



Quality Tools, Equipment & Line Materials for the Energy Industry.



Arc Flash Clothing 40 Cal - NSA

NSA 40 Cal Arc Flash ArcGuard® Performance

THE COMFORT REVOLUTION

20% LIGHTER

LIGHTEST WEIGHT 40 CAL ARC FLASH PROTECTION at 9.5oz

48% THINNER

GORE® PYRAD® TECHNOLOGY PROVIDES 40 CAL PROTECTION IN A SINGLE LAYER

56% MORE FLEXIBLE

ERGONOMICALLY DESIGNED FOR COMFORT & FREEDOM OF MOVEMENT



40 Cal Arc Flash Hoods

ENESPRO ARCGUARD 40 CAL ARC FLASH LIFT FRONT HOOD



Lift Front Hood
ARC40H



Lift Front Hood with Fans
ARC40H1



- GORE® PYRAD® technology ArcGuard® Performance 40 cal protection in a single layer
- Ergonomic design for ease of movement and flexibility
- PureView™ face-shield technology features a greater range of visibility
- Vented clear chin expands downwards increasing face shield view
- Lift front shield makes it easy to obtain fresh air while out of the hazard zone
- Indirect air vents for improved ventilation

Part No.	Garment	ARC Rating	Material
ARC40H	Lift front Hood	40 CAL / CAT 4	9.5oz GORE® PYRAD®
ARC40H1	Hood w/fans		

40 Cal Arc Flash Kits

GORE® PYRAD® technology delivers 40 cal protection in a single layer. Ergonomic design for ease of movement and flexibility



Kits available in
Safety Orange



Kit Contents

- Arc Flash ArcGuard™ Lift Front Hood with Pure View™ Face-shield & Hood
- Protective Bag
- Arc Flash ArcGuard™ Coat
- Arc Flash ArcGuard™ Bib Overalls
- Hard Hat
- Back Pack Bag
- Safety Glasses



Part No.	Lift front Hood Style	Rating Cal/cm ²	Material
ARC40KITNG-SIZE	Standard	40	Blue GORE® PYRAD®
ARC40KITFANNG-SIZE	With Fans		
ARC40KITNGO-SIZE	Standard	40	Orange GORE® PYRAD®

SIZE - SM = Small, MD = Medium, LG = Large, XL = X Large, 2XL = 2xLarge, 3XL = 3xLarge



NATIONAL SAFETY APPAREL®



40 Cal Arc Flash Garments

40 Cal Arc Flash ArcGuard® Performance Jacket

Part No.	Size	Torso ** cm (in")	Sleeve Length mm (in")
ARC40J-SMR	SMALL	86.4 - 94.0 (34 - 37)	87.6 (34.5)
ARC40J-MDR	MEDIUM	96.5 - 104.1 (38 - 41)	90.2 (35.5)
ARC40J-LGR	LARGE	106.7 - 114.3 (42 - 45)	92.7 (36.5)
ARC40J-XLR	EXTRA LARGE	116.8 - 224.5 (46 - 49)	95.25 (37.5)
ARC40J-2XLR	2 EXTRA LARGE	127.0 - 134.6 (50 - 53)	97.8 (38.5)
ARC40J-3XLR	3 EXTRA LARGE	137.2 - 144.8 (54 - 57)	100.3 (39.5)



660mm leg zipper for ease of donning & doffing

40 Cal Arc Flash ArcGuard® Performance Bib

Part No.	Size	Waist ** cm (in")	Inseam mm (in")
ARC40B-SMR	SMALL	86.4 - 94.0 (34 - 37)	81.3 (32)
ARC40B-MDR	MEDIUM	96.5 - 104.1 (38 - 41)	81.3 (32)
ARC40B-LGR	LARGE	106.7 - 114.3 (42 - 45)	81.3 (32)
ARC40B-XLR	EXTRA LARGE	116.8 - 224.5 (46 - 49)	81.3 (32)
ARC40B-2XLR	2 EXTRA LARGE	127.0 - 134.6 (50 - 53)	81.3 (32)
ARC40B-3XLR	3 EXTRA LARGE	137.2 - 144.8 (54 - 57)	81.3 (32)

40 Cal Arc Flash ArcGuard® Lab Coat



Part No.	Size	Waist ** cm (in")	Length cm (in")
ARC40J1-L50	LARGE	88.9 - 99.0 (35 - 39)	127 (50)
ARC40J1-XL50	X-LARGE	99.0 - 109.2 (39 - 43)	127 (50)
ARC40J1-2X50	2X-LARGE	109.2 - 116.8 (43 - 46)	127 (50)

SMALL, MED & 3XL available upon request. Contact TEN for further details

40 Cal Arc Flash ArcGuard® Leggings

Part No.	Size	Calf Size cm (in")	Length cm (in")
ARC40L-L	LARGE	40.6-45.7 (16-18)	45.7 (18)
ARC40L-XL	X-LARGE	45.7-50.8 (18-20)	45.7 (18)
ARC40L-2X	2X-LARGE	50.8-55.9 (20-22)	45.7 (18)

SMALL, MED, 3XL, 4XL & 5XL available upon request. Contact TEN for further details

** Measure the widest part of the Torso, whether that is Chest or Waist

Contact TEN for a full measurement Guide

If your measurement fall between sizes, it is recommended you select the next size up

If your sizing falls outside the above charts, please submit your measurements, as garments can be specially made

Please Note: This is a guide only, where possible physically try the garments on for size



Arc Flash Face Shields, Balaclavas & Goggles - NSA

Face Shroud, Lift Front - 12 Cal



- Fabric: 7.5oz Tecgen CC™
- Lined with FR Control 2.0™ antimicrobial fabric
- Premium anti-fog and abrasion resistant coating
- Auditory vents for improved sound & communication
- Toric lens to reduce glare
- Easy lift-front face shield
- FR silver & yellow reflective tape
- Hard hat included
- Meets current ASTM F1506 and NFPA 70E standards
- Balaclava not required

Part No.	Description
EN123NTNB01AL	Face Shield CAT 2 - 12cal OptiShield™ Grey
EN123H-SHIELD	Replacement shield for above

EN123H-SHIELD

Face Shield, Hover series - 12 & 20 Cal



Use with the below Balaclavas

H12HT & H20HT Replacement Shields

- Compliance: NFPA-70E ASTM-F2178 CAT 2
- Material: Lightweight Polycarbonate
- Premium Hover series bracket for weight compensation over hard hat (Included)
- Low profile chin cup
- Highly transparent arc flash face shield for greater visibility
- Anti-fog and scratch resistant coating
- Adjustable settings allow the face shield to be secured in various positions

Part No.	Description
H12H THAT	12 cal/cm ² Hover series Face Shield
H12HT	Replacement Face Shield for above
H20H THAT	20 cal/cm ² Hover series Face Shield
H20HT	Replacement Face Shield for above

Ultrasoft Balaclava - 16 & 25 Cal



H11RY

H11RV

- Single layer top & bib
- Large face opening
- Durable & heavyweight fabric
- Designed for comfort with flat lock seam when worn under hard hat
- FR fabric will not melt, drip or ignite

Part No.	ATPV Rating	Material
H11RY	16 cal/cm ² Protection CAT 2	6.5 oz. Westex® UltraSoft® Rib
H11RV	25 cal/cm ² Protection CAT 3	10.5 oz. Westex® UltraSoft® Rib

Arc Goggle - 16 cal



- Material: Polycarbonate
- Premium anti-fog/scratch resistant coating
- Silicone frame & strap Nose shield
- Adjustable pivots allow the goggles to be secured

Part No.	Description	Weight (g)
H12GGL	Enespro Arc Goggle 16 cal	140

Hood Flashlight



Intrinsically Safe

- For use with NSA lift front hoods
- Intrinsically safe light, Class 1 Div 1
- 60 Lumens
- 2 x 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

Part No.	Description	Weight (g)
HLITEKIT	Flashlight Kit for Lift Front Hoods	140