
- Full 100% FR cotton inner lining
- Navy bottom to reduce appearance of soiling
- Premium StarTech® FR reflective tape

4485

4484

4487

4486

JACKET:

- CSA Z96-22 Class 2 Level 2 (becomes Class 3 when worn with hi-vis pant featuring reflective leg bands)
- ANSI/ISEA 107-2020 Class 3 Type P and R
- 2 lower pockets with flap closure
- 2 pen slots right side, 1 concealed chest
- FR zipper cell pocket on left side
- Stand-up protective collar with chin guard
- Radiophone clip strap
- Adjustable drawcord waist
- Adjustable storm cuffs
- 3-pc multi-adjustable hood
- **SIZE RANGE:** S-5XL

OVERALLS:

- CSA Z96-22 (when worn with hi-vis Class 2 Level 2 jacket)
- ANSI/ISEA 107-2020 Class E Supplemental type
- Heavy-duty adjustable elastic suspenders
- 2 chest pockets – with flap closer on right side
- Radiophone clip strap
- Full front 2-way FR brass zipper with storm flap
- 2 lower slash pockets, 2 back pockets, 1 tool pocket, 1 hammer loop
- 18" FR boot-access zippers
- **SIZE RANGE:** S-5XL

ANTI-STATIC | **EN ISO 11611:2015 A1 A2** | **EN ISO 11612:2015 A1 A2 B1 C1 F1** | **EN1149-5:2008**

PIONEER
ESTABLISHED 1887

Flame-Resistant PU Stretch Hi-Vis Waterproof Jackets

V3520150	5892	Hi-Vis Orange
V3520160	5894	Hi-Vis Yellow/Green
V3520170	5894BK	Black

FLAME-GARD®

WATERPROOF & WINDPROOF

- FR-treated 100% polyurethane/poly
- Meets CGSB 155.20-2000 Type 3
- 5892/5894 – CSA Z96-22 Class 2 Level 2 and Class 2 Level FR (becomes Class 3 when worn with FR hi-vis pant featuring reflective leg bands) and ANSI/ISEA 107-2020 Class 3 Type P and R
- 5894BK – CSA Z96-22 Class 1 Level 2 and Class 1 Level FR and ANSI/ISEA 107-2020 Class 1 Type O
- Tested to ASTM D6413 for flame resistance
- Oil- and chemical-resistant
- 100% waterproof and windproof
- Lightweight and tough 4-way stretch PU
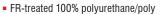- Premium StarTech® FR reflective tape
- Heat-welded seams
- Extra-large detachable hood
- Full front zipper with snap storm placket
- **SIZE RANGE:**
  5892: XS-7XL
  5894: XS-4XL
  5894BK: XS-5XL

5892

5894BK

5894

Flame-Resistant PU Stretch Hi-Vis Waterproof Bib Pants

V3520250	5893	Hi-Vis Orange
V3520260	5895	Hi-Vis Yellow/Green
V3520270	5895BK	Black

FLAME-GARD®

WATERPROOF & WINDPROOF

- FR-treated 100% polyurethane/poly
- Meets CGSB 155.20-2000 Type 3
- CSA Z96-22 Class 3 Level 2 and Class 3 Level FR when worn with CSA Class 2 Level 2 and Class 2 Level FR top featuring reflective arm bands and ANSI/ISEA 107-2020 Class E Supplemental Type
- Tested to ASTM D6413 for flame resistance
- Oil- and chemical-resistant
- 100% waterproof and windproof
- Lightweight and tough 4-way stretch PU
- Premium StarTech® FR reflective tape
- Heat-welded seams
- Heavy-duty suspenders with quick-release clips
- Adjustable waist with snaps
- **SIZE RANGE:**
  5893: XS-7XL
  5895: XS-4XL
  5895BK: XS-5XL

5893

5895

5895BK

SureWerx®

FR/PU Waterproof Hi-Vis Safety Jacket with Pockets

| V3520550 | 5892PKT | Hi-Vis Orange |

FLAME-GARD®

WATERPROOF & WINDPROOF

- FR-treated 100% polyurethane/poly
- Meets CGSB 155.20-2000 Type 3
- CSA Z96-22 Class 2 Level 2 and Class 2 Level FR (becomes Class 3 when worn with FR hi-vis pant featuring reflective leg bands)
- ANSI/ISEA 107-2020 Class 3 Type P and R
- Tested to ASTM D6413 for flame resistance
- Oil- and chemical-resistant
- 100% waterproof and windproof
- 2 front patch pockets and flap closure with snaps
- Lightweight and tough 4-way stretch PU
- Premium StarTech® FR reflective tape
- Heat-welded seams
- Extra-large detachable hood with visor flap
- Full front zipper with snap storm placket
- **SIZE RANGE:** XS-7XL

5892PKT

Flame-Resistant PU Stretch Hi-Vis Long Waterproof Coats
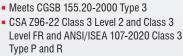
| V3520350 | 5896 | Hi-Vis Orange |
| V3520360 | 5897 | Hi-Vis Yellow/Green |

FLAME-GARD®

WATERPROOF & WINDPROOF

- FR-treated 100% polyurethane/poly
- Meets CGSB 155.20-2000 Type 3
- CSA Z96-22 Class 3 Level 2 and Class 3 Level FR and ANSI/ISEA 107-2020 Class 3 Type P and R
- Tested to ASTM D6413 for flame resistance
- Oil- and chemical-resistant
- 100% waterproof and windproof
- Lightweight and tough 4-way stretch PU
- Premium StarTech® FR reflective tape
- Heat-welded seams
- Extra-large detachable hood
- Full front zipper with snap storm placket
- **SIZE RANGE**
  5896: S-5XL
  5897: XS-5XL

5897

5896

Utili-Gard® FR Jacket, Bib Pants or Hood

V2440620	H162 502	International Orange
V2448450	P162 041	International Orange
V2449320	J162 310DH	International Orange

FLAME-GARD®

ARC GARD® 2 ATPV 12.9

J162 310DH

H162 502

P162 041

- 8 oz/yd² PVC on Dupont™ Nomex®/Kevlar®
- Meets CGSB 155.20, 2000 Type 3
- Meets ASTM F1891-06 Standard Specification for Arc and Flame-Resistant Rainwear, NFPA 70E-12 and CSA Z462-12
- ARC 2 rating: ATPV 12.9 cal/cm², EBTAS 41.2 cal/cm², HAF 80%
- Premium StarTech® FR reflective tape

JACKET:
- CSA Z96-09 Class 2 Level 2 high-visibility safety apparel standards (becomes CSA Class 3 when worn with Utili-Gard® pants)
- Dolman sleeve design for ease of movement
- FR brass zipper
- Outer storm flap with top to bottom FR hook and loop closure
- Inner storm flap for reduced heat transmission
- Form-fitting collar has pouch for detachable hood with FR hook and loop closure
- Tab-style FR hook and loop cuff adjustments
- Vented back
- FR elastic drawstring on inner bottom hem to prevent arc exposure
- Hood sold separately
- **SIZE RANGE:** S-3XL

BIB PANTS:
- CSA Z96-09 Class 3 Level 2 high-visibility safety apparel standards when worn with CSA Class 2 Level 2 top featuring reflective arm bands
- Single bib design with inner bib pocket
- Adjustable ARC-resistant fabric suspenders and spreader bar with elastic back and Kwik-Lok connectors
- Adjustable spreader bar at back
- Roomy legs to easily put on boot
- Durable reinforced waist ties for snug fit
- **SIZE RANGE:** S-3XL

HOOD:
- Fits easily over a hard hat
- Non-conductive, non-corrosive snaps
- Drawstring for custom fit
- 3-piece hood design
- **SIZE:** O/S

Hi-Vis FR/ARC Super-HD Safety Rain Suit

V3520950	5990J	Hi-Vis Orange
V3521950	5990H	Hi-Vis Orange
V3520850	5990P	Hi-Vis Orange

FLAME-GARD®
ARC GARD® ARC 2 ATPV 11
WATERPROOF

5990J

5990H

5990P

- 14 oz/yd² low-smoke Neoprene on FR 100% polyester scrim
- Provides superior protection for the most heavy-duty job applications such as mining, marine, forestry, and FR / ARC hazards
- Neoprene provides great resistance to acids, oils, and solvents
- 100% waterproof, abrasion-, puncture-, and tear-resistant
- All seams vulcanized for superior strength
- Meets FR ASTM F1891-19 Standard Specifications for Arc and Flame-Resistant Rainwear
- Meets CGSB 155.20-2017 Workwear for Protection Against Hydrocarbon Flash Fire – FR Rainwear Standard
- EBTAS 50 cal/cm², HAF 83% NFPA 70E-21 and CSA Z462-21
- ATPV 11 cal/cm²
- ARC 2 Rating Category
- Average Thermal Protective Performance (TPP) value: 15.9 cal/cm²
- Heat-applied premium StarTech® FR reflective tape

JACKET:
- CSA Z96-22 Class 2 Level 2 and Class 3 Level 2 when worn with hi-vis bib pants 5990P
- Inner and outer storm flaps with concealed metal snap closure
- Stand-up collar for superior FR/ARC protection with concealed snap closure
- One hidden pocket on the inside of the jacket
- Snap adjustment around cuff opening
- Concealed vent across the back for comfort from heat stress
- Dolman sleeve design
- **SIZE RANGE:** S-4XL

BIB PANTS:
- CSA Z96-22 Class 3 Level 2 when worn with Class 2 Level 2 Jacket 5990J
- Double-bib design with reflective tape on front and back
- Adjustable ARC-resistant fabric suspenders and a spreader bar with elastic back and metal buckle connectors
- Adjustable spreader bar at the back
- Concealed pocket on the backside of the front bib
- **SIZE RANGE:** S-4XL

HOOD:
- Hard hat-sized hood attached with metal snaps on jacket collar (sold separately)
- **SIZE:** O/S

Petro-Gard® FR/ARC-Rated Hi-Vis Safety Jacket, Bib Pants or Hood

V2246120A	H160 501A	Hi-Vis Orange
V2246450A	J160 400A	Hi-Vis Orange
V2246750A	P160 041A	Hi-Vis Orange

FLAME-GARD®
ARC GARD® ARC 3 ATPV 28
WATERPROOF

J160 400A

H160 501A

P160 041A

- 14 oz/yd² low-smoke Neoprene on Dupont™ Nomex®
- Provides superior heavy-duty 100% waterproof-, abrasion-, puncture-, tear-, ARC- and flame-resistant protection
- Meets FR ASTM F1891-19 Standard Specifications for Arc- and Flame-Resistant Rainwear
- ARC 3 rating
- ATPV 28 cal/cm², EBTAS 45 cal/cm², HAF 90%
- NFPA 70E-18 and CSA Z462-18
- Meets CGSB 155.20-2017 Workwear for Protection Against Hydrocarbon Flash Fire – FR Rainwear Standard
- Average Thermal Protective Performance (TPP) value: 21.4 cal/cm²
- Meets ASTM F2733-17 Standard Specification for Flame-Resistant Rainwear for Protection Against Flame Hazards
- Heat-applied premium StarTech® FR reflective tape
- All seams vulcanized for superior strength

JACKET:
- CSA Z96-22 Class 2 Level 2 (becomes Class 3 Level 2 when worn with hi-vis pant featuring reflective legs bands)
- Inner and outer storm flaps/zipper closure
- Hard hat-sized hood rolls up in collar (sold separately)
- Angled collar under the chin with FR hook and loop closure
- Two front pockets with flaps and FR hook and loop closure
- Tab-style hook and loop cuff adjustments
- Dolman sleeve design
- Inner elastic cuffs
- **SIZE RANGE:** S-4XL

BIB PANTS:
- CSA Z96-22 Class 3 Level 2 when worn with Class 2 Level 2 jacket
- Single-bib design
- Adjustable FR hook and loop closure leg cuff
- Adjustable ARC-resistant fabric suspenders and spreader bar with elastic back and Kwik-Lok connectors
- Adjustable spreader bar at back
- Durable reinforced waist ties for snug fit
- **SIZE RANGE:** S-4XL

HOOD:
- Drawstring and toggle, hook and loop connection to jacket
- **SIZE:** O/S

PIONEER ESTABLISHED 1887

CA-43® FR and Chemical Protective Jackets

| V2240640 | J43 380 | Green |
| V2241940 | J43 320 | Green |

FLAME-GARD®

- 10 oz/yd² FR PVC/polyester
- Meets CGSB 155.20-2000, Type 3
- Recommended for "Momentary Protection from Open Flame"
- Resistant to chemicals as per ASTM F739-07
- RF-welded watertight seams
- Generous styling fits over work clothes
- J43 320 – Premium StarTech® FR reflective tape, dolman sleeves for ease of movement and added comfort, snap front closure, durable non-conductive plastic snaps
- J43 380 – Raglan sleeves for ease of movement and added comfort, brass zipper closure with concealed outer non-conductive snaps, inner cone cuff designed to grip glove and create a seal around wrist, double storm flap, two-snap cuff adjustment
- Non-conductive collar snaps to attach hood (H43 501, sold separately)
- **SIZE RANGE:** S-4XL

J43 380

J43 320

Hood for CA-43® Flame-Resistant and Chemical-Protective Jacket

| V2240540 | H43 501 | Green |

FLAME-GARD®

- 10 oz/yd² FR PVC/polyester
- Fits easily over hard hat, drawstring for best fit
- Non-conductive snap attachments
- 3-piece hood design
- **SIZE:** One Size

H43 501

CA-43® FR and Chemical Protective Bib Pants

| V2241020 | P43 035 | Green |
| V2241340 | P43 085 | Green |

FLAME-GARD®

- 10 oz/yd² FR PVC/polyester
- Meets CGSB 155.20-2000, Type 3
- Recommended for "Momentary Protection from Open Flame"
- Resistant to chemicals as per ASTM F739-07
- P43 035 – Premium StarTech® FR reflective tape
- Single bib design
- Adjustable 1-1/4" elastic suspenders with spreader bar and nylon slides provide support and comfort
- Durable reinforced waist ties for snug fit
- RF-welded watertight seams
- Generous styling fits over work clothes
- P43 085 – Inner elastic cuffs at bottom, double knee
- **SIZE RANGE:** S-4XL

P43 035

P43 085

CA-43® FR and Chemical Protective Apron

| V2240140 | A43 48 | Green |

FLAME-GARD®

- 10 oz/yd² FR PVC/polyester
- 29" x 48" bib-style apron
- Chemical and acid resistant
- Durable waist and neck ties
- Reinforced grommets at tie points
- **DIMENSIONS:** 29" x 48"

A43 48

Element FR® PVC 3-Piece Suit

| V2243950 | R85 | Hi-Vis Orange |
| V2243220 | HR80/85 | Hi-Vis Orange |

FLAME-GARD®

HR80/85

R85

- 13 oz/yd² PVC on polyester
- Material and all components meet CGSB 155.20, 2000 Type 3
- CSA Z96 striping package featuring retroreflective striping
- Oil resistant
- Extremely durable and comfortable
- Remains flexible in cold conditions
- Permanently welded seams
- Good tear and snag resistance
- Generous styling fits over work clothes

HOOD:
- Fits easily over hard hat
- Attaches to jacket with plastic snaps
- Detachable to prevent entanglement while working
- Drawstring with cord locks for best fit
- **SIZE RANGE:** S/XL-2/4XL

JACKET:
- CSA Z96-22 Class 2 Level 2 (becomes Class 3 when worn with Element FR bib pants)
- Dolman sleeve design
- Stand-up collar with durable snaps to attach hood
- Concealed nylon snap front closure
- Inner storm flap
- Two snap adjustments at cuffs
- Unique widewweld cuff design for added durability
- **SIZE RANGE:** S-4XL

BIB PANTS:
- Single bib design
- Double-layer top for durability
- Elastic waist back
- Adjustable elastic suspenders with spreader bar and nylon slides provide support and comfort
- Two snap adjustments at cuffs for best fit
- Unique widewweld cuff design for added durability
- Roomy legs to easily put on boots
- **SIZE RANGE:** S-4XL

Dry Gear® FR Sleeves

| V3240860 | SL11 180 | Fluorescent Yellow |
| V3240870 | SL11 200 | Fluorescent Yellow |

FLAME-GARD®

- FR PU-coated on FR polyester stretch knit
- Fabric Meets CGSB 155.20-2000, Type 3
- Excellent cold flex, oil and abrasion resistance
- Fabric meets CSA Z96-09 hi-vis background requirements
- SL11 180 – Crimped elastic at top, flat elastic at wrist
- SL11 200 – Comfortable Neoprene cuff keeps water out, adjustable elastic hook and loop closure at top
- **LENGTH:**
  SL11 180: 18"
  SL11 200: 20"

SL11 180

SL11 200

Dry Gear® FR Apron

| V3240960 | A11 48 | Fluorescent Yellow |

FLAME-GARD®

- FR PU-coated on FR polyester stretch knit
- Fabric Meets CGSB 155.20-2000, Type 3
- Fabric meets CSA Z96-09 hi-vis background requirements
- Excellent cold flex, oil and abrasion resistance
- Seamless cut with grommets for straps
- **DIMENSIONS:** 29" x 48"

A11 48

FR-Tech® 88/12 7 oz Ankle Bands – Pair

| V2541810 | 7766 | Royal Blue |

FR-TECH®
ARC⚡GARD® ARC 2 ATPV 9.7

- FR-Tech® 88% premium cotton blended with 12% high-tenacity nylon, 7 oz (240 GSM)
- Material and all components meet CGSB 155.20-2017 and NFPA 2112-2018
- ATPV 9.7 cal/cm² (Arc Thermal Protective Value)
- ARC 2 Rating Category
- Average Thermal Protective Performance (TPP) value: 8.4 cal/cm²
- Sewn with aramid inherently FR thread
- FR hook and loop
- Sold in pairs
- **DIMENSIONS:** 18" x 4"

7766

PIONEER®
ESTABLISHED 1887

Flame-Resistant Quilted Hard Hat Liner

V4510870 | **564A** | Black

FLAME-GARD®

- 100% FR-treated 5 oz (170 GSM) woven cotton shell
- Shell fabric meets CGSB 155.20-2000
- FR-treated brushed cotton lining
- No mouthpiece
- Helmet-secure straps
- **SIZE:** O/S

564A

Flame-Resistant Quilted Hard Hat Liner – Detachable Mouthpiece

V4511070 | **566A** | Black

FLAME-GARD®

- 100% FR-treated 5 oz (170 GSM) woven cotton shell
- Shell fabric meets CGSB 155.20-2000
- FR-treated brushed cotton lining
- Detachable mouthpiece
- Helmet-secure straps
- Sewn with inherently FR thread
- **SIZE:** O/S

566A

Flame-Resistant Quilted Long Neck Hard Hat Liner

V4510970 | **565A** | Black

FLAME-GARD®

- 100% FR-treated 5 oz (170 GSM) woven cotton shell
- Shell fabric meets CGSB 155.20-2000
- FR-treated brushed cotton lining
- Long neck with detachable mouthpiece
- Helmet-secure straps
- Sewn with inherently FR thread
- **SIZE:** O/S

565A

Heavy-Duty Flame-Resistant Quilted Long Neck Hard Hat Liner
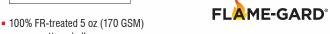
V4512070 | **5565A** | Black

FLAME-GARD®

- 100% FR-treated 5 oz (170 GSM) woven cotton shell
- Shell fabric meets CGSB 155.20-2000
- FR-treated brushed cotton lining
- Long neck with detachable mouthpiece
- Helmet-secure straps
- **SIZE:** O/S

Double-Layer One-Hole Balaclava

V4530270 | **C304** | Black

FLAME-GARD®

- Inherently flame-resistant/arc-rated Flame-Gard® blend
- ATPV 40 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Super soft, warm and comfortable
- Safe, long neck design
- Elastic face line
- Side slit
- **SIZE:** O/S

ARC⚡GARD® | ARC **4** | ATPV **40**

C304

Nomex® IIIA 1-Hole Balaclava

V4520170 | **666** | Black

- Nomex® IIIA lifelong flame resistant
- 1 hole
- **SIZE:** O/S

FLAME-GARD®

666

Nomex® IIIA Light-Knit Balaclava

V4520970 | **C215** | Black

- Nomex® IIIA lifelong flame resistant
- ARC 2 rating
- ATPV 14 cal/cm²
- 1 hole
- **SIZE:** O/S

FLAME-GARD®

C215

ARC GARD® | ARC 2 | ATPV 14

Nomex® IIIA Medium-Knit Balaclava

V4520770 | **C214BK** | Premium Black

- Nomex® IIIA lifelong flame resistant
- 1 hole
- 4-piece cape/hood design
- **SIZE:** O/S

FLAME-GARD®

C214BK

Double-Layer Neck Warmer

V4530370 | **C307** | Black

- Inherently flame-resistant/arc-rated Flame-Gard® blend
- ATPV 40 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Super soft, warm and comfortable
- **SIZE:** O/S

FLAME-GARD®

C307

ARC GARD® | ARC 4 | ATPV 40

Double-Layer Toque

V4530170 | **C300** | Black

- Inherently flame-resistant/arc-rated Flame-Gard® blend
- ATPV 40 cal/cm² (Arc Thermal Protective Value)
- ARC 4 Arc Rating Category
- Super soft, warm and comfortable
- **SIZE:** O/S

FLAME-GARD®

C300

ARC GARD® | ARC 4 | ATPV 40

Nomex® IIIA Beanie

V4520370 | **C201** | Black

- Nomex® IIIA lifelong flame resistant
- Tight-knit for best fit
- **SIZE:** O/S

FLAME-GARD®

C201

Nomex® IIIA Toque

V4520270 | **C200** | Black

- Nomex® IIIA lifelong flame resistant
- **SIZE:** O/S

FLAME-GARD®

C200

Nomex® Neck Warmer/Windguards

V4520510 | **C207** | White
V4520570 | **C207BK** | Premium Black

- Nomex® lifelong flame resistant
- **SIZE:** O/S

FLAME-GARD®

C207

C207BK