



FR WORK WEAR & ARC FLASH PROTECTION

PROUDLY MANUFACTURING IN THE USA SINCE 1935

OUR MISSION:

TO PROVIDE INNOVATIVE, QUALITY SAFETY APPAREL

In 1935 Wallace “Wally” Grossman graduated from school and realized employment wasn’t going to be easy due to the economic conditions. As a result, he started a business in his father’s basement where he began to manufacture Heat and Thermal protective apparel. It wasn’t long before the business took off and his father, George, quit his job and began working alongside his son. Together they started a successful family business during severe economic conditions.

The family business has continued to grow over the years and is known today as, National Safety Apparel®. When asked about the history of NSA, Chuck Grossman, current owner and President responded with: “Our business began with Heat and Thermal products and the intent to provide the highest quality protective apparel for individuals working in high heat environments. Today, we are a fourth generation family-owned business that understands the importance of safety, quality, comfort, and customization. We continue to innovate and enhance our safety products offering. Innovation is the core value that drives us each day.”

At National Safety Apparel®, we provide many advantages to help make your purchasing decision easier. We are proud to manufacture in the U.S. and be certified to ISO 9001 with design, which allows us to offer product customization and personalization to any of our products and the ability to develop products to best meet your specific needs and hazards. Our outside sales team and inside customer service department are ready and able to address your needs, questions, and requests. Since 1935, workers across the country have relied on NSA’s quality craftsmanship.

HEADQUARTERS

*Proudly manufacturing in
Cleveland, Ohio since 1935.*

STOCK ITEMS

*NSA carries a large number of stock
products to meet the needs of customers.*

PERSONALIZED CUSTOMER SERVICE

*NSA provides a friendly customer service
staff that is on call Monday through Friday,
8am-7pm EST. to help fulfill your safety
apparel needs.*

ISO CERTIFIED

*NSA is certified to ISO 9001:2015
with design.*

FABRIC CHOICES

*NSA carries a variety of fabrics to meet
your needs. Multiple color, weight, and
style options give you the freedom to
choose exactly what you are looking for.*

CUSTOMIZATION

*The possibilities are endless— NSA can
customize almost every garment carried to
meet your company requirements.*

WHY NSA?



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MEN'S FR WORK WEAR

Since 1935, the driving force behind our PPE lines has been the innovation and evolution of safety products. Today, these two key values continue to drive the research, development, and refining of our safety product lines for today's workforce and the generations to come. The following section contains garments made from some of the most innovative flame resistant performance fabrics available. With eight patents for fabrics and products with leading edge technologies, National Safety Apparel is innovating for you.

Stay up-to-date on product developments and innovative technologies by visiting our website at www.thinkNSA.com.



FLAME RESISTANCE

PERMANENT, NO-MELT, NO-DRIP
FLAME RESISTANCE MEANS
PEACE OF MIND.



ODOR CONTROL

AFTER WORKING UP A SWEAT,
YOU DON'T HAVE TO WORRY
ABOUT THE STINK.

HIGH PERFORMANCE FR™

What you wear underneath counts. Pair DRIFIRE base layers with outer layers for added protection and moisture-wicking. The added benefit of odor management keeps you fresher, longer. Different colors and weights provide variety and every level of comfort and protection you're looking for.

Our full line of inherent flame resistant clothing is made tough to endure even the most hazardous conditions. Yet, it's lightweight and comfortable to help you stay focused on the job at hand.



MOISTURE MANAGEMENT

THE ULTIMATE COMFORT OF
DRIFIRE® GARMENTS IS DUE
TO ITS PERMANENT MOISTURE
MANAGEMENT TECHNOLOGY.



INHERENT FR WON'T WASH OUT

THE FR, MOISTURE MANAGEMENT,
AND ODOR CONTROL ARE BUILT
DIRECTLY INTO THE FIBERS AND
WON'T WASH OUT.

HIGH PERFORMANCE



DRIFIRE PRIME™

- 6.5 oz. fabric with super soft feel
- 79% Modacrylic / 14% Lyocell / 7% Spandex
- Offset, flat-locked seams for no-rub comfort
- Dropped flat-locked shoulder seams

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
ARC RATING	4.9 cal/cm ²
CAT	1
SIZE	SM-3X
STOCK	√

DF2-CM-762-PLS-__

DF2-CM-762-PTS-__



DF2-CM-762-PLP-__

DF2-CM-762-PBB-__

FR BASE LAYERS



NB Navy
 DS Desert Sand

DF2-CM-446LS-__



NB Navy
 DS Desert Sand

DF2-CM-446TS-__



NB Navy

DF2-CM-446LP-NB-__



NB Navy

DF2-CM-446BB-NB-__

LIGHTWEIGHT



DRIFIRE® LIGHTWEIGHT BASE LAYERS

- 5.4 oz. soft fabric prevents chafing and maximizes comfort
- 75% Modacrylic / 15% Lyocell / 10% Nylon
- CAT1 logo on chest for easy identification under layered garment
- Ribbed collar maintains shape

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
ARC RATING	Ebt 4.5 cal/cm ²
CAT	1
SIZE	SM-3X
	MD-3X Tall (Shirts Only)
STOCK	√

HEAVYWEIGHT



DS
Desert Sand



NB
Navy



NB
Navy

DF2-CM-265ALS-__

DRIFIRE® PERFORMANCE FR LONG SLEEVE T-SHIRT

- 8.75 oz. soft fabric prevents chafing and maximizes comfort
- 85% Modacrylic / 15% Lyocell
- CAT2 logo on sleeve for easy identification

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
ARC RATING	Ebt 8 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√

DF2-CM-265ALP-NB-__

DRIFIRE® PERFORMANCE FR LONG JOHN

- 8.75 oz. soft fabric prevents chafing and maximizes comfort
- 85% Modacrylic / 15% Lyocell

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
ARC RATING	Ebt 8 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√



C52JKSR__ - Tan
C52FKSR__ - Navy

FR CONTROL 2.0™ SHORT SLEEVE T-SHIRT

- 5.5 oz. Modacrylic Blend
- Inherently flame resistant
- Proactively regulates skin temperature
- Stretch for a better fit
- Odor control

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
ARC RATING	Ebt 4 cal/cm ²
CAT	1
SIZE	SM-3X
STOCK	√



C52JKSRLS__ - Tan
C52FKSRLS__ - Navy

FR CONTROL 2.0™ LONG SLEEVE T-SHIRT

- 5.5 oz. Modacrylic Blend
- Inherently flame resistant
- Proactively regulates skin temperature
- Stretch for a better fit
- Odor control

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
ARC RATING	Ebt 4 cal/cm ²
CAT	1
SIZE	SM-3X
STOCK	√



U52JKSRLS__ - Tan
U52FKSRLS__ - Navy

FR CONTROL 2.0™ LONG UNDERWEAR

- 5.5 oz. Modacrylic Blend
- Inherently flame resistant
- Proactively regulates skin temperature
- Stretch for a better fit
- Odor control

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
ARC RATING	Ebt 4 cal/cm ²
CAT	1
SIZE	SM-3X
STOCK	√



C51FRSR__

FR CONTROL™ SHORT SLEEVE

- 4.5 oz. Modacrylic Blend
- Proactively regulates skin temperature
- Moisture wicking
- Odor control
- Great for heat stress reduction

ASTM F1506	√
ARC RATING	Ebt 3.6 cal/cm ²
SIZE	SM-3X
STOCK	√



C51FRSRLS__

FR CONTROL™ LONG SLEEVE

- 4.5 oz. Modacrylic Blend
- Proactively regulates skin temperature
- Moisture wicking
- Odor control
- Great for heat stress reduction

ASTM F1506	√
ARC RATING	Ebt 3.6 cal/cm ²
SIZE	SM-3X
STOCK	√



U51FRSR__

FR CONTROL™ LONG UNDERWEAR

- 4.5 oz. Modacrylic Blend
- Proactively regulates skin temperature
- Moisture wicking
- Odor control
- Great for heat stress reduction

ASTM F1506	√
ARC RATING	Ebt 3.6 cal/cm ²
SIZE	SM-3X
STOCK	√



**Also available in ANSI hi-vis yellow*

READY FOR WORK

Whether you're in oil, gas, electric or manufacturing, the work is tough and dangerous. You need protection against flash fire, arc flash, combustible dust and other hazards. You also need to stay cool and dry so you can focus on the job at hand. Our inherent FR protection includes moisture-wicking technology — the same used by the world's top athletes because, in your line of work, that's exactly what you are.

DF2-793LS-__

DRIFIRE® STRONGKNIT SHIRT

- 6.5 oz. lightweight, breathable fabric for maximum comfort
- Inherently flame resistant
- Odor control
- Ribbed collar to maintain shape

** Also available in ANSI Class 3*

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462	✓
ARC RATING	Ebt 8.6 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	✓



DUAL CERTIFIED
70E | 2112



-  TN
Tan
-  NB
Navy Blue
-  GE
Grey
-  RB
Royal Blue



-  TN
Tan
-  NB
Navy Blue
-  GE
Grey
-  RB
Royal Blue

C541N__LS__

TECGEN SELECT® FR LONG SLEEVE T-SHIRT

- 6.2 oz. OPF Blend
- Moisture wicking
- Inherently flame resistant
- Unsurpassed breathability & drying rate
- Unique heathered color options
- Lightweight FR performance fabric
- Increased comfort at neckline with tagless label printing and covered seams
- Rib knit cuffs for comfortable secure fit

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462	✓
NFPA 2112	✓
ARC RATING	13 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	✓

C541N__BSLS__

TECGEN SELECT® FR LONG SLEEVE HENLEY

- 6.2 oz. OPF Blend
- Moisture wicking
- Inherently flame resistant
- Unsurpassed breathability & drying rate
- Unique heathered color options
- Lightweight FR performance fabric
- Increased comfort at neckline with tagless label printing and covered seams
- Quickly identify compliance with exterior label
- Rib knit cuffs for comfortable secure fit
- 3 Button front placket

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462	✓
NFPA 2112	✓
ARC RATING	13 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	✓



VY
Navy

C54VYBSLS__ C54VYLS__



VK
Khaki

C54VKBSLS__ C54VKLS__



VG
Grey

C54VGBSLS__ C54VGLS__



VR
Orange

C54VRLS__

DUAL CERTIFIED
70E | 2112

FR COTTON KNIT T-SHIRT & HENLEY

- 7 oz. 100% FR cotton knit
- Left chest pocket
- Comfortable FR knit fabric
- 3 button placket on Henley
- Tagless neckline for increased comfort
- Quickly identify compliance with exterior label
- Rib knit cuffs for a comfortable secure fit

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
NFPA 2112	√
ARC RATING	8.9 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√



VY
Navy
STOCK



VG
Grey
MADE TO
ORDER



VK
Khaki
MADE TO
ORDER



FR Cotton Knits combine the unmatched comfort of 100% cotton with certified, multi-hazard protection. In addition to meeting the standards, FR Cotton Knits are a great value and guaranteed to retain its flame resistance for the life of the garment. With an Arc Thermal Protective Value (ATPV) of 8.9, this incredibly comfortable 7 oz. fabric offers effective protection against arc flash and flash fire exposures.

C54VYPSLSSC__

FR COTTON KNIT LONG SLEEVE POLO

- 7 oz. 100% FR cotton knit
- Left chest pocket
- Comfortable FR knit fabric
- 3 button placket
- Tagless neckline for increased comfort
- Quickly identify compliance with exterior label
- Rib knit cuffs for a comfortable secure fit

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
NFPA 2112	√
ARC RATING	8.9 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√

FR KNIT SHIRTS



PI
Navy

C54PI__ C54PILS__ C54PIBSLS__



PA
Khaki

C54PA__ C54PALS__ C54PABSLS__



PG
Grey

C54PG__ C54PGLS__ C54PABSLS__



PQ
Orange

C54PQLS__ C54PQBSLS__

12 cal
6.25 oz.

C54____ - Short Sleeve
C54__LS__ - Long Sleeve
C54__BSLS__ - Henley

FR CLASSIC COTTON™ KNIT SHIRTS

- 6.25 oz. FR Classic Cotton™
- Reinforced left chest pocket
- Increased comfort at neckline with tagless label printing and covered seams
- Quickly identify compliance with exterior label
- Rib knit cuffs for a comfortable secure fit

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√



DF2-324LS-KH- Khaki
DF2-324LS-MB - Medium Blue

DRIFIRE® UTILITY SHIRT

- 7.5 oz. FR cotton blend
- 80% Modacrylic / 15% Cotton / 5% Para-Aramid
- Longer tail stays tucked in
- Features two convenient utility pockets
- Moisture wicking and breathable

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X
	MD-3X Tall
STOCK	√

**Also available
in ANSI hi-vis
yellow*



DRIFIRE 4.4™

Try our lightest dual certified fabric ever! When you're working in extreme heat, every ounce matters. At only 4.4 oz/yd², this fabric is lightweight, with patented moisture wicking technology to keep you cool, dry and protected.

Whether you're in oil, gas, 70E manufacturing, electric or other utilities, the work is tough and dangerous. You need protection against flash fire, arc flash, and other hazards. You also need to stay cool and dry so you can focus on the job at hand.



DF2-CM-450C-LS-NB-__

DRIFIRE® 4.4™ WORK SHIRT

- Dual hazard protection
- Ultra-lightweight 4.4 oz. fabric
- 78% Aramid / 12% Viscose / 9% Nylon / 1% Conductive Fabric

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
NFPA 2112	√
CSA Z462-15	√
ARC RATING	10 cal/cm ²
CAT	2
SIZE	SM-3X
	MD - 3X Tall
STOCK	√



19
Light Blue
TCG011902__



16
Navy Blue
TCG011602__



15
Grey
TCG011502__



12
Tan
TCG011202__



20
Orange
TCG012002__



13
Royal Blue
TCG011302__

DUAL CERTIFIED
70E | 2112



TECGEN SELECT® FR WORK SHIRT

- Ultra-lightweight performance fabric
- 5.5 oz. OPF Blend
- Button down collar
- Pen/pencil slot in front pocket
- 2 Chest pockets with button closure flaps
- Moisture wicking
- Inherently flame resistant
- Unsurpassed breathability & drying rate

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462	✓
NFPA 2112	✓
ARC RATING	8 cal/cm ²
CAT	2
SIZE	SM-5X RG
	MD-5X LN
STOCK	✓

BREATHABILITY. EVEN IN THE HARSHTEST OF CONDITIONS.

TECGEN® FR GARMENTS stand up to arc flash and flash fire hazards without sacrificing comfort. Dual hazard protection that's soft, breathable and moisture wicking — **TECGEN FR** combines these elements into a formula that fuels performance, whether on the rig or in the bucket.

PROTECTING COMFORT™

TECGEN®

FR



INNOVATING FOR YOU

At National Safety Apparel, we're Innovating for You: creating and customizing safety products and custom solutions to meet the demands of the industries we proudly serve. We're proud to be manufacturing in the USA, since 1935, and we are certified to ISO 9001 with design. Our certification allows us to offer product customization and personalization to any of our products, and the ability to develop products to best meet your specific needs and hazards. Our team is ready to provide solutions to your PPE challenges and address your needs, questions, and requests; providing advantages that help make your purchasing decision easier. Workers across the country have come to rely on the quality craftsmanship, durability, and innovation that define National Safety Apparel.



 T4
Medium Blue

SHRT4TGV__

 T5
Khaki

SHRT5TGV__

DUAL CERTIFIED
70E | 2112

TECGEN **FR**

TECGEN® FR VENTED SHIRT

- 6.5 oz. OPF Blend
- TECGEN's patented, breathable vent shirts have industry leading comfort
- Soft, super stretch mesh provides high comfort and mobility
- Premium 2 needle construction and anti-wrinkle technology for a professional look
- Dual utility ports on flaps for gear (PVD, gas, flashlight)
- Button down collar and adjustable cuffs

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462	✓
NFPA 2112	✓
ARC RATING	8.9 cal/cm ²
CAT	2
SIZE	SM-3X RG
	LG-3X LN
STOCK	✓

LB
Light Blue

SHR-DWWS02-LB__

TN
Tan

SHR-DWWS02-TN__

NB
Navy

SHR-DWWS02-NB__

RB
Royal Blue

SHR-DWWS02-RB__

GE
Grey

SHR-DWWS02-GE__



DUAL CERTIFIED
70E | 2112



TECGEN CC™ 9.3 CAL FR WORK SHIRT

- 6.2 oz. OPF Blend
- Moisture wicking
- Increased breathability & drying rate
- Increased comfort
- Unique heathered color options

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
NFPA 2112	√
ARC RATING	9.3 cal/cm ²
CAT	2
SIZE	SM-3X RG
	MD-3X LN
STOCK	√



SHR-DWWS03-NB__

TECGEN CC™ 12 CAL FR WORK SHIRT

- 7.5 oz. OPF Blend
- Moisture wicking
- Increased breathability & drying rate
- Increased comfort

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462	✓
NFPA 2112	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X RG
	MD-3X LN
MADE TO ORDER	

SHR-DWWS03-TN__

TECGEN CC™ 12 CAL FR WORK SHIRT

- 7.5 oz. OPF Blend
- Moisture wicking
- Increased breathability & drying rate
- Increased comfort

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462	✓
NFPA 2112	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X RG
	MD-3X LN
MADE TO ORDER	

DUAL CERTIFIED

70E | 2112

Westex
UltraSoft AC®



ALSO AVAILABLE IN
THESE MTO COLORS:



YB
Navy



QV
Tan

SHRDR3__RG

ULTRASOFT AC® WORK SHIRT

- 7 oz. UltraSoft AC®
- Made with premium Pima cotton for a softer finish
- Reinforced left chest pocket
- Adjustable 2 button cuff closure
- Button down collar

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	8.3 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	✓

FR WORK SHIRTS

Westex
UltraSoft®



ALSO AVAILABLE IN
THESE MTO COLORS:



UJ
Navy



UK
Tan

US
Medium Blue

SHRUK__RG

ULTRASOFT® WORK SHIRT

- 7 oz. UltraSoft®
- Reinforced left chest pocket
- Adjustable 2 button cuff closure

OSHA 1910.269	✓
ASTM F1506-	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	8.7 cal/cm ²
CAT	2
SIZE	SM-3X
MADE TO ORDER	

LAYER RATINGS

Layering Garments can increase Arc Flash ratings to levels greater than the sum of individual layers. No matter what temperature, you'll have the right gear to get the job done, with greater protection in dangerous situations.

**TECGEN SELECT®
FR WORK SHIRT**
TCG01__02__
8 cal/cm²
CAT 2



**VIZABLE® FR
ULTRASOFT
WORK SHIRT**
SHRTD3C3__RG
9.2 cal/cm²
CAT 2



**ATPV=
29 cal/cm²**

**TECGEN SELECT®
FR COVERALL**
TCG02__08__
8 cal/cm²
CAT 2



**12 CAL ULTRASOFT
COVERALL**
C88UP_____
12 cal/cm²
CAT 2



**ATPV=
28 cal/cm²**

**TECGEN SELECT®
FR WORK SHIRT**
TCG01__02__
8 cal/cm²
CAT 2



**CLASSIC COTTON
LONG SLEEVE
T-SHIRT**
C54PILS__
12 cal/cm²
CAT 2



**ATPV=
32 cal/cm²**

**TECGEN SELECT®
FR WORK SHIRT**
TCG01__02__
8 cal/cm²
CAT 2



**VIZABLE® FR HI-VIS
WORK SHIRT**
SHRTV3C3__RG
8.9 cal/cm²
CAT 2



**ATPV=
31 cal/cm²**

**TECGEN SELECT®
FR WORK SHIRT**
TCG01__02__
8 cal/cm²
CAT 2



**VIZABLE® FR HI-VIS
DUAL HAZARD
T-SHIRT**
TEEY2LSPC3__
10 cal/cm²
CAT 2



**ATPV=
30 cal/cm²**

System Arc Ratings only apply to the area where the garments overlap.
 All Arc Rating data is accurate as of Feb 13, 2019, but changes can occur.
 Call NSA at (800) 553-0672 or visit ThinkNSA.com for the latest Arc Rating Data.

<p>12 CAL ULTRASOFT COVERALL C88UP_____ 12 cal/cm² CAT 2</p>		<p>+</p>	<p>TECGEN SELECT® FR COVERALL TCG02__08__ 8 cal/cm² CAT 2</p>		<p>=</p>	<p>ATPV= 31 cal/cm²</p>
<p>12 CAL ULTRASOFT COVERALL C88UP_____ 12 cal/cm² CAT 2</p>		<p>+</p>	<p>VIZABLE® FR HI-VIS LONG SLEEVE TEE C54HYLSC3__ 10 cal/cm² CAT 2</p>		<p>=</p>	<p>ATPV= 33 cal/cm²</p>
<p>12 CAL ULTRASOFT COVERALL C88UP_____ 12 cal/cm² CAT 2</p>		<p>+</p>	<p>VIZABLE® FR HI-VIS WORK SHIRT SHRTV3C3__RG 8.9 cal/cm² CAT 2</p>		<p>=</p>	<p>ATPV= 35 cal/cm²</p>
<p>TECGEN CC™ FR BUTTON DOWN SHIRT SHR-DWWS02 9.3 cal/cm² CAT 2</p>		<p>+</p>	<p>FR CONTROL 2.0™ LONG SLEEVE TEE C52FKSRLS__ 4 cal/cm² CAT 1</p>		<p>=</p>	<p>EBT= 20 cal/cm²</p>
<p>TECGEN CC™ FR BUTTON DOWN SHIRT SHR-DWWS02 9.3 cal/cm² CAT 2</p>		<p>+</p>	<p>TECGEN SELECT® FR LONG SLEEVE TEE C541N__LS__ 13 cal/cm² CAT 2</p>		<p>=</p>	<p>ATPV= 31 cal/cm²</p>

VIZABLE® FR HI-VIS
DUAL HAZARD
T-SHIRT
TEEY2LSPC3__
10 cal/cm²
CAT 2



+

DRIFIRE® LIGHTWEIGHT
LONG SLEEVE TEE
DF2-CM-446LS
4.5 cal/cm²
CAT 1



=

EBT=
23 cal/cm²

TECGEN SELECT®
FR WORK SHIRT
TCG01__02__
8 cal/cm²
CAT 2



+

FR CONTROL 2.0™
LONG SLEEVE TEE
C52FKSRLS__
4 cal/cm²
CAT 1



=

EBT=
19 cal/cm²

TECGEN SELECT®
FR COVERALL
TCG02__08__
8 cal/cm²
CAT 2



+

TECGEN CC™ FR
BUTTON DOWN
SHIRT
SHR-DWWS02
9.3 cal/cm²
CAT 2



=

ATPV=
28 cal/cm²

TECGEN SELECT®
FR WORK SHIRT
TCG01__02__
8 cal/cm²
CAT 2



+

TECGEN SELECT®
FR COVERALL
TCG02__08__
8 cal/cm²
CAT 2



=

ATPV=
30 cal/cm²

ULTRASOFT
WORK SHIRT
SHRUK__RG
8.7 cal/cm²
CAT 2



+

FR CONTROL 2.0™
LONG SLEEVE TEE
C52JKSRLS__
4 cal/cm²
CAT 1



=

EBT=
24 cal/cm²

8 CAL ULTRASOFT
NAVY COVERALL
C88UJ__--
8 cal/cm²
CAT 2



+

FR CONTROL™
LONG SLEEVE TEE
C51FRSRLS__
3.6 cal/cm²
CAT 1



=

EBT=
23 cal/cm²

**TECGEN CC™ FR
BUTTON DOWN
SHIRT**
SHR-DWWS03
12 cal/cm²
CAT 2



**FR CONTROL 2.0™
LONG SLEEVE TEE**
C52FKSRLS__
4 cal/cm²
CAT 1



EBT=
26 cal/cm²

**TECGEN® FR
VENTED SHIRT**
SHRT4TGV__
8.9 cal/cm²
CAT 2



**FR CONTROL 2.0™
LONG SLEEVE TEE**
C52JKSRLS__
4 cal/cm²
CAT 1



EBT=
26 cal/cm²

**TECGEN® FR
VENTED SHIRT**
SHRT5TGV__
8.9 cal/cm²
CAT 2



**DRIFIRE® LIGHTWEIGHT
LONG SLEEVE TEE**
DF2-CM-446LS
4.5 cal/cm²
CAT 1



EBT=
25 cal/cm²

**TECGEN SELECT®
FR WORK SHIRT**
TCG01__02__
8 cal/cm²
CAT 2



**DRIFIRE® STRONGKNIT
LONG SLEEVE TEE**
DF2-AX3-793LSP-HY
81. cal/cm²
CAT 2



ATPV=
32 cal/cm²

**DRIFIRE® 4.4™
COVERALL**
DF2-450C-CA
10 cal/cm²
CAT 2



**DRIFIRE® LIGHTWEIGHT
LONG SLEEVE TEE**
DF2-CM-446LS
4.5 cal/cm²
CAT 1



EBT=
13 cal/cm²

**DRIFIRE® 4.4™
WORK SHIRT**
DF2-CM-450C-LS
10 cal/cm²
CAT 2



**DRIFIRE® PRIME
LONG SLEEVE TEE**
DF2-CM-762-PLS
4.9 cal/cm²
CAT 1



EBT=
21 cal/cm²



**Also available
in ANSI hi-vis
yellow*

IF
Navy



DF2-CM-277-HD-NB-__

DRIFIRE® ZIP FRONT FR HOODED SWEATSHIRT

- 10.25 oz. Modacrylic Blend Fleece
- Front zipper with placket
- Quickly identify compliance with exterior label
- Zippered chest pocket

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	SIZE
ARC RATING	Ebt 18 cal/cm ²
CAT	2
SIZE	SM - 3X
STOCK	✓

C21IF02__

HEAVYWEIGHT CREW NECK FR SWEATSHIRT

- 14.25 oz. Modacrylic Blend Fleece
- Dual certified to protect against flash fire and arc flash hazards
- Generous cut allows for unrestricted movement
- Increased comfort at neckline with tagless label
- Quickly identify compliance with exterior label

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	28 cal/cm ²
CAT	3
SIZE	SM - 3X
STOCK	✓

DUAL CERTIFIED
70E | 2112

**HEAVYWEIGHT ZIP FRONT FR SWEATSHIRT
HEAVYWEIGHT PULLOVER FR SWEATSHIRT**

- 14.25 oz. Modacrylic Blend Fleece
- Dual certified to protect against flash fire and arc flash hazards
- Generous cut allows for unrestricted movement
- Drawstring hood with cord locks
- Front pockets
- Rib knit cuffs & waistband
- Exterior tagless label

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	28 cal/cm ²
CAT	3
SIZE	SM - 3X
	MD -3X Tall (Navy Blue Only)
STOCK	✓



IF Navy IG Grey

C21IF03__ C21IG03__



IF Navy IG Grey

C21IF05__ C21IG05__

DUAL CERTIFIED
70E | 2112



TECGEN FR



Westex
UltraSoft



C21IB12__

TECGEN® FR TACOMA SWEATSHIRT

- 16 oz. Tacoma Fleece
- Dual certified to protect against flash fire and arc flash hazards
- Front pocket
- Rib knit cuffs & waistband
- Stylish distressed leather print hides stains

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	Ebt 25 cal/cm ²
CAT	3
SIZE	SM-3X
STOCK	√

C21WT03__

MIDWEIGHT PULLOVER FR SWEATSHIRT

- 11 oz. UltraSoft® Fleece
- Dual certified to protect against flash fire and arc flash hazards
- Front pocket
- Rib knit cuffs & waistband
- Quickly identify compliance with exterior label

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	Ebt 22 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√

C21WT05__

MIDWEIGHT ZIP FRONT FR SWEATSHIRT

- 11 oz. UltraSoft® Fleece
- Dual certified to protect against flash fire and arc flash hazards
- Front pockets
- Rib knit cuffs & waistband
- Quickly identify compliance with exterior label

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	Ebt 22 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√



C23FL05__

FR FLEECE SWEATSHIRT

- Made from 7.5 oz. DuPont™ Nomex®
- Drawstring hood with cord locks
- Double layer cuffs
- Inset front pockets
- Provides warmth without weight

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	Ebt 23 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√

DuPont™ Nomex®

DuPont™ Nomex® fiber flame resistant (FR) clothing protects industrial workers from the intense heat and flames of pool fires, bleve fires, flash fires and jet fires.

How does it work? Nomex® is a revolutionary, inherent heat- and flame-resistant fiber that reacts in a crisis. When exposed to extreme heat, Nomex® undergoes a special reaction, changing its properties to capture more energy in the fabric, giving the wearer valuable extra seconds of protection from heat transfer.

This heat and flame resistance is built into the Nomex® fiber —it can't be washed out or worn away.

As for comfort, FR clothing made with Nomex® features the lowest possible weight at the highest level of protection; breathability for reduced heat stress; and the ability to effectively wick away moisture.



IFWE
Navy w/Grey Liner



IFWE
Navy w/Grey Liner

C21IFWE03_ _

HEAVYWEIGHT LINED PULLOVER FR SWEATSHIRT

- 14.25 oz. Modacrylic Blend Fleece
- 7 oz. Thermal lining for increased warmth
- Front pocket
- Quickly identify compliance with exterior label

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	43 cal/cm ²
CAT	4
SIZE	SM - 3X
STOCK	✓

C21IFWE05_ _

HEAVYWEIGHT LINED ZIP FRONT FR SWEATSHIRT

- 14.25 oz. Modacrylic Blend Fleece
- 7 oz. Thermal lining for increased warmth
- Front pockets
- Quickly identify compliance with exterior label

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	43 cal/cm ²
CAT	4
SIZE	SM - 3X
STOCK	✓



PNTD6JTR__X__

TECGEN® FR TAPROOM JEAN >>

- TECGEN's exclusive 12 oz. inherent FR denim has 50% more stretch than typical FR stretch denims
- 2 utility pockets built for larger phones and tools with conveniently placed knife strap
- Larger leg openings to fit over work boots

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	20 cal/cm ²
CAT	2
WAIST	30" - 44" EVEN SIZES
INSEAM	30" - 36" EVEN SIZES
STOCK	√

DF2-CM-618-JN-DN-__X__

<< **DRIFIRE® PERFORMANCE FR JEAN**

- Classic 5-pocket design with durable 14.75 oz. inherently FR fabric
- Dries up to 37% faster than competitors

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	Ebt 15 cal/cm ²
CAT	2
WAIST	30" - 48" EVEN SIZES
INSEAM	30" - 36" EVEN SIZES
STOCK	√





BACK POCKET

PNTJGJ__X__

TECGEN® FR JEAN

- Classic 5-pocket design
- 14 oz. FR Denim
- Heavy duty covered zip fly
- Exceptional abrasion resistance

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	21 cal/cm ²
CAT	2
WAIST	30" - 48" EVEN SIZES
INSEAM	30" - 36" EVEN SIZES
STOCK	√



BACK POCKET

PNTB2SD__X__

TECGEN® FR SUMMER WEIGHT DUNGAREE

- 8.5 oz. FR UltraSoft® summer weight canvas
- 8 pockets including utility pockets designed to hold larger phones and tools
- Relaxed fit and larger leg openings

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	11 cal/cm ²
CAT	2
WAIST	30" - 44" EVEN SIZES
INSEAM	30" - 36" EVEN SIZES
STOCK	√



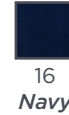
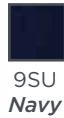
BACK POCKET

PNTUDWD__X__

TECGEN® FR WINTER WEIGHT DUNGAREE

- 11 oz. FR UltraSoft® winter weight duck
- 8 pockets including utility pockets designed to hold larger phones and tools
- Relaxed fit and larger leg openings

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	13 cal/cm ²
CAT	2
WAIST	30" - 44" EVEN SIZES
INSEAM	30" - 36" EVEN SIZES
STOCK	√



BACK POCKET



BACK POCKET

PNT9SU__X__

TECGEN® FR PERFORMANCE UTILITY PANT

- 9.5 oz. Breathable fabric which increases moisture management
- Cargo pocket on left side, double tool pocket on right leg, and standard hip and back pockets

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	14 cal/cm ²
CAT	2
WAIST	30" - 48" EVEN SIZES
INSEAM	30" - 36" EVEN SIZES
STOCK	✓

TCG5016__X__

TECGEN SELECT™ WORK PANT

- 8 oz. Navy OPF Blend
- Button front closure with covered zip fly
- 2 Front & rear pockets
- Moisture Wicking

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	9.7 cal/cm ²
CAT	2
WAIST	30" - 48" EVEN SIZES
INSEAM	30" - 36" EVEN SIZES
STOCK	✓

PNTUP__X__

FR NAVY WORK PANT

- 9 oz. Navy UltraSoft®
- Button front closure with covered zip fly
- 2 Front slash & rear inset pockets

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	12 cal/cm ²
CAT	2
WAIST	30" - 46" EVEN SIZES
INSEAM	30" - 36" EVEN SIZES
STOCK	✓



DRIFIRE 4.4™

Try our lightest dual certified fabric ever! When you're working in extreme heat, every ounce matters. At only 4.4 oz/yd², this fabric is lightweight, with patented moisture wicking technology to keep you cool, dry and protected.

Whether you're in oil, gas, 70E manufacturing, electric or other utilities, the work is tough and dangerous. You need protection against flash fire, arc flash, and other hazards. You also need to stay cool and dry so you can focus on the job at hand.



DUAL CERTIFIED
70E | 2112

DF2-450C-CA-NB-__

DRIFIRE® 4.4™ FR COVERALL

- Dual certified for arc flash and flash fire protection
- Ultra-Lightweight 4.4 oz. FR Coverall
- 78% Aramid / 12% Viscose / 9 % Nylon / 1% Conductive Fiber
- Odor control

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	8 cal/cm ²
CAT	2
SIZE	SM-3X Regular
	MD-3X Tall
STOCK	√

DUAL CERTIFIED

70E | 2112

TECGEN SELECT® FR COVERALL

- 5.5 oz. OPF Blend
- 7 Pocket design with side pass through
- 2-Way covered zipper closure for easy entry
- Moisture wicking
- Inherently flame resistant
- Unsurpassed breathability & drying rate
- Ultra-lightweight performance fabric

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	8 cal/cm ²
CAT	2
SIZE	SM-5X RG
	MD-5X LN
STOCK	√



TECGEN®

FR



16
Navy

TCG021608_ _



15
Grey

TCG021508_ _








12
Tan

TCG021208_ _





Westex
UltraSoft®



MTO COLORS:

-  UJ Navy
-  UK Khaki
-  UO Orange
-  ZJ Red
-  GX Grey

MTO COLORS:

-  UP Navy
-  UT Khaki
-  UR Royal
-  GG Grey

8.7 cal
7 oz.

C88UJ_____
7 OZ. FR COVERALL

- 7 oz. UltraSoft®
- Dual certified to protect against flash fire and arc flash hazards
- Action back allows for full range of motion
- Covered 2-way zipper front for easy entry
- Flexible sewn-in elastic waist
- 6 Pocket style with side pass through access

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	8.7 cal/cm ²
CAT	2
SIZE	SM-3X /30" INSEAM
	MD-3X /32" INSEAM
STOCK	✓

12 cal
9 oz.

C88UP_____
9 OZ. FR COVERALL

- 9 oz. UltraSoft®
- Dual certified to protect against flash fire and arc flash hazards
- Action back allows for full range of motion
- Covered 2-way zipper front for easy entry
- Flexible sewn-in elastic waist
- 6 Pocket style with side pass through access

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X /30" INSEAM
	MD-3X /32" INSEAM
STOCK	✓

DUAL CERTIFIED

70E | 2112

C88EJCZ_ _ _ _

7 OZ. FR CONTRACTOR COVERALL

- 7 oz. FR Cotton Blend, Twill
- Dual certified to protect against flash fire and arc flash hazards
- 1 Left chest pocket, 1 back pocket
- 2-Way covered zipper closure for easy entry
- FR Hook & loop wrist closure
- Leg openings made to fit over work boots

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	8.6 cal/cm ²
CAT	2
SIZE	SM-3X /32" INSEAM
STOCK	√



CUSTOMIZE YOUR GARMENT

ADD ONE OR MORE OF THE FOLLOWING:

- A company logo or patch
- Employee name
- Reflective trim
- Extra pockets
- Color blocking
- And more

With our in-house design capabilities and our cut and sew manufacturing located under one roof in Cleveland, Ohio, we can easily build a custom piece of PPE from start to finish. We are proud to be flexible and offer fully custom or simply customized garments to our customers.



DID YOU KNOW...

Yellow and orange high visibility garments have become an increasingly popular way to be seen in FRC. You can be seen in a whole new way with our Hybrid FR color blocking styles. We have expanded our stock high visibility product line to offer an even wider range of hi-vis PPE to meet your needs.

Customers can select from leg gaiters, vests, workshirts, sweatshirts, and the most advanced FR/AR foul weather gear to hit the market - HYDROLite FR™. From increased visibility for workers on low light job sites to fending off mother nature, we have you covered!

View our complete VIZABLE™ line of high visibility products or visit us at www.thinkNSA.com.



ARC FLASH PPE CATEGORIES

Looking for PPE CAT 1, 2, 3, or 4? We have an extensive selection of PPE products ranging from a category 1 base layer all the way up to a 100 cal/cm² arc flash suit. When it comes to arc flash, we have you covered. Below are only a few examples of some of the ensembles we have to offer for each PPE Category. As always, a hazard risk assessment needs to be performed in order to fully understand your specific hazard and the protection it requires. Contact your regional sales manager for more information.

**If electrical shock is a risk, ArcGuard® Rubber Voltage Gloves & leather protectors are required*

PPE CATEGORY 1

Minimum Arc Rating: 4 cal/cm²



Shown Above:

- FR Control 2.0™ Long Sleeve Base Layer (C52JKSRLS__)
- TECGEN® Jean (PNTJGJ__X__)
- FR Control 2.0™ Balaclava (H85FK)
- Arc Flash Faceshield (H16HAT10CALCAFS)

PPE CATEGORY 2

Minimum Arc Rating: 8 cal/cm²



Shown Above:

- TECGEN SELECT® FR WORK SHIRT (TCG011302)
- UltraSoft® Work Pant (PNTUP__X__)
- UltraSoft® Balaclava (H11RY)
- ArcGuard® PureView™ Faceshield (H12HTHAT)

PPE CATEGORY 3

Minimum Arc Rating: 25 cal/cm²



Shown Above:

- ArcGuard® Short Coat & Bib Overall (C04UTUK25__32 & C45UTUK25__32)
- ArcGuard® Arc Flash Hood (H65UTUKHAT25)
- Class 2 Rubber Voltage Glove Kit (KITGC2__)

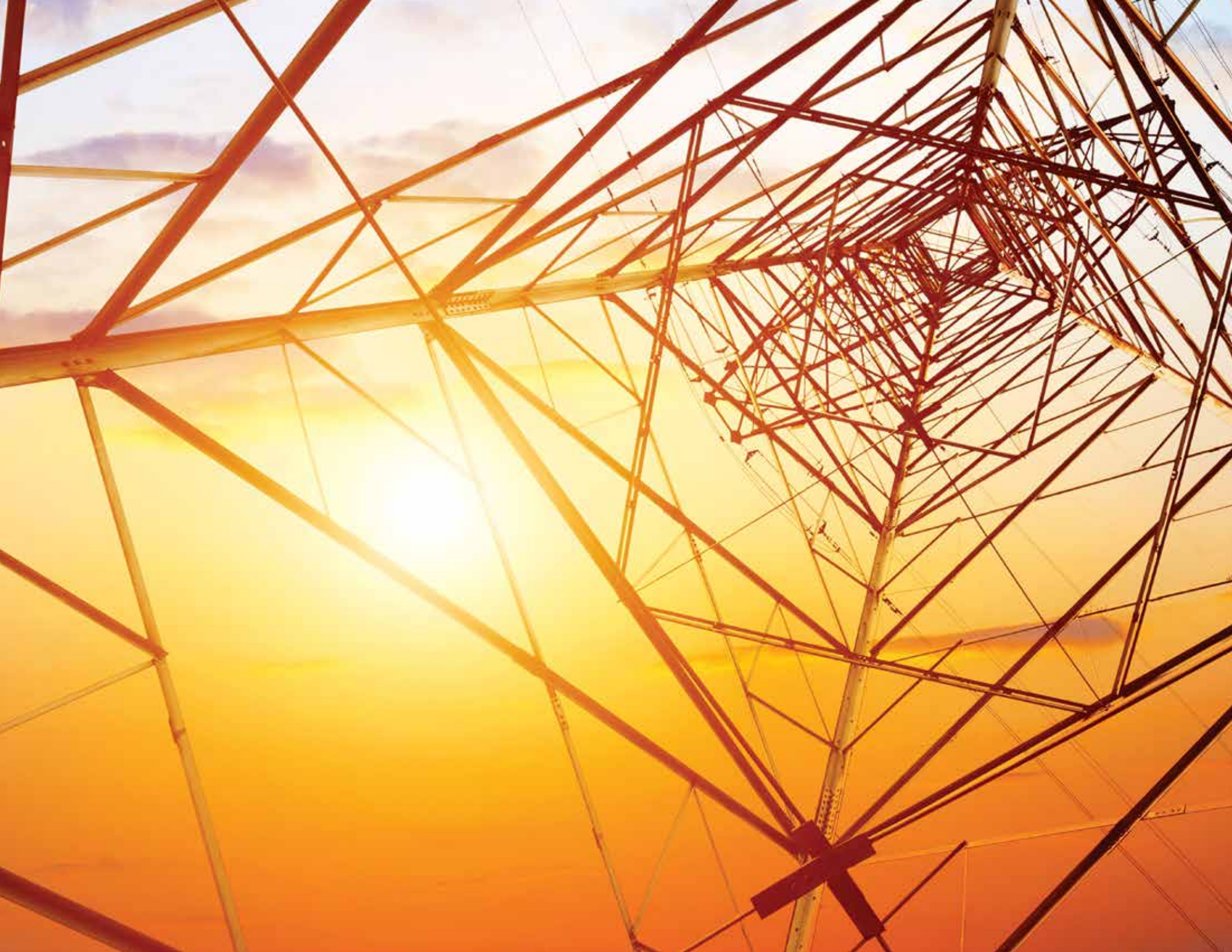
PPE CATEGORY 4

Minimum Arc Rating: 40 cal/cm²



Shown Above:

- ArcGuard® Revolite Arc Flash Kit (KIT4SCLT40)





WOMEN'S FR WORK WEAR

In today's world women shouldn't have to settle for wearing PPE garments designed to fit a man. We are pleased to offer the modern industrial woman a line of stocked flame resistant clothing designed by women for women. The following section will provide you with a glance of our women's product line where we have worked to combine fit, function, and fashion. Ladies, you no longer have to sacrifice style, color, or fit to have the protection you need!

Stay up to date with our latest women's PPE offering by visiting our website at www.thinkNSA.com.

FR Cotton Knit Long Sleeve



VK
Khaki

C54VKLSW__

FR Cotton Knit Henley



VG
Grey

C54VGBLSW__

FR Cotton Knit Polo



VY
Navy

C54VYPSLSSCW__



DUAL CERTIFIED
70E | 2112

WOMEN'S FR COTTON KNITS

- 7 oz. 100% FR cotton knit
- Dual certified to protect against flash fire and arc flash hazards
- Comfortable FR knit fabric
- Tagless neckline for increased comfort
- Quickly identify compliance with exterior label

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	8.9 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√

WOMEN'S FR CLASSIC COTTON™ KNITS

- 6.25 oz. FR Classic Cotton™
- Increased comfort at neckline with tagless label printing and covered seams
- Quickly identify compliance with exterior label

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√



FR Classic Cotton™ Long Sleeve



C54PGLSW__

FR Classic Cotton™ Henley



C54MSBSLSW__

ALSO AVAILABE IN THESE MTO COLORS:



PI
Navy



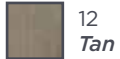
PQ
Orange



PA
Khaki

DUAL CERTIFIED

70E | 2112



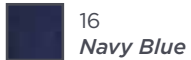
12
Tan

TCGSSWN00112_ _



15
Grey

TCGSSWN00115_ _



16
Navy Blue

TCGSSWN00116_ _



19
Light Blue

TCGSSWN00119_ _



TECGEN®

FR

TECGEN SELECT™ FR WORK SHIRT

- 5.5 oz. OPF Blend
- Dual certified to protect against flash fire and arc flash hazards
- Contoured silhouette
- 7 Button front closure
- Pen/pencil slot in front pocket
- 2 Chest pockets with flaps
- Moisture wicking
- Inherently flame resistant
- Unsurpassed breathability & drying rate
- Ultra-lightweight performance fabric

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	8 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√



Westex
UltraSoft AC[®]



Westex
UltraSoft[®]

SHRDUW__RG

FR ULTRASOFT AC[®] WORK SHIRT

- 7 oz. UltraSoft AC[®]
- Dual certified to protect against flash fire and arc flash hazards
- Made with premium Pima cotton for a softer finish
- Adjustable 2 button cuff closure
- Princess cut offers a better fit

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	8.3 cal/cm ²
CAT	2
MADE TO ORDER	

SHRUKW__RG

FR ULTRASOFT[®] WORK SHIRT

- 7 oz. UltraSoft[®]
- Dual certified to protect against flash fire and arc flash hazards
- Adjustable 2 button cuff closure
- Princess cut offers a better fit

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	8.7 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	✓

What is the difference in Flame Resistant (FR) and Arc Rated (AR) Fabric?

This is a great question that is often asked. The simple answer is: **All arc rated fabrics are flame resistant.** However, **all flame resistant fabrics are NOT arc rated.**

In order to be considered **flame resistant**, a fabric must not melt or drip and cannot exceed the char length (per ASTM F1506, less than 6"; per NFPA 2112, less than 4") or afterflame time when tested according to ASTM D6413, which measures the vertical flame resistance of fabrics. Once the ignition source has been removed, the fabric must self-extinguish, cannot melt or drip, and the char length cannot exceed the test specifications.

Arc rated fabrics are tested to ASTM 1959, which requires any fabric submitted for testing to be flame resistant. This test is used to measure and describe the properties of fabrics in response to convective and radiant energy, generated by an electric arc, in controlled laboratory conditions. By simulating an arc, the test measures the incident energy on fabric that results in a 50% probability of the on-set of second-degree skin burn injury. Arc ratings can be reported to ATPV (Arc Thermal Performance Value) or EBT (EBT Breakopen Threshold Energy).



C211F05W__

WOMEN'S ZIP FRONT FR SWEATSHIRT IN NAVY

- 14.25 oz. Modacrylic/Cotton Fleece
- Dual certified to protect against flash fire and arc flash hazards
- Large front angled patch pockets
- Increased comfort at neckline with tagless label printing
- Quickly identify compliance with exterior label

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	28 cal/cm ²
CAT	3
SIZE	SM - 3X
STOCK	√



BACK POCKET

DUAL CERTIFIED
70E | 2112



BACK POCKET

PNTDYJW__X__

FR FLEX DENIM JEAN

- 13.5 oz. FR Flex Denim
- Dual certified to protect against flash fire and arc flash hazards
- 2 Front & back pockets
- Covered zip fly closure
- Pre-washed for comfort & softness

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	17 cal/cm ²
CAT	2
MADE TO ORDER	

PNTUPW__X__

WOMEN'S FR WORK PANT

- 9 oz. Navy UltraSoft®
- 2 Front & back pockets
- Covered zip fly closure

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	12 cal/cm ²
CAT	2
SIZE	2-16
INSEAM	30"-34" EVEN SIZES
STOCK	√

DUAL CERTIFIED

70E | 2112

12
Tan

TCGSCWN00112__

16
Navy

TCGSCWN00116__

13
Royal
MTO

TCGSCWN00113__

15
Grey
MTO

TCGSCWN00115__



TECGEN®

FR

WOMEN'S TECGEN SELECT® FR COVERALL

- 5.5 oz. OPF Blend
- Dual certified to protect against flash fire and arc flash hazards
- 7 Pocket design with side pass through
- Contoured silhouette
- 2-Way covered zipper closure for easy entry
- Moisture wicking
- Inherently flame resistant
- Unsurpassed breathability & drying rate
- Ultra-lightweight performance fabric

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	8 cal/cm ²
CAT	2
SIZE	SM-3X RG
STOCK	√



DF2-762-SB-__

DRIFIRE® WOMEN'S FR SPORTS BRA

- Racer-back design increases support and improves posture
- Two-layer front for modesty and support with Performance Stretch FR Prime™ fabric
- 79% Modacrylic / 14% Lyocell / 7% Spandex

ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	Ebt 4.9 cal/cm ²
CAT	1
SIZE	SM-3X
STOCK	√

DF2-762-BS-__

DRIFIRE® WOMEN'S BOY SHORTS

- Features back seaming to keep short in place without riding or bunching and comfortably aligns to outerwear
- Tag-free elastic waist maximizes comfort
- 79% Modacrylic / 14% Lyocell / 7% Spandex

ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	Ebt 4.9 cal/cm ²
CAT	1
SIZE	SM-3X
STOCK	√

FRBRAJK-__

WOMEN'S FR CONTROL 2.0™ SPORTS BRA

- 5.5 oz. Desert Sand Modacrylic Blend
- Inherently flame resistant
- Proactively regulates skin temperature
- Stretch for a better fit & support
- Odor control
- Double layer front panel for extra protection

ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	Ebt 4 cal/cm ²
CAT	1
SIZE	SM-2X
STOCK	√





FR OUTERWEAR

Our flame resistant outerwear, the first winter garments in the FR industry to be dual certified: UL Certified to NFPA 2112, and NFPA 70E Compliant. Understanding the needs of our customers from both the hazards they face and the comfort they demand drives the development and refining of our safety product offering each day.

Stay up to date with our latest safety products by visiting our website at www.thinkNSA.com.

DUAL CERTIFIED
70E | 2112



ADD OPTIONAL
FR HOOD (MTO):
HOODUDMQ



UD
Navy

UM
Brown



ADD OPTIONAL
FR HOOD (MTO):
HOODUMMQ



UD
Navy

UM
Brown

Westex
UltraSoft®

C18UDMQ__RG

FR PARKA

- 11 oz. UltraSoft® Duck Shell
- 10 oz. FR Quilted Lining
- Dual certified to protect against flash fire and arc flash hazards
- Heavy duty zip front closure with storm flap
- 2 Dual access cargo pockets plus cargo chest pocket and inside chest pocket
- Inset knit wrists made from DuPont™ Nomex®

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	60 cal/cm ²
CAT	4
SIZE	SM-3X
MADE TO ORDER	

C34UMMQ__RG

FR BOMBER

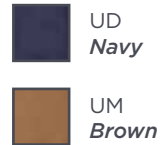
- 11 oz. UltraSoft® Duck Shell
- 10 oz. FR Quilted Lining
- Dual certified to protect against flash fire and arc flash hazards
- Heavy duty zip front closure with storm flap
- Elastic rib knit at side waist for secure fit
- Front inset pockets and inside chest pocket
- Inset knit wrists made from DuPont™ Nomex®

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	60 cal/cm ²
CAT	4
SIZE	SM-3X
MADE TO ORDER	

Westex
UltraSoft®



DUAL CERTIFIED
70E | 2112

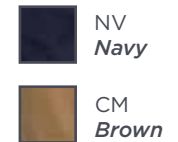


C45UMMQ__RG

FR LINED BIB OVERALL

- 11 oz. UltraSoft® Duck Shell
- 10 oz. FR Quilted Lining
- Dual certified to protect against flash fire and arc flash hazards
- Heavy duty 26" zip closure on each leg for easy entry
- Quick disconnect buckles on each shoulder strap
- Hip pockets and snap closures at side

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	60 cal/cm ²
CAT	4
SIZE	SM-3X, 30"
MADE TO ORDER	



BIB6DCM - Brown

BIB6DNV - Navy

FR UNLINED BIB OVERALL

- 13 oz. FR cotton Duck Shell
- Dual certified to protect against flash fire and arc flash hazards
- Quick disconnect adjustable buckles at each shoulder strap
- Concealed heavy duty snap fly closure
- Zipper calf closure for easy boot entry
- Double chap front with opening to insert knee pads
- Waistline sizing for a better fit
- Multiple pockets for easy tool access

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	16 cal/cm ²
CAT	2
WAIST	30"-40" EVEN SIZES
INSEAM	30"-32" EVEN SIZES
STOCK	√

H01FLCAP

FR FLEECE HAT

- Made from 7.5 oz. DuPont™ Nomex®
- Excellent insulation
- Designed for comfort



OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	Ebt 23 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	√

**HMOD2BK — REGULAR
HMOD2BKLG — LARGE**

FR KNIT WINTER HAT

- 10 oz. Black Modacrylic Blend
- Double layer knit
- Offers warmth & comfort
- Stretchable fit



OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	28 cal/cm ²
CAT	3
SIZE	Regular & Large
STOCK	√

H01FWCAP

POWER GRID FR FLEECE CAP

- Flat lock seams for maximum comfort
- Four-way stretch for ultimate comfort and flexibility
- Grid fabric technology allows superior breathability
- High performance moisture wicking



OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	15 cal/cm ²
CAT	2
SIZE	One size fits most
STOCK	√

**HNC2BK — REGULAR
HNC2BKLG — LARGE**

FR KNIT WINTER HAT

- Made from 10 oz. DuPont™ Nomex®
- Double layer knit
- Offers warmth & comfort
- Stretchable fit



OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	35 cal/cm ²
CAT	3
SIZE	Regular & Large
STOCK	√

H74UP11

FR HARD HAT LINER



- 9 oz. UltraSoft® Shell
- 7 oz. UltraSoft® Lining
- Hook & loop tabs to attach to hard hat
- FR Hook & loop closure

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	32 cal/cm ²
CAT	3
SIZE	One Size Fits Most
STOCK	✓

H74FL28

FR FLEECE 3-IN-1 HOOD



- Made from 8.5 oz. DuPont™ Nomex® (Hood)
- 5.5 oz. FR Control 2.0™ (Neck gaiter/face cover)
- Combines a fleece hood with an adjustable inner facial lining
- Breathable & quick drying
- Moisture wicking

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING (Shell)	15 cal/cm ² , CAT 2
ARC RATING (Lining)	4 cal/cm ² , CAT 1
SIZE	One Size Fits Most
STOCK	✓

H74FL10

FR FLEECE HOOD



- Made from 7.5 oz. Navy DuPont™ Nomex®
- Hook & loop tabs to attach to hard hat
- Superior warmth in cold climates
- FR Hook & loop closure

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	EBT 23 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓

H92FWPS

POWER GRID FR BALACLAVA



- 9.6 oz. PowerGrid FR™ Fleece
- Various ways to wear
- 4-Way stretch technology
- High performance moisture wicking

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	15 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓





FR FOOD PROCESSING & FR LAB APPAREL

Specific design requirements are needed for garments that are worn in food processing facilities.

No Buttons: Closures should be snaps or secured hook & loop. Why? All parts of the garment should be securely affixed so there is no chance that something could fall off and contaminate the food.

No Pockets: Why? Eliminates workers' ability to bring in outside objects (phone, pen, etc.) that could contaminate the food. Pockets also provide a vessel for food to collect. An exception is some facilities will accept pockets below the waist (ex. pant pockets) because they are made to fall below the level of where something could fall out and contaminate the food.

No loose/hanging components: No hook & loop tabs, drawstrings, etc. because loose or hanging pieces in general can be a safety hazard in manufacturing. They also pose a possible point of contamination.



C56UJFS
FR FOOD PROCESSING SHIRT

- 7 oz. UltraSoft®
- Dual certified to protect against flash fire and arc flash hazards
- Covered snap front & cuffs
- No pockets

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	8.7 cal/cm ²
CAT	2
MADE TO ORDER	

C09UJLCFS 42
FR FOOD PROCESSING COAT

- 7 oz. UltraSoft®
- Dual certified to protect against flash fire and arc flash hazards
- Covered snap front & cuffs
- No pockets
- 42" Length

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	8.7 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	√

TSPUP
FR OVERPANT

- 9 oz. UltraSoft®
- Elastic waistband with FR hook & loop front closure
- No pockets

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
NFPA 2112-2012	√
ARC RATING	12 cal/cm ²
CAT	2
MADE TO ORDER	

H01NYHN — HAIRNET
H01NYBN — BEARD NET

FR HAIR AND BEARD NET

- Made from durable DuPont™ Nomex® allowing for multiple wears
- Long lasting
- Stretch fit for adjustable comfort
- Full coverage

OSHA 1910.269	✓
ASTM F1506-10a	✓
NFPA 70E-2015	✓
CSA Z462-15	✓
ARC RATING	2.4 cal/cm ²
SIZE	One Size Fits Most
STOCK	✓



C09UPLC_ _42

FR LAB COAT

- 9 oz. UltraSoft®
- Dual certified to protect against flash fire and arc flash hazards
- Covered snap front closure
- Exterior chest & front pockets
- 42" Length

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X
STOCK	✓





ARC FLASH HEAD PROTECTION

In order to maintain proper compliance, an electrical worker must have 360 degree protection, including the head and neck. With so many options available it can be difficult to find the right protective solution. Safety should be the first factor when taking any product into consideration. The calculated risk level, specific task, and relevant industry standard are all necessary to make sure the chosen head protection is compliant. Additional considerations should be taken in order to provide the wearer with PPE that is both compliant and comfortable. Providing the wearer with PPE that is comfortable and well-suited to the specifics of their environment and tasks can lead to increased compliance, ultimately resulting in a safer, more productive workforce.



COLD-WEATHER
14 CAL

BALACLAVA:
DF2-762CB-DS (Desert Sand)
DF2-762CB-BK (Black)

NECK GAITER:
DF2-762CNG-DS (Desert Sand)
DF2-762CNG-BK (Black)

DRIFIRE PRIME™ COLD-WEATHER FR BALACLAVA AND NECK GAITER

- Double layer, moisture wicking, breathable fabric
- 79% Modacrylic / 14% Lyocell / 7% Spandex
- Balaclava: Hinged design moves with you and allows you to select your level of coverage
- Neck Gaiter: Versatile, extra-long design allows range of coverage options
- Flat-lock seams ensure comfortable fit when worn under hard hats, etc.

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	Ebt 14 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓



HOT-WEATHER
4.9 CAL

BALACLAVA:
DF2-762HB-DS (Desert Sand)
DF2-762HB-BK (Black)

NECK GAITER:
DF2-762HNG-DS (Desert Sand)
DF2-762HNG-BK (Black)

DRIFIRE PRIME™ HOT-WEATHER FR BALACLAVA AND NECK GAITER

- Single layer, moisture wicking, breathable fabric
- 79% Modacrylic / 14% Lyocell / 7% Spandex
- Balaclava: Hinged design moves with you and allows you to select your level of coverage
- Neck Gaiter: Versatile, extra-long design allows range of coverage options
- Flat-lock seams ensure comfortable fit when worn under hard hats, etc.

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	Ebt 4.9 cal/cm ²
CAT	1
SIZE	One Size Fits Most
STOCK	✓



H85FK

FR CONTROL 2.0™ BALACLAVA

- 5.5 oz. Modacrylic Blend
- Actively regulates skin temperature
- Odor control
- Lightweight single layer

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	Ebt 4 cal/cm ²
CAT	1
SIZE	One Size Fits Most
STOCK	√



H01FK159

FR CONTROL 2.0™ NECK GAITER

- 5.5 oz. Modacrylic Blend
- Multi-functional style
- Actively regulates skin temperature
- Odor control
- Lightweight single layer

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	Ebt 4 cal/cm ²
CAT	1
SIZE	One Size Fits Most
STOCK	√

MOISTURE MANAGEMENT

Our FR Control 2.0™ performance FR/AR base layer garments offer both proactive and reactive properties. The proactive technology works to actively regulate skin temperature and test reports show that perspiration is reduced by as much as 34%. Once perspiration starts the reactive technology will wick moisture from the skin by absorbing and forcing it to the exterior of the fabric, away from the body. Moisture wicking is one of the most important steps in creating a layering system, which is why we built it into our FR layering system.

Looking for layering data? See pages 18-19 or visit www.thinknsa.com



H61RK

CARBON ARMOUR™ FR BALACLAVA

- OPF/Para-Aramid Blend
- Mid-weight
- Double layer hood

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	45 cal/cm ²
CAT	3
SIZE	One Size Fits Most
STOCK	✓



H11RV

MIDWEIGHT FR BALACLAVA

- 10 oz. UltraSoft®
- Mid-weight
- Flat locked seams for comfort
- Single layer hood

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	25 cal/cm ²
CAT	3
SIZE	One Size Fits Most
STOCK	✓



H11RX - Khaki

H11RY - Navy

LIGHTWEIGHT FR BALACLAVA

- 6 oz. UltraSoft®
- Lightweight
- Flat locked seams for comfort
- Single layer hood

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
NFPA 2112	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓



H11MI - Khaki
H11BA - Navy

**MIDWEIGHT FR BALACLAVA
IN MODACRYLIC**

- 9.5 oz. Modacrylic Blend
- Mid-weight
- Flat locked seams for comfort
- Single layer hood

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
NFPA 2112	√
ARC RATING	12 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	√



H61MH

**MIDWEIGHT FR BALACLAVA
DUPONT™ NOMEX® BLEND**

- Made from 6 oz. Modacrylic, DuPont™ Nomex® Blend
- Mid-weight
- Double layer hood

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	15 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	√



H61NK

FR KNIT BALACLAVA

- Made from 6 oz. DuPont™ Nomex®
- Mid-weight
- Double layer

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	10 cal/cm ²
HRC	2
SIZE	One Size Fits Most
STOCK	√



KITHP12GGL

12 CAL SYSTEM

- Navy UltraSoft® Balaclava (H73RY)
- Standard arc goggle (H12GGL)
- Nose covering
- Elastic strap to secure goggles
- Protection extends below neckline

OSHA 1910.269	✓
ASTM F2178	✓
ARC RATING	12 cal/cm ² *
CAT	2
SIZE	One Size Fits Most
STOCK	✓

* Arc rating only valid when used as a system



KITHP27

26 CAL SYSTEM

- OPF/Para-Aramid Balaclava (H62RK)
- Medium energy arc goggle (H08GGL)
- Nose covering
- Elastic strap to secure goggles
- Protection extends below neckline

OSHA 1910.269	✓
ASTM F2178	✓
ARC RATING	26 cal/cm ² *
CAT	3
SIZE	One Size Fits Most
STOCK	✓

* Arc rating only valid when used as a system



KITHP45

53 CAL SYSTEM

- Black OPF Blend Balaclava (H49CX)
- High energy arc goggle (H10GGLNN)
- Nose covering
- Elastic strap to secure goggles
- Protection extends below neckline

OSHA 1910.269	✓
ASTM F2178	✓
ARC RATING	53 cal/cm ²
CAT	4
SIZE	One Size Fits Most
STOCK	✓

* Arc rating only valid when used as a system

360 Degree FR Head Protection

Did you know that electrical workers are now required to wear arc rated head and neck protection while on the job? The most recent update to OSHA 1910.269 mandates that when working on or around electrical hazards, 360 degree FR protection is required. This includes the head and neck. Whether workers are looking to comply with OSHA 1910.269 (Electrical Power Generation, Transmission and Distribution Standard) or NFPA 70E (The Standard for Electrical Safety in the Workplace) choosing the best FR head protection for their application provides protection to one of their greatest assets.

Compliance can be achieved through a variety of different arc rated head protection solutions. In general, there are three different hood systems to choose from: FR balaclava and arc rated faceshield, FR balaclava and arc goggle, and a traditional “beekeeper” style arc flash hood. Each of the three arc flash hood options is available with a variety of choices in terms of protection level, material, style, and features. Before determining which head protection solution is the most suitable, a full hazard risk assessment needs to be completed to determine the potential risks associated with each task.



12 CAL



12 CAL PUREVIEW™ FACESHIELD

H12HTHAT	<i>Slotted Adapter Faceshield with Hard Hat (Shown)</i>
H12HT	<i>Slotted Adapter Faceshield (Hard hat not included)</i>
H12HTU	<i>Universal Adapter Faceshield (Hard hat not included)</i>
H12HTFB	<i>Full Brim Adapter Faceshield (Hard hat not included)</i>
OSHA 1910.269	√
ASTM F2178	√
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	√ (Hard Hat)
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	12 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	√

- Adjustable settings allow the faceshield to be secured in various positions, including above the hard hat
- Attached see through chin cup for enhanced peripheral vision
- High visible light transmission for greater visibility
- Proven color recognition
- Lightweight design

20 CAL



20 CAL PUREVIEW™ FACESHIELD

H20HTHAT	<i>Slotted Adapter Faceshield with Hard Hat (Shown)</i>
H20HT	<i>Slotted Adapter Faceshield (Hard hat not included)</i>
H20HTU	<i>Universal Adapter Faceshield (Hard hat not included)</i>
H20HTFB	<i>Full Brim Adapter Faceshield (Hard hat not included)</i>
OSHA 1910.269	√
ASTM F2178	√
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	√ (Hard Hat)
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	20 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	√

12 CAL



20 CAL



KITHP12PV

12 CAL PUREVIEW™ FACESHIELD KIT

OSHA 1910.269	√
ASTM F2178	√
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	√ (Hard Hat)
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	12 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	√

KITHP20PV

20 CAL PUREVIEW™ FACESHIELD KIT

OSHA 1910.269	√
ASTM F2178	√
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	√ (Hard Hat)
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	20 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	√

FR & ARC-RATED HEAD PROTECTION

10 CAL



12 CAL



20 CAL



H16HAT10CALCAFS	<i>Slotted Adapter with Hard Hat (Shown)</i>
H16XX10CALCAFS	<i>Slotted Adapter Faceshield (Hard hat not included)</i>
H16XX10CALCAF	<i>Universal Adapter (Hard hat not included)</i>
H16XX10CALCAFUB	<i>Full Brim Adapter (Hard hat not included)</i>

H50HAT12CALCAFS	<i>Slotted Adapter with Hard Hat (Shown)</i>
H50XX12CALCAFS	<i>Slotted Adapter Faceshield (Hard hat not included)</i>
H50XX12CALCAF	<i>Universal Adapter (Hard hat not included)</i>
H50XX12CALCAFUB	<i>Full Brim Adapter (Hard hat not included)</i>

H20HAT20CALCAFS	<i>Slotted Adapter with Hard Hat (Shown)</i>
H20XX20CALCAFS	<i>Slotted Adapter Faceshield (Hard hat not included)</i>
H20XX20CALCAF	<i>Universal Adapter (Hard hat not included)</i>
H20XX20CALCAFUB	<i>Full Brim Adapter (Hard hat not included)</i>

OSHA 1910.269	✓
ASTM F2178	✓
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	✓ (Hard Hat)
NFPA 70E-2015	✓
CSA Z462-15	✓
ARC RATING	10 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓

OSHA 1910.269	✓
ASTM F2178	✓
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	✓ (Hard Hat)
NFPA 70E-2015	✓
CSA Z462-15	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓

OSHA 1910.269	✓
ASTM F2178	✓
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	✓ (Hard Hat)
NFPA 70E-2015	✓
CSA Z462-15	✓
ARC RATING	20 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓



KITHP
10 CAL FACESHIELD KIT

- Faceshield with hard hat & slotted adapter
- UltraSoft® Balaclava
- Safety glasses & faceshield bag

OSHA 1910.269	✓
ASTM F2178	✓
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	✓ (Hard Hat)
NFPA 70E-2015	✓
CSA Z462-15	✓
ARC RATING	10 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓



KITHP12
12 CAL FACESHIELD KIT

- Faceshield with hard hat & slotted adapter
- UltraSoft® Balaclava
- Safety glasses & faceshield bag

OSHA 1910.269	✓
ASTM F2178	✓
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	✓ (Hard Hat)
NFPA 70E-2015	✓
CSA Z462-15	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓

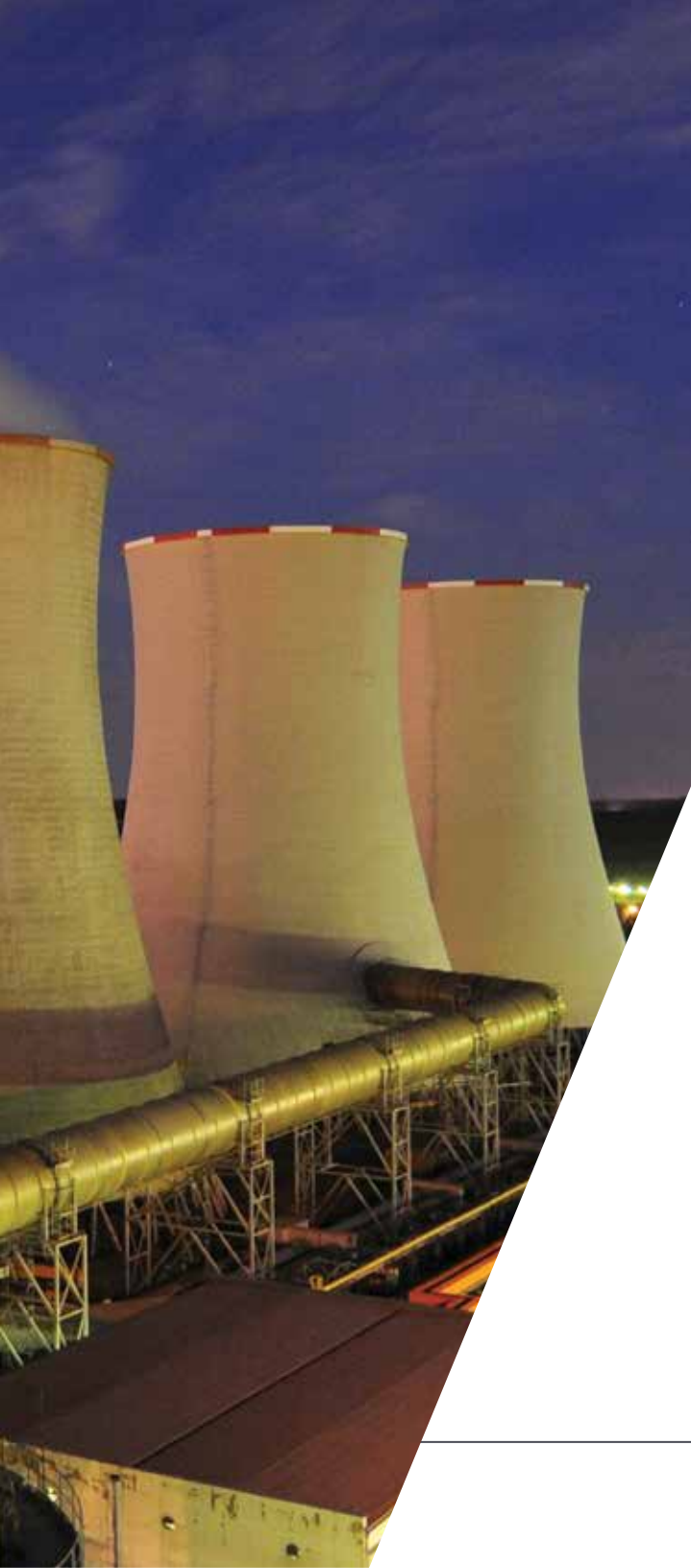


KITHP20
20 CAL FACESHIELD KIT

- Faceshield with hard hat & slotted adapter
- UltraSoft® Balaclava
- Safety glasses & faceshield bag

OSHA 1910.269	✓
ASTM F2178	✓
ANSI/ISEA Z87.1-2015	Impact Rated Z87+ (Faceshield)
ANSI/ISEA Z89.1-2014	✓ (Hard Hat)
NFPA 70E-2015	✓
CSA Z462-15	✓
ARC RATING	20 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	✓





ARC FLASH PPE & KITS

Hazard Risk Category (HRC) was a term used in NFPA 70E to refer to levels of protection required for various job applications. In the updated 2015 edition of NFPA 70E, this term has changed to category (CAT). Regardless of the term you use, our arc flash garments are arc-rated and labeled internally and externally with that arc rating.

ARC FLASH PPE	REQUIRED MINIMUM
CAT LEVEL 1	4 cal/cm ²
CAT LEVEL 2	8 cal/cm ²
CAT LEVEL 3	25 cal/cm ²
CAT LEVEL 4	40 cal/cm ²

PERSONALIZE YOUR KIT

ADD BALACLAVA OR REMOVE GLOVES



KIT2CV08___PV

8 CAL ARCGUARD® ARC FLASH KIT WITH FR COVERALLS IN ULTRASOFT®

KIT2CV08___PV	8 cal Arc Flash Kit with FR Coveralls and Gloves
KIT2CV08NG__PV	8 cal Arc Flash Kit with FR Coveralls, no Gloves
KIT2CV08B___PV	8 cal Arc Flash Kit with FR Coveralls and Gloves, with Balaclava
KIT2CV08NGB__PV	8 cal Arc Flash Kit with FR Coveralls, no Gloves, with Balaclava

FEATURES:

- Action back
- Covered 2-Way zipper
- Flexible sewn-in elastic waist
- 6 Pocket style with side pass through access
- Leg openings made to fit over work boots

KIT INCLUDES:

- 7 oz. UltraSoft® Coverall
- Class 0 Rubber Voltage Gloves, 10" Leather Protectors and glove bag
- Faceshield unit, hard hat and faceshield bag
- Safety glasses
- Standard size gear bag

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
ARC RATING	8.7 cal/cm ²
CAT	2
SIZE	SM-3X/ 30" INSEAM
	MD-3X/ 32" INSEAM
GLOVE SIZE	8-12
STOCK	√

LOOKING FOR INDIVIDUAL COMPONENTS OF THE KIT?



C88UJ___



KITGCO__



KITHP12PV

LOOKING FOR INDIVIDUAL COMPONENTS OF THE KIT?



C88LI_ _ _ _



KITGCO_ _



KITHP12PV

8 CAL ARCGUARD® ARC FLASH KIT WITH FR COVERALLS IN DUPONT™ PROTERA®

KITCVPR08_ _ _ _ PV	8 cal Arc Flash Kit with FR Coveralls and Gloves
KITCVPR08NG_ _ PV	8 cal Arc Flash Kit with FR Coveralls, no Gloves
KITCVPR08B_ _ _ _ PV	8 cal Arc Flash Kit with FR Coveralls and Gloves, with Balaclava
KITCVPR08NGB_ _ PV	8 cal Arc Flash Kit with FR Coveralls, no Gloves, with Balaclava

FEATURES:

- Action back
- Covered 2-way zipper
- Flexible sewn-in elastic waist
- 6 Pocket style with side pass through access
- Leg openings made to fit over work boots

KIT INCLUDES:

- 6.5 oz. DuPont™ Protera® Coverall
- Class 0 Rubber Voltage Gloves, 10" Leather Protectors and glove bag
- Faceshield unit, hard hat and faceshield bag
- Safety glasses
- Standard size gear bag

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
ARC RATING	8 cal/cm ²
CAT	2
SIZE	MD-3X/ 32" INSEAM
GLOVE SIZE	8-12
STOCK	✓

PERSONALIZE YOUR KIT

ADD BALACLAVA OR REMOVE GLOVES



KIT2CVPR08_ _ _ _ PV

PERSONALIZE YOUR KIT

ADD BALACLAVA OR REMOVE GLOVES



KIT2CV11_ _ _ _ PV

12 CAL ARCGUARD® ARC FLASH KIT WITH FR COVERALL IN ULTRASOFT®

KIT2CV11_ _ _ _ PV	12 cal Arc Flash Kit with FR Coveralls and Gloves
KIT2CV11_ _ _ NGPV	12 cal Arc Flash Kit with FR Coveralls, no Gloves
KIT2CV11B_ _ _ _ PV	12 cal Arc Flash Kit with FR Coveralls and Gloves, with Balaclava
KIT2CV11B_ _ _ NGPV	12 cal Arc Flash Kit with FR Coveralls, no Gloves, with Balaclava

FEATURES:

- Action back
- Covered 2-Way zipper
- Flexible sewn-in elastic waist
- 6 Pocket style with side pass through access
- Leg openings made to fit over work boots

KIT INCLUDES:

- 9 oz. UltraSoft® Coverall
- Class 0 Rubber Voltage Gloves, 10" Leather Protectors and glove bag
- Faceshield unit, hard hat and faceshield bag
- Safety glasses
- Standard size gear bag

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X/ 30" INSEAM
	MD-3X/ 32" INSEAM
GLOVE SIZE	8-12
STOCK	✓

LOOKING FOR INDIVIDUAL COMPONENTS OF THE KIT?



C88UP_ _ _ _



KITGCO_ _



KITHP12PV

LOOKING FOR
INDIVIDUAL
COMPONENTS OF
THE KIT?



C04UP03__32



C45UP__32



KITGCO__



KITHP12PV

**12 CAL ARCGUARD® ARC FLASH KIT WITH SHORT COAT
& BIBS IN ULTRASOFT®**

KIT2SC11____PV	12 cal Arc Flash Kit with FR Coverall and Gloves
KIT2SC11__NGPV	12 cal Arc Flash Kit with FR Coverall and no Gloves
KIT2SC11B____PV	12 cal Arc Flash Kit with FR Coverall and Gloves, with Balaclava
KIT2SC11__NGPVB	12 cal Arc Flash Kit with FR Coverall and no Gloves, with Balaclava

FEATURES:

- FR hook & loop front closure
- Stand up collar for extra coverage
- Rib knit cuffs for comfortable, secure fit
- Garments embroidered with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- Expandable leg opening to fit over boots
- Hook & loop at side for easy access

KIT INCLUDES:

- 9 oz. UltraSoft® Coat and Bib
- Class 0 rubber voltage gloves, 10" leather protectors and glove bag
- Faceshield unit, hard hat and faceshield bag
- Safety glasses
- Standard size gear bag

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
ARC RATING	12 cal/cm ²
CAT	2
SIZE	SM-3X
GLOVE SIZE	8-12
STOCK	✓

* Upgrade to a 12 cal arc flash hood (H65UPHH)

ARC FLASH PPE & KITS

PERSONALIZE YOUR KIT

ADD BALACLAVA OR REMOVE GLOVES



KIT2SC11____PV

PERSONALIZE YOUR KIT

ADD BALACLAVA OR REMOVE GLOVES



KIT2SC20___PV

20 CAL ARCGUARD® ARC FLASH KIT WITH SHORT COAT & BIBS IN ULTRASOFT®

KIT2SC20___PV	20 cal Arc Flash Kit with FR Coverall and Gloves
KIT2SC20NG___PV	20 cal Arc Flash Kit with FR Coverall and no Gloves
KIT2SC20B___PV	20 cal Arc Flash Kit with FR Coverall and Gloves, with Balaclava
KIT2SC20NGB___PV	20 cal Arc Flash Kit with FR Coverall and no Gloves, with Balaclava

- FEATURES:**
- FR hook & loop front closure
 - Stand up collar for extra coverage
 - Rib knit cuffs for comfortable, secure fit
 - Garments embroidered with arc rating
 - Quick disconnect & adjustable shoulder straps on bib overalls
 - Expandable leg opening to fit over boots
 - Hook & loop at side for easy access

- KIT INCLUDES:**
- 13 oz. UltraSoft® Coat and Bib
 - Class 0 rubber voltage gloves, 10" leather protectors and glove bag
 - Faceshield unit, hard hat and faceshield bag
 - Safety glasses
 - Standard size gear bag

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
ARC RATING	20 cal/cm ²
CAT	2
SIZE	SM-3X
GLOVE SIZE	8-12
STOCK	✓

LOOKING FOR INDIVIDUAL COMPONENTS OF THE KIT?



C04UW03__32



C45UW__32



KITGCO__



KITHP20PV



KIT2NC__PVB

CAT 2 ARC FLASH ACCESSORY KIT WITH CLASS 0 GLOVES

KIT INCLUDES:

- Black Class 0 Rubber Voltage Gloves, leather protectors and glove bag (Max Use Voltage: 1000V AC / 1500V DC)
- 6.5 oz. UltraSoft® rib knit balaclava
- 12 cal PureView™ faceshield unit, hard hat and faceshield bag
- Safety glasses
- Large gear bag

OSHA 1910.269	√
ASTM F1506	√ (Balaclava only)
NFPA 70E	√
CSA Z462-15	√
ASTM F2178	√ (Faceshield only)
ASTM D120	√ (Voltage Gloves only)
ARC RATING	12 cal/cm ²
CAT	2
GLOVE SIZE	8-12
STOCK	√

H65UW20LFS

ARCGUARD® 20 CAL LIFT FRONT HOOD

- 13.5 oz. Navy UltraSoft®
- PureView™ Technology for proven color recognition
- Increased field of view
- Lift front shield allows wearer to obtain fresh air while out of the hazard risk zone
- Premium anti-fog scratch resistant coating

ASTM F2178	√
NFPA 70E	√
CSA Z462-15	√
ASTM F2178	√
ARC RATING	20 cal/cm ²
CAT	2
SIZE	One Size Fits Most
STOCK	√

PERSONALIZE YOUR KIT

UPGRADE YOUR HOOD OR REMOVE GLOVES



KIT3SC25_ _ _ _

25 CAL ARCGUARD® ARC FLASH KIT WITH SHORT COAT AND BIB OVERALLS IN ULTRASOFT®

KIT3SC25_ _ _ _

25 cal Arc Flash Kit with FR Coverall and Gloves

KIT3SC25NG_ _

25 cal Arc Flash Kit with FR Coverall and no Gloves

FEATURES:

- FR hook & loop front closure
- Stand up collar for extra coverage
- Rib knit cuffs for comfortable, secure fit
- Garments embroidered with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- Expandable leg opening to fit over boots
- Hook & loop at side for easy access

KIT INCLUDES:

- Double layer UltraSoft® Coat and Bib
- Class 2 rubber voltage gloves, 12" leather protectors and glove bag
- Faceshield unit, hard hat and faceshield bag
- Safety glasses
- Standard size gear bag

OSHA 1910.269	√
ASTM F1506	√
NFPA 70E	√
CSA Z462	√
ARC RATING	25 cal/cm ²
CAT	3
SIZE	SM-4X
GLOVE SIZE	8-12
MADE TO ORDER	

LOOKING FOR INDIVIDUAL COMPONENTS OF THE KIT?



C04UTUK25_ _32



C45UTUK25_ _32



KITGC2_ _



H65UTUKHH25HAT

6 NEED TO KNOW ARC FLASH TERMS

New to arc flash, or has it been a while since you've dealt with arc flash PPE? The industry and standards have evolved to include new terminology with the old. Use our quick primer to get up to speed on these top 6 arc flash terms.

Is HRC the same as CAT?

First, let's define these two acronyms:

HRC: Short for Hazard Risk Category. Before its elimination in the 2015 update to NFPA 70E, HRC was used when discussing the minimum level of protection in flame resistant clothing and arc flash clothing needed for a certain task.

CAT: Short for Category. The most common categories are CAT 2 and CAT 4, but CAT 1 and CAT 3 also exist. The arc rating of a garment determines which CAT.

Many FR and arc flash PPE companies have transitioned to using CAT to replace HRC. PPE Category levels are commonly used by those following NFPA 70E as a guide for the minimum level of protection needed for a certain task.

Is my FR clothing AR?

Make it simple: all AR garments are flame-resistant but not all FR garments are arc-rated.

What is the difference between ATPV and EBT in arc flash PPE?

Tip: Both Ebt and ATPV are considered equally protective. A fabric can have both an ATPV and Ebt rating but the lower of the two must be reported on the garment labeling.

ATPV – Stands for Arc Thermal Performance Value, a type of arc rating. Measures the incident energy that results in 50% probability of a 2nd degree burn. When someone refers to an arc rating for their arc flash PPE, they are often referring to the ATPV that a garment has achieved.

Ebt – Stands for Energy Break-open Threshold. A type of arc rating that measures the amount of incident energy resulting in 50% probability that the material will break open. Materials with an Ebt arc rating tend to offer more thermal protection but are not as strong as fabrics with an ATPV. Arc ratings that are Ebt are labeled as such.

Which arc flash CAT or ATPV is right for your job? A hazard assessment will help you determine that answer. Once you know, we're here to help! We've got a wide variety of arc flash PPE solutions that fit your needs at all CAT levels. Chat with us or contact us today at 800.553.0672 for more information.



PERSONALIZE YOUR KIT

UPGRADE YOUR HOOD OR REMOVE GLOVES



KIT4SCLT40_ _ _ _

40 CAL ARCGUARD® REVOLITE™ ARC FLASH KIT

KIT4SCLT40_ _ _ _	40 cal Revolite Arc Flash Kit with Gloves
KIT4SCLT40NG_ _	40 cal Revolite Arc Flash Kit without Gloves
KIT4SCLT40LF_ _ _ _	40 cal Revolite Arc Flash Kit with gloves and lift front hood
FEATURES:	
<ul style="list-style-type: none"> • 45% Lighter weight than our standard 40 cal kits • FR hook & loop front closure with drawstring waist • Stand up collar for extra coverage • Rib knit cuffs for comfortable, secure fit • Garments embroidered with arc rating • Quick disconnect & adjustable shoulder straps on bib overalls • Expandable leg opening to fit over boots 	
KIT INCLUDES:	
<ul style="list-style-type: none"> • ArcGuard® RevoLite™ Short Coat & Bib Overall • Class 2 Rubber Voltage Gloves, 12" leather protectors and glove bag • PureView™ faceshield with hood, hard hat and hood bag • Safety glasses • Large gear bag 	
OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	40 cal/cm ²
CAT	4
SIZE	SM-3X
GLOVE SIZE	8-12
STOCK	✓

* Upgrade to the CrossVent or Lift Front Arc Flash Hoods. See page 81.

LOOKING FOR INDIVIDUAL COMPONENTS OF THE KIT?



CO4NPQHLLTD_ _ _32



C45NPQHLLT_ _ _32



KITGC2_ _



H65NPQHHTPV



NP
Olive Green



H65NPQH40LF
REVOLITE™ CROSSVENT™ HOOD

- 45% Lighter weight than our standard 40 cal kits
- Anti-fog, scratch resistant faceshield
- Hard hat with slotted adapter included
- Fans powered by 9-volt batteries

OSHA 1910.269	√
ASTM F2178	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	40 cal/cm ²
HRC	4
SIZE	One Size Fits Most
STOCK	√

H65NPQH40LF
ARCGUARD® REVOLITE™ LIFT FRONT ARC FLASH HOOD

- Anti-fog, scratch resistant faceshield
- Hard hat with slotted adapter included
- PureView™ faceshield with hood and hard hat
- Lift front shield makes it easy to obtain fresh air while out of hazard zone
- Vents provide fresh air and increased auditory capabilities

OSHA 1910.269	√
ASTM F2178	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	40 cal/cm ²
CAT	4
SIZE	One Size Fits All
STOCK	√

HLITEKIT
HOOD FLASHLIGHT WITH MOUNTING CLIP

- For use with lift front hoods: H65NPQH40LFL + H65UQUQLFL
- Intrinsically safe light, Class 1 Div 1
- 60 Lumens
- Uses 2 AAA batteries (included)
- Push-button switch for easy one handed operation
- Light stays in place when shield is lifted
- Clips on right or left side

SIZE	One Size Fits All
STOCK	√

PERSONALIZE YOUR KIT

UPGRADE YOUR HOOD OR REMOVE GLOVES



KIT4SC40_ _ _ _

**40 CAL / CAT 4 ARCGUARD® COMPLIANCE™
ARC FLASH KIT**

KIT4SC40_ _ _ _	40 cal Compliance Arc Flash Kit with Gloves
KIT4SC40NG_ _	40 cal Compliance Arc Flash Kit without Gloves
KIT4SC40LF_ _ _ _	40 cal Compliance Arc Flash Kit with Gloves and lift front hood

FEATURES:

- FR hook & loop front closure
- Stand up collar for extra coverage
- Rib knit cuffs for comfortable, secure fit
- Garments embroidered with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- Expandable leg opening to fit over boots

KIT INCLUDES:

- ArcGuard® Compliance Short Coat & Bib Overall
- Class 2 Rubber Voltage Gloves, 12" leather protectors and glove bag
- PureView™ faceshield with hood, hard hat and hood bag
- Safety glasses
- Large gear bag

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	40 cal/cm ²
CAT	4
SIZE	SM-3X
GLOVE SIZE	8-12
STOCK	✓

* Upgrade to the CrossVent or Lift Front Arc Flash Hoods.
See page 83.

LOOKING FOR
INDIVIDUAL
COMPONENTS OF
THE KIT?



C04UQUQ40_ _32



C45UQUQ40_ _32



KITGC2_ _



H65UQUQ40HATPV



Westex
UltraSoft®



H65UQUQFAN40PV

ARCGUARD® COMPLIANCE™
CROSSVENT™ HOOD

- Premium anti-fog & scratch resistant coating on faceshield
- Hard hat included
- PureView™ faceshield with hood and hard hat
- Fans powered by 9-volt batteries

OSHA 1910.269	√
ASTM F2178	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	40 cal/cm ²
CAT	4
SIZE	One Size Fits All
STOCK	√

H65UQUQ40LF

ARCGUARD® COMPLIANCE™
LIFT FRONT ARC FLASH HOOD

- Premium anti-fog & scratch resistant coating on faceshield
- Hard hat included
- PureView™ faceshield with hood and hard hat
- Lift front shield makes it easy to obtain fresh air while out of hazard zone
- Vents provide fresh air and increased auditory capabilities

OSHA 1910.269	√
ASTM F2178	√
NFPA 70E	√
CSA Z462-15	√
ARC RATING	40 cal/cm ²
CAT	4
SIZE	One Size Fits All
STOCK	√

PREMIUM LIFT FRONT HOODS

Aside from their sleek design, there are a number of premium features that make our lift front hoods desirable additions to your arc flash PPE.

- Comfortable lift front shields that allow easy access to fresh air while outside of the hazard risk zone without removing the hood.
- Clearer views with PureView™ faceshields, which feature a highly transparent faceshield with proven color recognition benefits.
- Durable, premium anti-fog/scratch-resistant coating on the faceshields.

We're innovating for you at National Safety Apparel.

LOOKING FOR
INDIVIDUAL
COMPONENTS OF
THE KIT?



C043NNBQT55__32



C453NNBQT55__32



KITGC2__



H65NNBQT55

**55 CAL ARCGUARD® TECGEN CC™
ARC FLASH KIT**

KIT4SC55_ _ _ _	55 cal TECGEN CC Arc Flash Kit with Gloves
KIT4SC55NG_ _	55 cal TECGEN CC Arc Flash Kit without Gloves

FEATURES:

- 30% lighter than standard 40 cal kits
- FR hook & loop front closure
- Stand up collar for extra coverage
- Rib knit cuffs for comfortable, secure fit
- Garments embroidered with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- Expandable leg opening to fit over boots
- Hook & loop at side for easy access

KIT INCLUDES:

- 14.6 oz TECGEN CC® System Short Coat & Bib Overall
- Class 2 Rubber Voltage Gloves, 12" leather protectors and glove bag
- PureView Faceshield, hard hat and faceshield bag
- Safety glasses
- Standard size gear bag

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	55 cal/cm ²
CAT	4
SIZE	SM-3X
GLOVE SIZE	8-12
MADE TO ORDER	



KIT4SC55_ _ _ _



G51KDQT

65 CAL ARCGUARD® DUPONT NOMEX/ KEVLAR ARC FLASH

- 7 oz. DuPont™ Kevlar®
- FR fabric wont melt, drip or ignite
- Inherently flame resistant for FR protection that will NOT wash out

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	65 cal/cm ²
CAT	4
LENGTH	14"
STOCK	✓



G51KDQE

100 CAL FR ARCGUARD® DUPONT NOMEX/ KEVLAR ARC FLASH GLOVES

- 7 oz. DuPont™ Kevlar®
- Lined with needle punched DuPont Nomex felt
- Wide bell cuff

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	100 cal/cm ²
CAT	4
LENGTH	18"
STOCK	✓



KIT4SC65_ _ _ _

65 CAL ARCGUARD® ARC FLASH KIT

KIT4SC65_ _ _ _	<i>65 cal Arc Flash Kit</i>
FEATURES:	
<ul style="list-style-type: none"> • FR hook & loop front closure • Stand up collar for extra coverage • Garments embroidered with arc rating • Quick disconnect & adjustable shoulder straps on bib overalls • Expandable leg opening to fit over boots 	
KIT INCLUDES:	
<ul style="list-style-type: none"> • Short Coat & Bib Overall made from DuPont™ Nomex® & Kevlar® Blend • Class 2 Rubber Voltage Gloves, 12" leather protectors and glove bag • Arc flash hood with hard hat and hood bag • Safety glasses • Large gear bag 	
OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	65 cal/cm ²
CAT	4
SIZE	MD-2X
GLOVE SIZE	8-12
STOCK	✓

LOOKING FOR INDIVIDUAL COMPONENTS OF THE KIT?



C04KDQT03_ _32



C45KDQT_ _32



KITGC2_ _



H65KDQTHH



LOOKING FOR
INDIVIDUAL
COMPONENTS OF
THE KIT?



C04KDQE03__32



C45KDQE__32



KITGC2__



H65KDQE100HAT

100 CAL ARCGUARD® ARC FLASH KIT

KIT4SC100__ _ _ _ 100 cal Arc Flash Kit

FEATURES:

- FR hook & loop front closure
- Stand up collar for extra coverage
- Rib knit cuffs for comfortable, secure fit
- Garments embroidered with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- Side slant pockets on bib overall
- Expandable leg opening to fit over boots
- Hook & loop at side of bib for easy access

KIT INCLUDES:

- Short Coat & Bib Overall made from DuPont™ Nomex® & Kevlar® Blend
- Total fabric weight 26.6 oz.
- Class 2 Rubber Voltage Gloves, 12" leather protectors and glove bag
- Arc flash hood with hard hat and hood bag
- Safety glasses
- Large gear bag

OSHA 1910.269	✓
ASTM F1506	✓
NFPA 70E	✓
CSA Z462-15	✓
ARC RATING	100 cal/cm ²
CAT	4
SIZE	MD-2X
GLOVE SIZE	8-12
STOCK	✓

DuPont™
Kevlar®

DuPont™
Nomex®

ARC FLASH PPE & KITS



KIT4SC100__ _ _ _





VOLTAGE RATED GLOVES & ACCESSORIES

Voltage Rated Gloves, also known as electrical insulating gloves and/or rubber insulating gloves, are a very important piece of PPE when working with electricity. This one piece of PPE must follow a specific initial test and retest schedule in order to maintain compliance.

Gloves must be put into use within 12 months of the test date stamped on the front of the glove. To provide maximum shelf life for use, our ArcGuard® rubber voltage gloves are in stock and newly tested. Once gloves are issued for use, they must be retested within 6 months of the date they were put into use. This cycle is continued for the life of the glove. To increase the life of rubber voltage gloves, it is a requirement to always wear leather glove protectors and follow the user instruction guide provided with each glove. For additional information, refer to ASTM F496.

We offer the three most common levels of protection in our ArcGuard® Rubber Voltage Gloves.

CLASS	MAX USE VOLTAGE AC/DC
00	500AC/750DC
0	1,000AC/1,500DC
2	17,000AC/25,500DC



DWH1100__ (Black)
 DWH1100__R (Red)
 DWH1100__Y (Yellow)

ARCGUARD® CLASS 00 RUBBER VOLTAGE GLOVES

- Electrically tested and marked with initial test date
- Must be put into use within 12 months of the test date
- Must be tested every 6 months after being put into service

NFPA 70E	√
CSA Z462-15	√
MAX VOLTAGE	500V AC/750V DC
ANSI/ASTM D120	Class 00, Type 1
SIZE	8-12
STOCK	√



DWH110__ (Black)
 DWH110__R (Red)
 DWH110__Y (Yellow)

ARCGUARD® CLASS 0 RUBBER VOLTAGE GLOVES

- Electrically tested and marked with initial test date
- Must be put into use within 12 months of the test date
- Must be tested every 6 months after being put into service

NFPA 70E	√
CSA Z462-15	√
MAX VOLTAGE	1,000V AC/1,500V DC
ANSI/ASTM D120	Class 0, Type 1
SIZE	8-12
STOCK	√



DWH142__ (Black)
 DWH142__R (Red)
 DWH142__Y (Yellow)

ARCGUARD® CLASS 2 RUBBER VOLTAGE GLOVES

- Electrically tested and marked with initial test date
- Must be put into use within 12 months of the test date
- Must be tested every 6 months after being put into service

NFPA 70E	√
CSA Z462-15	√
MAX VOLTAGE	17,000V AC/25,500V DC
ANSI/ASTM D120	Class 2, Type 1
SIZE	8-12
STOCK	√

RUBBER VOLTAGE GLOVES



KITGCO0__ (Black)
 KITGCO0__R (Red)
 KITGCO0__Y (Yellow)

ARCGUARD® CLASS 00 RUBBER VOLTAGE GLOVE KITS

- 1 Pair Class 00 Rubber Voltage Gloves
- 10" Leather Protectors
- Glove Bag

NFPA 70E	√
CSA Z462-15	√
MAX VOLTAGE	500V AC/750V DC
ANSI/ASTM D120	Class 00, Type 1
SIZE	8-12
STOCK	√



KITGCO__ (Black)
 KITGCO__R (Red)
 KITGCO__Y (Yellow)

ARCGUARD® CLASS 0 RUBBER VOLTAGE GLOVE KITS

- 1 Pair Class 0 Rubber Voltage Gloves
- 10" Leather Protectors
- Glove Bag

NFPA 70E	√
CSA Z462-15	√
MAX VOLTAGE	1,000V AC/1,500V DC
ANSI/ASTM D120	Class 0, Type 1
SIZE	8-12
STOCK	√



KITGCO2__ (Black)
 KITGCO2__R (Red)
 KITGCO2__Y (Yellow)

ARCGUARD® CLASS 2 RUBBER VOLTAGE GLOVE KITS

- 1 Pair Class 2 Rubber Voltage Gloves
- 12" Leather Protectors
- Glove Bag

NFPA 70E	√
CSA Z462-15	√
MAX VOLTAGE	17,000V AC/25,500V DC
ANSI/ASTM D120	Class 2, Type 1
SIZE	8-12
STOCK	√

DWH10L__

10" LEATHER PROTECTORS



- Leather protectors are not required to have a date
- Use with Class 00 and 0 ArcGuard® Rubber Voltage Gloves (DWH1100__ & DWH110__ , sold separately)
- Always wear leather protectors over rubber voltage gloves

ASTM F696	✓
NFPA 70E-2012	✓
CSA Z462-15	✓
SIZE	8-12
STOCK	✓

DWH12L__

12" LEATHER PROTECTORS



- Leather protectors are not required to have a date
- Use with Class 2 ArcGuard® Rubber Voltage Gloves (DWH142__ , sold separately)
- Always wear leather protectors over rubber voltage gloves

ASTM F696	✓
NFPA 70E-2012	✓
CSA Z462-15	✓
SIZE	8-12
STOCK	✓



G16RG__

ARCGUARD® FR KNIT GLOVE

- 6.5 oz. UltraSoft® FR Rib Knit
- Double layer rib knit cuff
- Single glove layer
- Stretches to allow for flexibility & dexterity
- Can be used as a liner for voltage gloves for added comfort & protection

ASTM F1506-10a	✓
NFPA 70E-2012	✓
CSA Z462-15	✓
ARC RATING	12 cal/cm ²
CAT LEVEL	2
SIZE	RG (Regular), LG (Large)
STOCK	✓

KITGC___AG

ARCGUARD® PREMIUM GLOVE KIT



- Kit includes ArcGuard® Rubber Voltage Gloves, ArcGuard® FR Knit Glove, Leather Protector, & Glove Bag
- Rubber Voltage Gloves are electrically tested & marked with initial test date
- ArcGuard® FR Knit Glove can be used as a liner for voltage gloves

ASTM F1506-10a	✓
NFPA 70E-2012	✓
CSA Z462-15	✓
SIZE	8-12
STOCK	✓

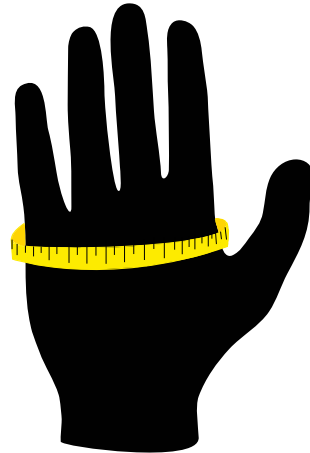
*Available in Class 0, 00, and 2

SIZING & STORAGE

FOR ARCGUARD® RUBBER VOLTAGE GLOVES

Selecting the Correct Size

National Safety Apparel® offers our ArcGuard® Rubber Voltage Gloves in sizes ranging from 8 to 12. To make sure you are ordering the correct glove size, measure the circumference around your palm (see illustration). If you are in between sizes, we recommend ordering the larger size.



The Correct Way to Store Your Gloves

To ensure gloves are safely stored:

- Keep out of high heat areas
- Avoid high moisture areas
- Don't place in direct sunlight
- Keep out of contact with any chemical substance
- Store them flat
- Do not fold the gloves

IMPORTANT INFORMATION

TESTING AND RETESTING

- Gloves must be put into use within one year of test date
- If one year has passed since the gloves have been tested and they have not been open, they must be sent back for retesting
- Once gloves are issued for use, they must be retested within 6 months from the date they were distributed to employees.
- For additional information, refer to ASTM F496



After you scan the data matrix code you will receive quick & easy access to your gloves test report.



Use your phones QR Reader app to scan your gloves data matrix code.



FR Control™ / FR Control 2.0™ Tees (C51/C52)	
Size	Chest
SM	25" - 29"
MD	29" - 33"
LG	33" - 37"
XL	37" - 41"
2X	41" - 45"
3X	45" - 49"
4X	49" - 53"
5X	53" - 57"

NSA & TECGEN SELECT® Knit Shirts (C54)	
Size	Chest
SM	34" - 36"
MD	37" - 39"
LG	40" - 43"
XL	44" - 48"
2X	49" - 53"
3X	54" - 58"
4X	59" - 63"

DRIFIRE® Long Johns & Boxers	
Size	Waist
SM	28"
MD	31"
LG	34"
XL	37"
2X	40"
3X	43"

DRIFIRE® Knit Shirts		
Size	Fabric Type	Chest
SM	Lightweight	36"
	Performance	38.5"
MD	Lightweight	40"
	Performance	42.5"
LG	Lightweight	44"
	Performance	46.5"
XL	Lightweight	48"
	Performance	50.5"
2X	Lightweight	52"
	Performance	54.5"
3X	Lightweight	56"
	Performance	58.5"

* If your measurement is between sizes, it is recommended that the larger size be purchased.

NSA & DRIFIRE® Work Shirts (SHR-RG)			
Size	Chest	Center Back	Sleeve Length
SM	32" - 35"	31.375"	34.5"
MD	36" - 39"	31.875"	35.5"
LG	40" - 43"	32.375"	36.5"
XL	44" - 47"	32.875"	37.5"
2X	48" - 51"	33.375"	38.5"
3X	52" - 55"	33.875"	39.5"
4X	56" - 59"	34.125"	40.5"
5X	60" - 63"	34.625"	42.5"

TECGEN® Vented Shirt (SHR_TGV)			
Size	Chest	Center Back	Sleeve Length
SM	38" - 40"	32.5"	34.5"
MD	41" - 44"	33"	35"
LG	45" - 48"	33.5"	36"
XL	49" - 52"	34"	36.75"
2X	53" - 56"	34.5"	37.5"
3X	57" - 60"	35"	37.5"
4X	61" - 64"	35.5"	37.5"
5X	65" - 68"	36"	37.5"

TECGEN SELECT® Work Shirts				
Size	Chest	Sleeve Length		Center Back
SM	32" - 35"	Regular	33.75"	33.25"
		Long	37.25"	34.75"
MD	36" - 39"	Regular	35.25"	33.50"
		Long	37.25"	35"
LG	40" - 44"	Regular	35.75"	33.37"
		Long	37.75"	35.25"
XL	44" - 47"	Regular	36.25"	34"
		Long	37.75"	35.50"
2X	48" - 51"	Regular	36.25"	34.25"
		Long	37.75"	35.75"
3X	52" - 54"	Regular	36.75"	34.50"
		Long	37.75"	36"
4X	55" - 57"	Regular	36.75"	34.75"
		Long	37.75"	36.25"
5X	58" - 60"	Regular	38.5"	35"
		Long	39.5"	36.50"

HOW TO MEASURE

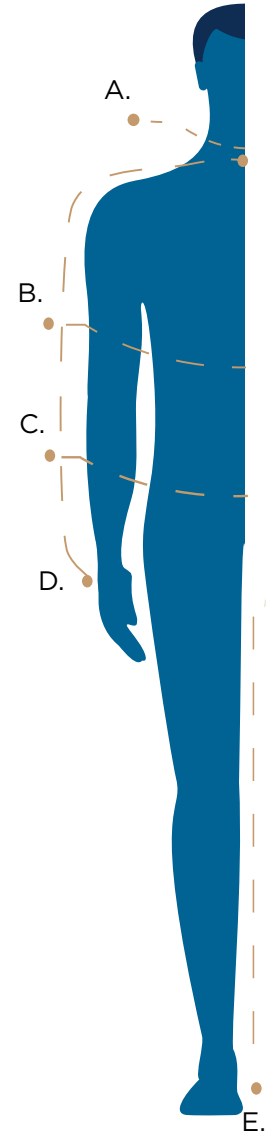
A. NECK
A. Measure around the base of the neck, where your collar typically lies. Measure from one button hole to the center of the button on the opposite side.

B. CHEST
B. Measure around the fullest part of your chest. The best way to assess this is to start just under your armpit.

C. WAIST
C. For pants: Measure around your waist where you would like you pants waistband to sit. **For tops & full body garments:** Measure the fullest part of your waist.

D. SLEEVE
D. To measure your sleeve, start from the center of the back of your neck, over to your shoulder, down past your elbow, and to your wrist.

E. INSEAM
E. Use a pair of pants similar to the style you are ordering, which fit to your liking, Measure along the inseam from the crotch to the hem.



NSA & TECGEN® Sweatshirts (C21)	
Size	Chest
SM	32" - 36"
MD	36" - 40"
LG	40" - 44"
XL	44" - 48"
2X	48" - 52"
3X	52" - 56"
4X	56" - 60"

DRIFIRE® Sweatshirts	
Size	Chest
SM	28" - 32"
MD	32" - 36"
LG	36" - 40"
XL	40" - 44"
2X	44" - 48"
3X	48" - 52"
4X	52" - 56"

NSA Coverall (C88)		
Size	Chest	Waist
SM	30" - 34"	28" - 32"
MD	34" - 38"	32" - 34"
LG	38" - 42"	34" - 38"
XL	42" - 46"	38" - 42"
2X	46" - 50"	42" - 46"
3X	50" - 54"	46" - 50"
4X	54" - 58"	50" - 54"
5X	58" - 62"	54" - 58"

DRIFIRE® 4.4™ Coverall			
Size	Chest	Inseam Length	
SM	30" - 34"	Regular	31"
		Tall	33"
MD	34" - 38"	Regular	31"
		Tall	33"
LG	38" - 42"	Regular	31"
		Tall	33"
XL	42" - 46"	Regular	31"
		Tall	33"
2X	46" - 50"	Regular	31"
		Tall	33"
3X	50" - 54"	Regular	31"
		Tall	33"
4X	54" - 58"	Regular	31"
		Tall	33"
5X	58" - 62"	Regular	31"
		Tall	33"

TECGEN SELECT® Coverall				
Size	Chest	Sleeve Length		Inseam
SM	36" - 38"	Regular	35"	31"
		Long	36"	33"
MD	40" - 42"	Regular	35.5"	31"
		Long	36.5"	33"
LG	44" - 46"	Regular	36"	31"
		Long	37"	33"
XL	48" - 50"	Regular	36.5"	31"
		Long	37.5"	33"
2X	52"-54"	Regular	37"	31"
		Long	38"	33"
3X	56" - 58"	Regular	37.5"	31"
		Long	38.5"	33"
4X	60" -62"	Regular	38"	31"
		Long	39"	33"
5X	64" -66"	Regular	38.5"	31"
		Long	39.5"	33"

* If your measurement is between sizes, it is recommended that the larger size be purchased.

HOW TO MEASURE

Women's NSA Sports Bra	
Size	Existing Bra Size
SM	32 - 34 A/B
MD	34 - 36 B/C
LG	36 - 38 C/D
XL	38 - 40 D/DD
2X	40 D/DD

Women's DRIFIRE® Sports Bra				
Size	Existing Bra Size			
SM	32B	32C	34A	34B
MD	32D	34C	36A	36B
LG	34D	36C	38A	38B
XL	36D	38C	38D	
2X	40D	40C	42C	
3X	42D	42C		

Women's DRIFIRE® Boy Shorts		
Size	Hips	Waist
SM	30" - 32"	22" - 24"
MD	32" - 34"	24" - 26"
LG	34" - 36"	26" - 28"
XL	36" - 38"	28" - 30"
2X	38" - 40"	30" - 32"
3X	40" - 44"	32" - 35"

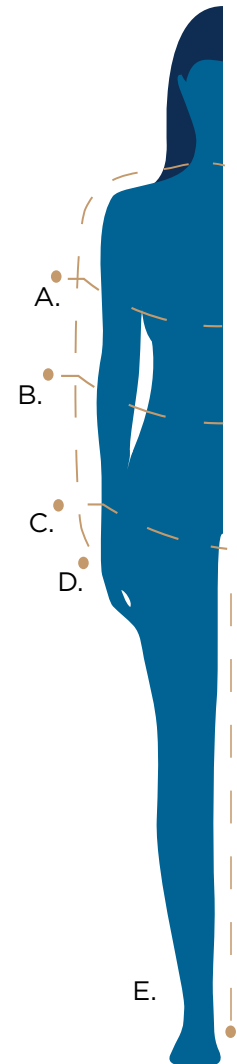
BUST
A. Measure loosely around the fullest part of your bust. Keep the measuring tape as horizontal as possible.

WAIST
B. **For pants:** Measure around your waist where you would like your pants waistband to sit.
For tops & full body garments: Measure the fullest part of your waist.

HIP
C. Measure loosely around the fullest part of your hips. Keep the measuring tape as horizontal as possible.

SLEEVE
D. To measure your sleeve, start from the center of the back of your neck, over to your shoulder, down past your elbow, and to your wrist.

INSEAM
E. Use a pair of pants similar to the style you are ordering, which fit to your liking. Measure along the inseam from the crotch to the hem.



WOMEN'S SHIRTS

Women's DRIFIRE® Knit Shirts		
Size	Chest	Waist
XS	30" - 34"	26" - 30"
SM	34" - 38"	30" - 34"
MD	38" - 42"	34" - 38"
LG	42" - 46"	38" - 42"
XL	46" - 50"	42" - 46"
2X	50" - 54"	46" - 50"
3X	54" - 58"	50" - 54"

Women's TECGEN SELECT® Work Shirts		
Size	Chest	Sleeve Length
SM	33" - 35"	30"
MD	36" - 38"	31"
LG	39" - 41"	32"
XL	42" - 44"	33"
2X	46" - 48"	33.5"
3X	49" - 51"	34"

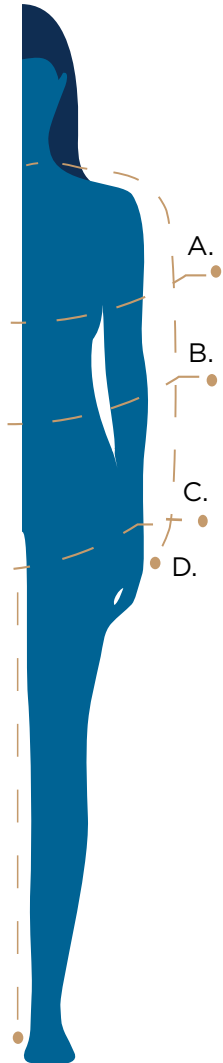
Women's NSA Knit Shirts (C54-W)		
Size	Chest	Sleeve Length
XS	30" - 32"	30.5"
SM	34" - 36"	31.5"
MD	38" - 40"	32.5"
LG	42" - 44"	34.5"
XL	46" - 48"	35.5"
2X	50" - 52"	36.5"
3X	54" - 56"	37.5"

Women's NSA Work Shirts (SHR-W)			
Size	Chest	Waist	Sleeve Length
XS	30" - 32"	25" - 26"	30"
SM	33" - 34"	27" - 28"	31"
MD	35" - 37"	29" - 30"	32"
LG	38" - 41"	31" - 32"	33"
XL	42" - 44"	34" - 36"	34"
2X	46" - 48"	38" - 40"	35"
3X	50" - 52"	42" - 44"	36"

Women's NSA Sweatshirts (C21-W)		
Size	Chest	Sleeve Length
XS	30" - 32"	32"
SM	34" - 36"	32"
MD	38" - 40"	32"
LG	42" - 44"	33"
XL	46" - 48"	34"
2X	50" - 52"	35"
3X	54" - 56"	35"

* If your measurement is between sizes, it is recommended that the larger size be purchased.

HOW TO MEASURE



BUST

- A.** Measure loosely around the fullest part of your bust. Keep the measuring tape as horizontal as possible.

WAIST

- B.** **For pants:** Measure around your waist where you would like your pants waistband to sit.
For tops & full body garments: Measure the fullest part of your waist.

HIP

- C.** Measure loosely around the fullest part of your hips. Keep the measuring tape as horizontal as possible.

SLEEVE

- D.** To measure your sleeve, start from the center of the back of your neck, over to your shoulder, down past your elbow, and to your wrist.

INSEAM

- E.** Use a pair of pants similar to the style you are ordering, which fit to your liking. Measure along the inseam from the crotch to the hem.

Women's TECGEN SELECT® Coverall

Size	Chest	Sleeve Length	Inseam
SM	33" - 35"	Regular	33.5"
		Tall	36"
MD	36" - 38"	Regular	34.25"
		Tall	36.5"
LG	39" - 41"	Regular	35.75"
		Tall	37"
XL	42" - 44"	Regular	36.5"
		Tall	37.5"
2X	46" - 48"	Regular	37.25"
		Tall	38"
3X	49" - 51"	Regular	38"
		Tall	38.5"

Women's NSA Coverall (C88_W)

Size	Chest	Waist	Hip	Sleeve Length
SM	30" - 34"	24" - 28"	34" - 36"	33.25"
MD	34" - 38"	28" - 32"	36" - 38"	33.75"
LG	38" - 40"	32" - 36"	38" - 40"	34.25"
XL	40" - 44"	36" - 40"	44" - 46"	35"
2X	44" - 48"	40" - 44"	47" - 49"	35.75"

Arc Flash Coat (C04)		
Size	Chest	Sleeve Length
SM	37" - 41"	36"
MD	40" - 44"	37"
LG	43" - 47"	38"
XL	46" - 50"	39"
2X	49" - 53"	40"
3X	52" - 56"	40"
4X	55" - 59"	41"

NSA Parka (C18)		
Size	Chest	Waist
SM	34" - 36"	31" - 33"
MD	37" - 39"	34" - 36"
LG	40" - 44"	37" - 40"
XL	45" - 48"	41" - 44"
2X	49" - 52"	45" - 48"
3X	53" - 56"	49" - 52"
4X	57" - 60"	53" - 56"
5X	61" - 64"	57" - 60"

Lab Coat (C09)		
Size	Chest	Sleeve Length
SM	27" - 31"	34"
MD	31" - 35"	34.5"
LG	35" - 39"	35"
XL	39" - 43"	35.5"
2X	45" - 46"	36"
3X	46" - 50"	36.5"

NSA Bomber (C34)		
Size	Chest	Waist
SM	32" - 35"	33" - 35"
MD	36" - 39"	36" - 38"
LG	40" - 46"	39" - 41"
XL	47" - 50"	42" - 45"
2X	51" - 54"	46" - 49"
3X	55" - 58"	50" - 53"
4X	59" - 62"	54" - 57"

Arc Flash Bib Overall (C45)		
Size	Chest	Waist
SM	31" - 34"	33" - 35"
MD	34" - 37"	36" - 38"
LG	37" - 40"	39" - 41"
XL	40" - 44"	42" - 45"
2X	44" - 48"	46" - 49"
3X	48" - 52"	50" - 53"
4X	52" - 56"	54" - 57"

Arc Flash Legging (L05)	
Size	Calf
LG	14" - 16"
XL	16" - 18"
2X	18" - 20"
3X	20" - 22"
4X	22" - 24"

* If your measurement is between sizes, it is recommended that the larger size be purchased.

HOW TO MEASURE

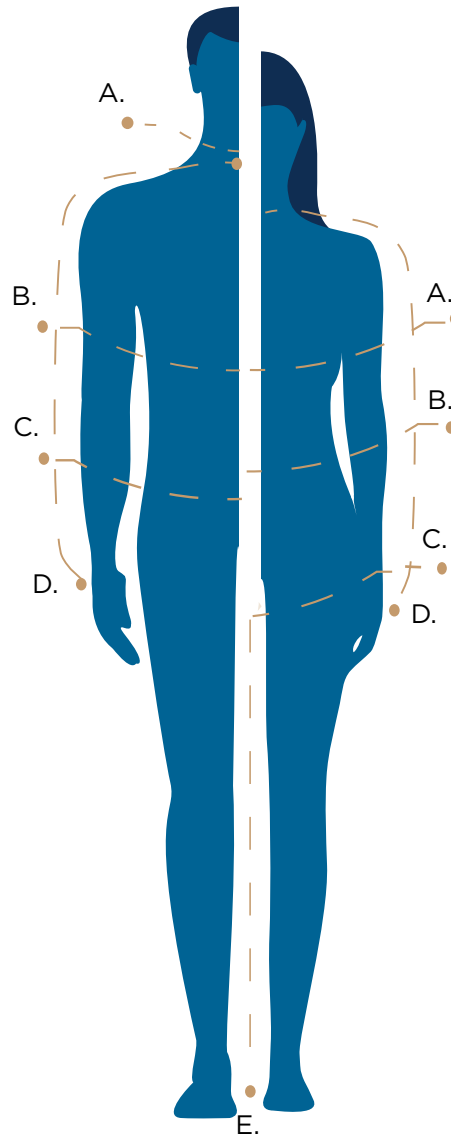
A. NECK
A. Measure around the base of the neck, where your collar typically lies. Measure from one button hole to the center of the button on the opposite side.

B. CHEST
B. Measure around the fullest part of your chest. The best way to assess this is to start just under your armpit.

C. WAIST
C. **For pants:** Measure around your waist where you would like your pants waistband to sit. **For tops & full body garments:** Measure the fullest part of your waist.

D. SLEEVE
D. To measure your sleeve, start from the center of the back of your neck, over to your shoulder, down past your elbow, and to your wrist.

E. INSEAM
E. Use a pair of pants similar to the style you are ordering, which fit to your liking, Measure along the inseam from the crotch to the hem.



BUST
A. Measure loosely around the fullest part of your bust. Keep the measuring tape as horizontal as possible.

WAIST
B. **For pants:** Measure around your waist where you would like your pants waistband to sit. **For tops & full body garments:** Measure the fullest part of your waist.

HIP
C. Measure loosely around the fullest part of your hips. Keep the measuring tape as horizontal as possible.

SLEEVE
D. To measure your sleeve, start from the center of the back of your neck, over to your shoulder, down past your elbow, and to your wrist.

INSEAM
E. Use a pair of pants similar to the style you are ordering, which fit to your liking, Measure along the inseam from the crotch to the hem.

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H20HTU	66	H65UQUQFAN40PV	83	KIT3SC25_____	78	PNTB2SD__X__	30	TSPUP__	56
H20XX20CALCAF	68	H65UTUKHH25HAT	78	KIT4SC100_____	87	PNTD6JTR__X__	29	U51FRSR__	7
H20XX20CALCAFS	68	H65UW20LFS	77	KIT4SC40_____	82	PNTDYJW__X__	45	U52_KSRLS__	6
H20XX20CALCAFUB	68	H74FL10	53	KIT4SC55_____	84	PNTJGJ__X__	30		

NOT FINDING WHAT YOU NEED?

Look no further, we are the custom PPE solution source. With our in house design capabilities and our cut and sew manufacturing located under one roof in Cleveland, Ohio, we can easily build a custom piece of PPE from start to finish. Adding a company logo, employee name, or patch to one of our standard garments is simple with our in house embellishment team. Reflective trim, extra pockets, and color blocking are just few of the common customization requests we receive from customers. The removal of pockets and garment features to create a custom garment is an easy and simple process. We are proud to be flexible and offer fully custom or simply customized garments to our customers.

**All products on this page are custom, made-to-order garments. If you can't find a product to meet your specific hazard and work environment needs, contact customerservice@thinkNSA.com today and we will be happy to assist you in mitigating the hazard.*





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