



## 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 selection of products every day. 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 adept to address your needs, questions, and requests. Since 1935, workers across the country have relied on NSA's safety apparel and quality craftsmanship.

#### **HEADQUARTERS**

Proudly manufacturing in the USA 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 fulfil your safety apparel needs.

#### ISO CERTIFIED

NSA is certified to ISO 9001:2008 with design.

#### FABRIC CHOICES

NSA carries a variety of options to give you the fabric choices that you are looking for. Choose from multiple colors, weights, and styles.

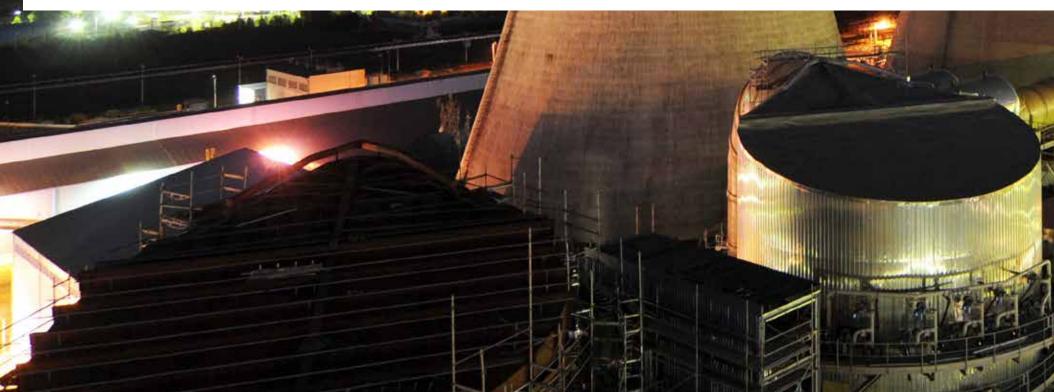
#### **CUSTOMIZATION**

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

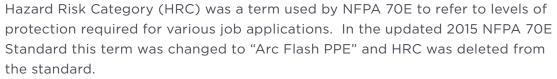
WHY NSA?



# ARC FLASH GARMENTS & KITS







One thing that hasn't changed is National Safety Apparel's use of HRC for flame resistant garments. We will continue to use this familiar term to assist our customers with quickly identifying what level of protection our clothing meets.

ARC FLASH PPE	REQUIRED MINIMUM
HRC LEVEL 1	4 cal/cm²
HRC LEVEL 2	8 cal/cm²
HRC LEVEL 3	25 cal/cm²
HRC LEVEL 4	40 cal/cm²



#### CARBONCOMFORT™ COVERALLS

SPXDWCA02\_\_\_\_

- 6 oz. Spentex NGI Twill
- Action back allows for full range of motion
- Covered FR zip front for easy entry
- Comfortable sewn-in elastic waist
- Two front pockets with flap & hidden closures
- Leg openings made to fit over work boots
- Also available in tan (TN), navy (NB), & royal blue (RB) (PG. ##)

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	9.3 cal/cm <sup>2</sup>
HRC	2
SIZE	SM-4X / RG
SIZE	MD-4X / LN



#### PROTERA® FR COVERALL

C88LI\_\_\_\_

- 6.5 oz. DuPont™ Protera®
- Action back allows for full range of motion
- Covered FR zip front for easy entry
- Comfortable sewn-in elastic waist
- Two front pockets with flap & hidden closures
- Leg openings made to fit over work boots
- Inherently flame resistant

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\checkmark$
NFPA 70E-2015	$\checkmark$
CSA Z462-15	$\sqrt{}$
NFPA 2112-2012	$\sqrt{}$
ARC RATING	8.5 cal/cm <sup>2</sup>
HRC	2
SIZE	SM-3X / INSEAM 30"
SIZE	MD-4X / INSEAM 32"



#### ULTRASOFT® FR COVERALL

C88UJ\_\_\_\_

- 7 oz. UltraSoft®
- Action back allows for full range of motion
- Covered FR zip front for easy entry
- Comfortable sewn-in elastic waist
- Two front pockets with flap & hidden closures
- Leg openings made to fit over work boots

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
NFPA 2112-2012	$\sqrt{}$
ARC RATING	8 cal/cm <sup>2</sup>
HRC	2
SIZE	SM-3X / INSEAM 30"
SIZE	MD-4X / INSEAM 32"



#### ULTRASOFT® FR COVERALL

C88UP\_\_\_\_

- 9 oz. UltraSoft®
- Action back allows for full range of motion
- Covered FR zip front for easy entry
- Comfortable sewn-in elastic waist
- Two front pockets with flap & hidden closures
- Leg openings made to fit over work boots

OSHA 1910.269	$\checkmark$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\checkmark$
CSA Z462-15	$\checkmark$
NFPA 2112-2012	$\checkmark$
ARC RATING	12 cal/cm <sup>2</sup>
HRC	2
SIZE	SM-3X / INSEAM 30"
SIZE	SM-4X / INSEAM 32"





#### ULTRASOFT® FR SHORT COAT

CO4UPO3\_\_32

- 9 oz. UltraSoft®
- Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	12 cal/cm <sup>2</sup>
HRC	2
SIZE	SM - 4X
LENGTH	32"



#### ULTRASOFT® FR BIB OVERALL

C45UP\_\_32

- 9 oz. UltraSoft®
- Quick disconnect & adjustable shoulder straps
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	12 cal/cm <sup>2</sup>
HRC	2
SIZE	SM - 4X



C04UP03\_\_49



- Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	12 cal/cm <sup>2</sup>
HRC	2
SIZE	SM - 4X
LENGTH	49"



#### *ULTRASOFT® FR LEGGINGS*

LO5UP\_\_

- 9 oz. UltraSoft®
- FR Hook & loop closure
- Single layer legging with flap
- For use with 12 cal/cm<sup>2</sup> FR long coat (CO4UPO3\_\_49 - SOLD SEPARATELY)

OSHA 1910.269	√
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	12 cal/cm <sup>2</sup>
HRC	2
SIZE	LG - 2X
LENGTH	14"



Small M

M D Medium LG Large XL X-Large

, | |

**3 X** 3X-Large **4X** 4X-Large \_ \_ = SIZE

## COMPLIANCE™ SHORT COAT

C04UQUQ40\_\_32



- Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm²
HRC	4
SIZE	SM - 4X
LENGTH	32"



#### COMPLIANCE™ BIB OVERALL

C45UQUQ40\_\_32

- 9 oz. Double layer UltraSoft®
- Quick disconnect & adjustable shoulder straps
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets

OSHA 1910.269	√
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4
SIZE	SM - 4X



C04UQUQ40\_\_49



- Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm²
HRC	4
SIZE	SM - 4X
LENGTH	49"



#### COMPLIANCE™ SHORT COAT

C04UQUQ40Z\_\_32

- 9 oz. Double layer UltraSoft®
- Generous fit for ease of movement
- FR Zip front closure
- Stand up collar
- Rib knit cuffs

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4
SIZE	SM - 4X
LENGTH	32"





#### COMPLIANCE™ HOOD

#### H65UQUQHH40

- 9 oz. Double layer UltraSoft®
- Anti-fog faceshield
- Universal adapter to attach to most standard hard hats

OSHA 1910.269	√
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	√
ARC RATING	40 cal/cm²
HRC	4



#### COMPLIANCE™ CROSSVENT™ HOOD H65UQUQFAN40

- 9 oz. Double layer UltraSoft®
- Anti-fog faceshield
- Hard hat with slotted adapter included
- Fans powered by 9-volt batteries

OSHA 1910.269	√
ASTM F2178	$\checkmark$
NFPA 70E-2015	$\checkmark$
CSA Z462-15	$\checkmark$
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4

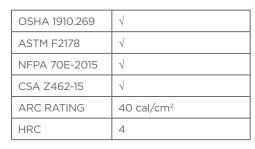


#### H65UQUQ40HAT



- · Anti-fog faceshield
- Hard hat with slotted adapter included







#### COMPLIANCE™ LEGGINGS

L05UQUQ40\_\_

- 9 oz. Double layer UltraSoft®
- FR Hook & loop closure
- Single layer legging with flap
- For use with 40 cal FR long coat (C04UQUQ40\_\_49 - SOLD SEPARATELY)

OSHA 1910.269	$\checkmark$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\checkmark$
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4
SIZE	LG - 2X
LENGTH	14"

SM Small

MD Medium

LG Large XL

X-Large

2 X 2X-Large

3 X 3X-Large

4 X 4X-Large \_ \_ = SIZE

#### ECONOMY SHORT COAT

CO7HKHKEC\_\_32

- 9 oz. Double Layer 88% Cotton/12% Nylon
- Generous fit for ease of movement
- FR Hook & loop front closure
- FR Hook & loop closure at wrists
- Fold down collar

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	√
CSA Z462-15	V
ARC RATING	40 cal/cm²
HRC	4
SIZE	SM - 4X
LENGTH	32"



#### ECONOMY HOOD

H65HKHKHHEC

- 9 oz. Double Layer 88% Cotton/12% Nylon
- Anti-fog faceshield
- Universal adapter to attach to most standard hard hats

OSHA 1910.269	$\sqrt{}$
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm²
HRC	4



#### ECONOMY BIB OVERALL

C45HKHKEC\_\_32

- 9 oz. Double layer 88% Cotton/12% Nylon
- Quick disconnect & adjustable shoulder straps
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets

OSHA 1910.269	$\checkmark$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\checkmark$
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4
SIZE	SM - 4X

#### ECONOMY HOOD

H65HKHKHATEC

- 9 oz. Double Layer 88% Cotton/12% Nylon
- · Anti-fog faceshield
- Hard hat with slotted adapter included

OSHA 1910.269	V
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	√
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4



S M Small

M D Medium

LG Large

XLX-Large

2 X 2X-Large

3 X 3X-Large

4X-Large

4 X

\_ \_ = SIZE





REVOLITE™ SHORT COAT

CO4NPQHLTD\_\_32

- 50% Lighter weight than standard 40 cal garment options
- FR Hook & loop front closure
- Stand up collar lined with anti-microbial fabric
- Adjustable drawstring with cord locks
- FR Knit wrists



REVOLITE™ BIB OVERALL

C45NPQHLT\_\_32

- 50% Lighter weight than standard 40 cal garment options
- Quick disconnect & adjustable shoulder straps
- $\bullet$  Gusset at each leg with hook & loop closure
- FR Hook & loop fly closure
- Pass through pockets

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	√
ARC RATING	42 cal/cm <sup>2</sup>
HRC	4
SIZE	SM - 4X



#### *REVOLITE™ HOOD*

H65NPQHHATLT

- 50% Lighter weight than standard 40 cal garment options
- Anti-fog faceshield
- Hard hat with slotted adapter included

OSHA 1910.269	√
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	42 cal/cm²
HRC	4



#### REVOLITE™ CROSSVENT™ HOOD

H65NPQHFANLT

- 50% Lighter weight than standard 40 cal garment options
- Anti-fog faceshield
- Hard hat with slotted adapter included
- Fans powered by 9-volt batteries

OSHA 1910.269	$\sqrt{}$
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	42 cal/cm²
HRC	4



#### PROTERA® SHORT COAT

C04LIQT40\_\_32

- 6.5 oz. DuPont™ Protera®
- · Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4
SIZE	SM - 4X

#### PROTERA® BIB OVERALL

C45LIQT40\_\_32



- Quick disconnect & adjustable shoulder straps
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets

	•
OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4
SIZE	SM - 4X

## **DID YOU KNOW...**

Many of our arc flash garments are available in convenient kits as well. For example, we offer our DuPont™ Protera® products in a 40 cal ArcGuard® Arc Flash Kit. This kit has the option of coming with gloves (KIT4SCPR40\_\_\_\_) or without gloves (KIT4SCPR40NG\_\_). All packaged in one convenient gear bag that is ready to be staged near hazards requiring 40 cal protection or to simply grab and go. Make safety simple and get your kits today!



KIT4SCPR40\_\_\_\_



#### PROTERA® HOOD

#### H65LIQTHH40

- 6.5 oz. DuPont™ Protera®
- Anti-fog faceshield
- Universal adapter to attach to most standard hard hats

OSHA 1910.269	$\sqrt{}$
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm²
HRC	4



#### PROTERA® CROSSVENT™ HOOD

H65LIQTFAN40

- 6.5 oz. DuPont™ Protera®
- Anti-fog faceshield
- Hard hat with slotted adapter included
- Fans powered by 9-volt batteries

OSHA 1910.269	√
ASTM F2178	$\checkmark$
NFPA 70E-2015	$\checkmark$
CSA Z462-15	$\checkmark$
ARC RATING	40 cal/cm²
HRC	4



#### PROTERA® HOOD

H65LIQT40HAT

- 6.5 oz. DuPont™ Protera®
- Anti-fog faceshield
- Hard hat with slotted adapter included

OSHA 1910.269	$\sqrt{}$
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	40 cal/cm <sup>2</sup>
HRC	4

#### NOMEX®/KEVLAR® SHORT COAT

C04KDQT03\_\_32

- Multilayer DuPont™ Nomex®/Kevlar®
- Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	√
ARC RATING	65 cal/cm <sup>2</sup>
HRC	4
SIZE	LG - 2X
LENGTH	32"



#### NOMEX®/KEVLAR® BIB OVERALL

C45KDQT\_\_32

- Multilayer DuPont™ Nomex®/Kevlar®
- Quick disconnect & adjustable shoulder straps
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets

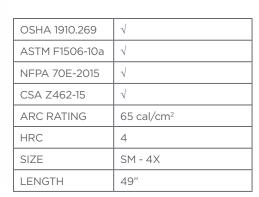
OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	65 cal/cm²
HRC	4
SIZE	LG - 2X

#### NOMEX®/KEVLAR® LONG COAT

C04KDQT03\_\_49



- Generous fit for ease of movement
- FR Hook & loop front closure
- T K HOOK & loop Hollt Cic
- Stand up collar
- Rib knit cuffs





#### NOMEX®/KEVLAR® LEGGINGS

L05KDQT\_\_

- Multilayer DuPont™ Nomex®/Kevlar®
- FR Hook & loop closure
- •Durable & lightweight
- Single layer legging with flap
- For use with 65 cal FR long coat
  (C04KDQT03\_\_49 SOLD SEPARATELY)

OSHA 1910.269	√
ASTM F1506-10a	$\checkmark$
NFPA 70E-2015	$\checkmark$
CSA Z462-15	$\checkmark$
ARC RATING	65 cal/cm <sup>2</sup>
HRC	4
SIZE	LG - 2X
LENGTH	14"





#### NOMEX®/KEVLAR® GLOVES

#### G51KDQT14

- Multilayer DuPont™ Nomex®/Kevlar®
- Inherently flame resistant
- FR Fabric will not melt, drip, or ignite
- Arc rated, NOT voltage rated

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	65 cal/cm²
HRC	4
Length	14"



#### NOMEX®/KEVLAR® HOOD

H65KDQT65HAT

- Multilayer DuPont™ Nomex®/Kevlar®
- Anti-fog faceshield
- Hard hat with slotted adapter included

OSHA 1910.269	$\checkmark$
ASTM F2178	$\checkmark$
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	65 cal/cm²
HRC	4



#### H65KDQTHH



- Anti-fog faceshield
- Universal adapter to attach to most standard hard hats

OSHA 1910.269	V
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	65 cal/cm <sup>2</sup>
HRC	4



#### NOMEX®/KEVLAR® CROSSVENT™ HOOD H65KDQTFAN

- Multilayer DuPont<sup>™</sup> Nomex<sup>®</sup>/Kevlar<sup>®</sup>
- · Anti-fog faceshield
- Hard hat with slotted adapter included
- Fans powered by 9-volt batteries

OSHA 1910.269	$\checkmark$
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\checkmark$
CSA Z462-15	$\checkmark$
ARC RATING	65 cal/cm²
HRC	4



MD Medium

LG Large

XLX-Large

2 X 2X-Large

3 X 3X-Large

4 X 4X-Large \_ \_ = SIZE



#### KEVLAR®/NOMEX® SHORT COAT

C04KDQE03\_ 32

- Multilayer DuPont™ Nomex®/Kevlar®
- Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs

OSHA 1910.269	V
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	100 cal/cm <sup>2</sup>
HRC	4
SIZE	LG - 2X
LENGTH	32"



#### KEVLAR®/NOMEX® BIB OVERALL

C45KDQE\_ \_32

- Multilayer DuPont™ Nomex®/Kevlar®
- Quick disconnect & adjustable shoulder straps
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	100 cal/cm <sup>2</sup>
HRC	4
SIZE	LG - 2X

#### KEVLAR®/NOMEX® GLOVES

- Multilayer DuPont<sup>™</sup> Nomex<sup>®</sup>/Kevlar<sup>®</sup>
- Inherently flame resistant
- FR Fabric will not melt, drip, or ignite
- Arc rated, NOT voltage rated

OSHA 1910.269	$\sqrt{}$
ASTM F1506-10a	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	100 cal/cm <sup>2</sup>
HRC	4
LENGTH	18"





#### KEVLAR®/NOMEX® HOOD

H65KDQE100HAT

- Multilayer DuPont<sup>™</sup> Nomex<sup>®</sup>/Kevlar<sup>®</sup>
- Anti-fog faceshield
- Hard hat with slotted adapter included

OSHA 1910.269	√
ASTM F2178	$\sqrt{}$
NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
ARC RATING	100 cal/cm <sup>2</sup>
HRC	4



S M Small

**M D** Medium **LG** Large **X L** X-Large **2** X 2X-Large **3 X** 3X-Large **4 X** 4X-Large

\_ \_ = SIZE



#### KEVLAR®/NOMEX® CROSSVENT™ HOOD H65KDQEFAN

- Multilayer DuPont™ Nomex®/Kevlar®
- Anti-fog faceshield
- Hard hat with slotted adapter included
- Fans powered by 9-volt batteries

OSHA 19 <mark>10.2</mark> 69	V
ASTM F2178	1
NFPA 70E-2015	<b>√</b>
CSA Z462-15	$\checkmark$
ARC RATING	100 cal/cm²
HRC	4



## **DID YOU KNOW...**

Our CrossVent™ hoods are powered by 9-volt batteries to decrease the weight of the hood. The fans provide a gentle and quiet breeze that keeps you cool. Fans on CrossVent™ hoods are attached with hook and loop and can be easily removed so the hood may be laundered. You also have the option of adding a light to the arc flash hoods to be able to view the job you are working on easier. Contact your regional sales manager or our customer service team today to learn more about the options that are available.

#### KIT OPTIONS:

- UltraSoft® Coverall
- UltraSoft® Balaclava
- Class O Rubber voltage gloves
- 10" Leather protectors
- Faceshield with chin cup
- Safety glasses
- Standard size gear bag
- Faceshield bag
- Glove bag

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	8 cal/cm²
HRC	2
SIZE	SM - 4X

NG = No gloves

B = Balaclava

NGB = No gloves, with balaclava



KIT2CV08\_\_



KIT2CV08B\_\_



KIT2CV08NG\_



KIT2CV08NGB\_



KIT2CVPR08



KIT2CVPR08B



KIT2CVPR08NG



KIT2CVPR08NGB\_

#### S M Small

XLX-Large

2 X 2X-Large

3 X 3X-Large

4 X 4X-Large

\_ \_ = SIZE

#### KIT OPTIONS:

- DuPont™ Protera® Coverall
- UltraSoft® Balaclava
- Class O Rubber voltage gloves
- 10" Leather protectors
- Faceshield with chin cup
- Safety glasses
- Standard size gear bag
- Faceshield bag
- Glove bag

OSHA 1910.269	√
ASTM F1506-10a	$\checkmark$
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	8.5 cal/cm²
HRC	2
SIZE	SM - 4X

NG = No gloves

B = Balaclava

NGB = No gloves, with balaclava

## ARCGUARD® ULTIMATE HRC 2 KIT OPTIONS:

- CARBONCOMFORT™ Coverall
- UltraSoft® Balaclava
- Class O Rubber voltage gloves
- 10" Leather protectors
- ArcGuard® Faceshield
- Safety glasses
- Standard size gear bag
- Faceshield bag
- Glove bag

#### **FEATURES**:

- Coverall available in Navy (NB),
  Grey (GE), Royal Blue (RB), &
  Tan (TN)
- Moisture wicking coverall
- Inherently FR coverall
- Attached see through chin cup
- Lightweight design
- Adjustable settings on the faceshield that allows it to be secured in various positions

OSHA 1910.269	$\checkmark$
ASTM F1506-10a	$\checkmark$
NFPA 70E-2015	$\checkmark$
CSA Z462-15	√
HRC	2
SIZE	SM - 4X

NG = No gloves B = Balaclava

# CARBONCOMFORT"







KIT08CV08CCB\_\_\_\_



KIT2CV08CCNG\_\_









KIT2CV11B\_



KIT2CV11NGB\_

S M M D Small Medium

LG Large

ΧL X-Large

2 X 2X-Large

3 X 3X-Large

4 X 4X-Large

\_ \_ = SIZE

#### KIT OPTIONS:

- UltraSoft® Coverall
- UltraSoft® Balaclava
- Class O Rubber voltage gloves
- 10" Leather protectors
- Faceshield with chin cup
- Safety glasses
- Standard size gear bag
- Faceshield bag
- Glove bag

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	12 cal/cm²
HRC	2
SIZE	SM - 4X

NG = No gloves

B = Balaclava

NGB = No gloves, with balaclava

- UltraSoft® Short Coat & Bib Overall
- Class O Rubber voltage gloves
- 10" Leather protectors
- Faceshield with chin cup
- Safety glasses
- Standard size gear bag
- Faceshield bag
- Glove bag

- Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs
- Garments labelled with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets on bib overalls

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	12 cal/cm²
HRC	2
SIZE	SM - 4X





- UltraSoft® Long Coat & Leggings
- Class O Rubber voltage gloves
- 10" Leather protectors
- Faceshield with chin cup
- Safety glasses
- Standard size gear bag
- Faceshield bag
- Glove bag

- Generous fit for ease of movement
- FR Hook & loop front closure
- Stand up collar
- Rib knit cuffs
- Garments labelled with arc rating
- Leggings have a hook & loop closure
- Single layer legging with flap

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	12 cal/cm²
HRC	2
SIZE	SM - 4X

#### KIT OPTIONS:

- Khaki Economy Short Coat & Bib Overall
- Class 2 Rubber voltage gloves
- 12" Leather protectors
- Faceshield with hood and hard hat
- Safety glasses
- Large gear bag
- Faceshield bag
- Glove bag

#### **FEATURES**:

- Generous fit for ease of movement
- FR Hook & loop front closure
- Garments labelled with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- FR Hook & loop fly closure
- FR Hook & loop leg closures

OSHA 1910.269	$\checkmark$
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	40 cal/cm²
HRC	4
SIZE	SM - 4X





KIT4SC40ECNG\_





KIT4SC40NG\_

#### KIT OPTIONS:

- Navy Compliance™ Short Coat & Bib Overall
- Class 2 Rubber voltage gloves
- 12" Leather protectors
- Faceshield with hood and hard hat
- Safety glasses
- Large gear bag
- Faceshield bag
- Glove bag

- Generous fit for ease of movement
- FR Hook & loop front closure
- Rib knit cuffs
- Garments labeled with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets on bib overalls

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	40 cal/cm²
HRC	4
SIZE	SM - 4X

#### KIT OPTIONS:

- Olive Green RevoLite<sup>™</sup> Short Coat
  & Bib Overall
- Class 2 Rubber voltage gloves
- 12" Leather protectors
- Faceshield with hood and hard hat
- Safety glasses
- Large gear bag
- Faceshield bag
- Glove bag

- 50% Lighter weight than standard
  40 cal options on the market
- Generous fit for ease of movement
- FR Hook & loop front closure
- Rib knit cuffs
- Garments labelled with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets on bib overalls

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	42 cal/cm²
HRC	4
SIZE	SM - 4X







KIT4SCLT40NG\_







KIT OPTIONS:

- Khaki DuPont™ Protera® Short Coat & Bib Overall
- Class 2 Rubber voltage gloves
- 12" Leather protectors
- Faceshield with hood and hard hat
- Safety glasses
- Large gear bag
- Faceshield bag
- Glove bag

- Generous fit for ease of movement
- FR Hook & loop front closure
- Rib knit cuffs
- Garments labelled with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets on bib

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	40 cal/cm²
HRC	4
SIZE	SM - 4X

- DuPont™ Nomex® & Kevlar®
  Short Coat & Bib Overall
- Class 2 Rubber voltage gloves
- 12" Leather glove protectors
- Faceshield with hood and hard hat
- Large gear bag
- Faceshield Bag
- Glove Bag

#### FEATURES:

- Generous fit for ease of movement
- FR Hook & loop front closure
- Rib knit cuffs
- Garments labelled with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets on bib overalls

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	65 cal/cm²
HRC	4
SIZE	SM - 4X



KIT4SC65\_



KIT4LC65

- DuPont™ Nomex® & Kevlar® Long Coat & Leggings
- Class 2 Rubber voltage gloves
- 12" Leather glove protectors
- Faceshield with hood and hard hat
- Large gear bag
- Faceshield Bag
- Glove Bag

#### FEATURES:

- Generous fit for ease of movement
- FR Hook & loop front closure
- Rib knit cuffs
- Garments labelled with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets on bib

OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	65 cal/cm²
HRC	4
SIZE	SM - 4X

3 X





- DuPont™ Nomex® & Kevlar® Short Coat & Bib Overall
- Class 2 Rubber voltage gloves
- 12" Leather protectors
- Faceshield with hood and hard hat
- Large gear bag
- Faceshield Bag
- Glove Bag

- Generous fit for ease of movement
- FR Hook & loop front closure
- Rib knit cuffs
- Garments labelled with arc rating
- Quick disconnect & adjustable shoulder straps on bib overalls
- FR Hook & loop fly closure
- FR Hook & loop leg closures
- Side pass through pockets on bib

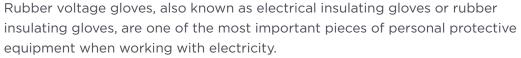
OSHA 1910.269	√
ASTM F1506-10a	√
NFPA 70E-2015	√
CSA Z462-15	√
ARC RATING	100 cal/cm²
HRC	4
SIZE	SM - 4X



## RUBBER VOLTAGE GLOVES & LEATHER PROTECTORS







We offer the three most common classes of rubber voltage gloves, Class 00, 0, and 2. Each class represents a different level of protection and the maximum use voltage that the glove can be used for. Our gloves are electronically tested and labeled with the initial test date. Gloves are required to put into use within 12 months of the stamped test date and to remain compliant gloves must be sent in for testing every 6 months after being put into service. Employees should always wear their leather glove protectors over their insulating gloves.

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



#### CLASS 00 GLOVES

DWH1100\_\_

- 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-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
MAX VOLTAGE	500V AC/750V DC
ANSI/ASTM D120	Class 00, Type 1
COLOR	Varies
SIZE	08-12



## CLASS O GLOVES

DWH110\_\_

- 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-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
MAX VOLTAGE	1000V AC/1500V DC
ANSI/ASTM D120	Class O, Type 1
COLOR	Varies
SIZE	08-12



#### CLASS 2 GLOVES

DWH142\_\_

- 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-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
MAX VOLTAGE	17000V AC/25500V DC
ANSI/ASTM D120	Class 2, Type 1
COLOR	Varies
SIZE	08-12

Not sure what size to get? Measuring your hand with a measuring tape is all you need to figure it out. Hold your hand up like you are about to give a high five and wrap the measuring tape around the palm of your hand, going inside of your thumb. You can see the illustration below or contact our customer service team for more information.





#### *10" LEATHER PROTECTORS*

DWH10L\_ \_

- Leather protectors are not required to have a date
- Use with class 00 and 0 rubber voltage gloves (DWH1100\_\_ & DWH110\_\_ - SOLD SEPARATELY)

ASTM F696	V
NFPA 70E - 2012	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
SIZE	08 - 12

# 12" LEATHER PROTECTORS

DWH12L\_\_

- Leather protectors are not required to have a date
- Use with class 2 rubber voltage gloves
  (DWH142\_ SOLD SEPARATELY)



ASTM F696	$\sqrt{}$
NFPA 70E - 2012	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
SIZE	08 - 12



**DID YOU KNOW...** 

Wearing the leather protectors over the rubber voltage gloves will help protect them while also giving the rubber voltage

gloves a longer life span.

## CLASS 00 KIT

KITGC00\_\_

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

NFPA 70E-2015	$\sqrt{}$
CSA Z462-15	$\sqrt{}$
MAX VOLTAGE	500V AC/750V DC
ANSI/ASTM D120	Class 00, Type 1
COLOR	Varies
SIZE	08-12



# CLASS O KIT

KITGCO\_\_

- Class O Rubber Voltage Gloves
- 10" Leather Protectors
- Glove Bag

NFPA 70E-2015	√
CSA Z462-15	√
MAX VOLTAGE	1000V AC/1500V DC
ANSI/ASTM D120	Class 0, Type 1
COLOR	Varies
SIZE	08-12



KITGC2\_\_



• 12" Leather Protectors



YOUR

GLOVES

NFPA 70E-2015	√
CSA Z462-15	$\sqrt{}$
MAX VOLTAGE	17000V AC/25500V DC
ANSI/ASTM D120	Class 2, Type 1
COLOR	Varies
SIZE	08-12

# **DID YOU KNOW...**



Learn more about the care and maintenance of rubber voltage gloves by scanning this QR code or by visiting our website.



# **DID YOU KNOW...**

Both a visual and air test inspection should be completed prior to using gloves each day. The gloves should be free from cuts, holes, tears, chemicals, and embedded objects. It is also important to look for any changes in the texture of the gloves, like cracking, hardening, swelling, stickiness, softening, or brittleness. Gloves displaying any of these characteristics should not be used and should be further inspected.

To keep gloves in operational status longer the following should be avoided:

- Folding gloves and storing
- Excess exposure to heat
- Direct sunlight
- Prolonged exposure to humidity
- Contact with sharp objects
- Contact with chemicals or other substances that may cause damage



# FR INSULATED TOOL KIT







Insulated hand tools were developed to protect workers from potential electrical shock injuries. Standard hand tools do not offer protection from electrical shock. However, our insulted tool kit is non-sparking, non-magnetic, as well as being impact and flame resistant. These hand tools are easy to identify, since they have unique markings to indicate they are insulated to protect workers from electrical hazards.

Before selecting an insulated tool, you should make sure that it meets the following applicable standards: IEC 900 (International Electrotechnical Commission); NFPA 70E (National Fire Protection Association); and ASTM F1505 (American Society for Testing and Materials). Don't let your choice of tools end a life!





CONVENIENT HOLDER TO KEEP TOOLS ORGANIZED, STORED, AND READY FOR THE JOB SITE.

# INSULATED FR TOOL KIT

I KITTOOL9

- Tested to 10,000 VAC
- Rated for 1,000 VAC when working on live parts
- Meets requirement of OSHA safety related work practices

ASTM F1505-01	√
NFPA 70E-2015	$\sqrt{}$
CSA Z462 - 15	$\sqrt{}$
IEC 900	√

## CONTAINS THE FOLLOWING:

- 9" Linesman's pliers
- 7 1/2" Diagonal cutting pliers
- 7" Needle nose pliers
- Combination stripper & crimper
- $\bullet$  3/16" x 4 1/2" Slotted screwdriver, cushion grip
- $\bullet$  3/16" x 6" Slotted screwdriver, cushion grip
- $\bullet$  #1 x 3" Phillips screwdriver, cushion grip
- #2 x 4" Phillips screwdriver, cushion grip



Melissa Egersdorfer

216-533-3011 megersdorfer@thinknsa.com

Jim Ward

216-577-9761 jward@thinknsa.com

Dan Bergman

314-308-2696 dbergman@thinknsa.com

Shawn Malinish

814-590-3605 smalinish@thinknsa.com

Mitch Harden

Director of Sales 615-483-7888 mharden@thinknsa.com

Evan Guerin

440-308-7880 eguerin@thinknsa.com

Nick Mercadante

443-844-0434 nmercadante@thinknsa.com

Greg Kvackay

847-867-1743 gkvackay@thinknsa.com

Markin Dornan

256-226-5055 mdornan@thinknsa.com

Micel Figueroa

International Sales 800-553-0672 \*812 mfigueroa@thinknsa.com

