

Industrial Safety Equipment

CATALOG NO. A41





**SAFETY
FOR
EVERYONE**

Catalog



FACE
Protection

P01



ARC FLASH
Protection

P15



EYES
Protection

P21



WELDING
Protection

P23



HEARING
Protection

P25



BREATHING
Protection

P27



HEAD
Protection

P33



HOODS
Protection

P37



EYEWASH
Protection

P39



BLANKET
Protection

P40



**HEAT
REFLECTION**
Protection

P41



FALL
Protection

P51

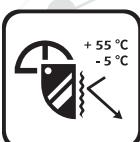


Face Protection

The faceshield can be used to provide all-round protection for the face and eyes of the wearer in the work environment.



BLUE EAGLE SAFETY Faceshields



Protection against high-speed particles

Made of extrusion grade polycarbonate with very high mechanical strength, the faceshield can withstand the impact of a 6 mm nominal diameter steel ball striking it at a high speed.

At temperature of +55 °C and -5 °C

ET 120m/s DT 80m/s CT 45m/s

At room temperature

E 120m/s D 80m/s C 45m/s



Aluminum reinforcements

Aluminum edge reinforcements can help improve visor strength. A user can also easily bend or adjust the visor to suit usage requirements.



Protection against molten metals and hot solids

In the test method described by the European standard, the faceshield is (1) able to prevent adherence of molten metals and provide effective protection to the user's eyes; and (2) prevent the penetration by a 6-mm diameter steel bead heated to a temperature 900 °C.



Protection against splashes and liquids

Large visors provide broad field of vision and protection against splashes and liquids.



Anti-fogging

Permanent anti-fogging capabilities certified to EU standards have been achieved.



Protective films

To ensure the best optical quality and to prevent damage and scratches during transportation, there are protective films on both sides of the visor. The films can be easily removed before use.



Superb UV protection

We used advanced technologies to provide the user with superb protection against UV.



Superb radiant heat resistance

Our innovative physical vapor deposition technology ensures that our faceshields are capable of providing excellent protection against radiant heat. Anti-radiant heat capabilities have been tested to the European Standard of EN ISO 6942 method B using a radiant heat source of 20 kW/m², achieving the highest level of RHTI 24 > 95 s.



Enhanced IR reflection

Enhanced IR reflection capabilities.



Best optical quality

To give users the best vision so that they can focus on the job, the faceshield has the highest optical properties (Class 1) in tests of spherical refractive power, astigmatic refractive power, prismatic refractive power, and light diffusion.



**Comprehensive
eye and face protection**

Faceshields

Size: 8x15½" (20x39cm)

BLUE EAGLE SAFETY



► FACE PROTECTION ◀



Browguard
Use with FC visors
Color : Black
Ratchet Headgear
Material : ABS

D1

Browguard
Use with FC visors
Color : Yellow
Ratchet Headgear
Material : ABS

Z94.3

Browguard
Use with FC visors
Color : Blue
Push-lock Adjustment Headgear
Material : ABS
Sweatband unassembled

B7

Browguard
Use with FC 8" x 15½" visors
Color : Black
Push-lock Adjustment Headgear
Material : PP
Sweatband unassembled

DQ7

Visor
Impact class : ET, Z87
Aluminum bound
Splashes protection
Best optical quality
Protective films
UV protection

FC45

Visor
Impact class : ET, Z87
Splashes protection
Best optical quality
Protective films
UV protection

FC45N

Since 1978

Faceshields

Size: 8x15½" (20x39cm)



CE ANSI Z94.3

Visor

- Impact class : ET, Z87+
- Aluminum bound
- Splashes protection
- Molten metal protection
- Best optical quality
- Protective films
- UV protection

FC48

1.0 mm
Polycarbonate



CE ANSI Z94.3

Visor

- Impact class : ET, Z87
- Splashes protection
- Best optical quality
- Protective films
- UV protection

FC48N

1.0 mm
Polycarbonate



Visor

- Impact class : ET, Z87+
- Aluminum bound
- Splashes protection
- Molten metal protection
- Best optical quality
- Protective films
- UV protection

FC48T

1.5 mm
Polycarbonate

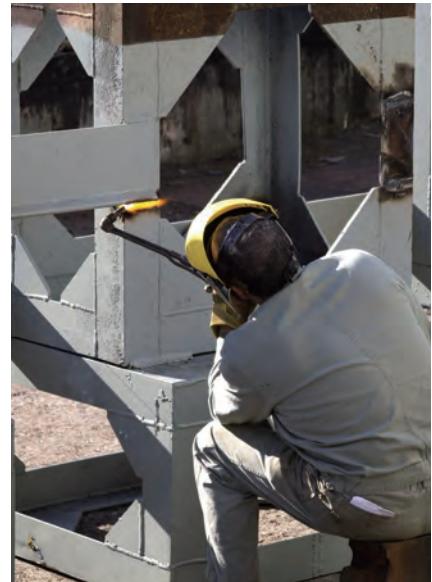


Anti-fog Visor

- Impact class : F, Z87
- Permanent Anti-fog
- Aluminum bound
- Splashes protection
- Best optical quality
- Protective films

FC48AF

1.0 mm
Acetate



UV Visor

- Impact class : ET, Z87
- UV filter : U3, U6
- Aluminum bound
- Splashes protection
- Best optical quality
- Protective films

FC48G3

1.0 mm
Polycarbonate



UV Visor

- Impact class : ET, Z87
- UV filter : U5, U6
- Aluminum bound
- Splashes protection
- Best optical quality
- Protective films

FC48G5

1.0 mm
Polycarbonate



UV Visor

- Impact class : Z87
- UV filter : U6
- Splashes protection
- Best optical quality
- Protective films

FC48G5N

1.0 mm
Polycarbonate

Faceshields

Size: 8x12" (20x30cm)

BLUE EAGLE SAFETY



CE Z94.3

Visor

- Impact class : BT, Z87
- Aluminum bound
- Best optical quality
- Protective films
- UV protection

FC25

0.8 mm
Polycarbonate



Z94.3

Visor

- Impact class : Z87
- Aluminum bound
- Best optical quality
- Protective films
- UV protection

FC28

1.0 mm
Polycarbonate



Z94.3

Visor

- Impact class : Z87
- Aluminum bound
- Best optical quality
- Protective films
- UV protection

FC28T

1.5 mm
Polycarbonate



CE Z94.3

Visor

- Impact class : BT, Z87
- Best optical quality
- Protective films
- UV protection

FC25N

0.8 mm
Polycarbonate



Z94.3

Visor

- Impact class : Z87
- Best optical quality
- Protective films
- UV protection

FC28N

1.0 mm
Polycarbonate



Anti-fog Visor

- Impact class : Z87
- Permanent Anti-fog
- Aluminum bound
- Best optical quality
- Protective films

FC28AF

1.0 mm
Acetate



UV Visor

- Impact class : Z87
- UV filter : U6
- Aluminum bound
- Best optical quality
- Protective films

FC28G3

1.0 mm
Polycarbonate



UV Visor

- Impact class : Z87
- UV filter : U6
- Aluminum bound
- Best optical quality
- Protective films

FC28G5

1.0 mm
Polycarbonate



UV Visor

- Impact class : Z87
- UV filter : U6
- Best optical quality
- Protective films

FC28G5N

1.0 mm
Polycarbonate

Since 1978

Steel Mesh Faceshields



ANSI

Browguard

- Use with T visors
- Color : Yellow
- Ratchet headgear
- Material : ABS

ET1

ANSI

Visor

- Impact class : Z87
- Aluminum bound
- Best optical quality
- Protective films
- Size : 8 x 15½" (20 x 39 cm)
- UV protection

T48

1.0 mm
Polycarbonate



CE ANSI

Mesh Visor

- Impact class : C
- ANSI Z87
- Forestry work
- Grass / bush trimming
- Aluminum bound
- Size : 8 x 15½" (20 x 39 cm)

FC49

Steel
Mesh



CE ANSI

Mesh Visor

- ANSI Z87
- Forestry work
- Grass / bush trimming
- Plastic bound
- Size : 8 x 15½" (20 x 39 cm)

FC49M

Steel
Mesh



ANSI

Visor

- Impact class : Z87
- Aluminum bound
- Best optical quality
- Protective films
- Size : 8 x 15½" (20 x 39 cm)
- UV protection

T48

1.0 mm
Polycarbonate



ANSI

Mesh Visor

- ANSI Z87
- Forestry work
- Grass/bush trimming
- Aluminum bound
- Size : 8 x 12" (20 x 30 cm)

FC29

Steel
Mesh



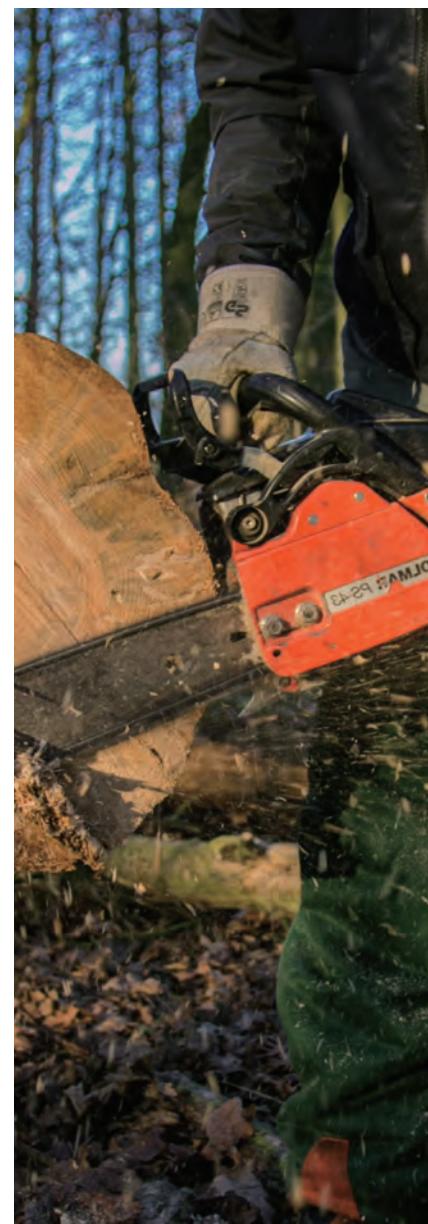
ANSI

Mesh Visor

- ANSI Z87
- Forestry work
- Grass/bush trimming
- Plastic bound
- Size : 8 x 12" (20 x 30 cm)

FC29M

Steel
Mesh





► FACE PROTECTION ◀



Browguard
Use with FC visors
Ratchet Headgear
Material : ABS

B1

Chinguard
Use with FC73, FC83
Material : ABS

C3



Visor
Impact class : Z87
Best optical quality
Protective films
Size : 8 x 15 1/2" (20 x 39 cm)
UV protection

FC83
1.0 mm Polycarbonate

Visor
Impact class : ET, Z87
Splashes protection
Best optical quality
Protective films
Size : 7 x 15 1/2" (17.5 x 39 cm)
UV protection

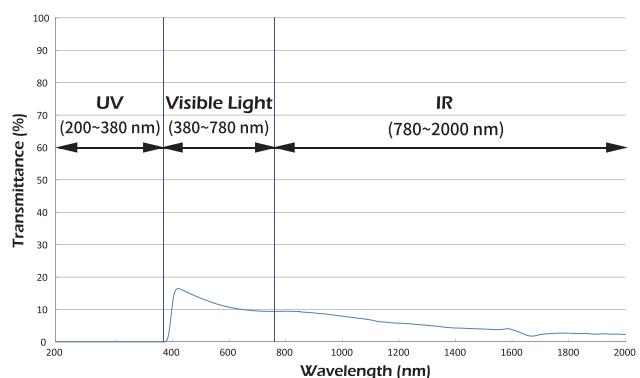
FC73
1.0 mm Polycarbonate

Since 1978

Aluminized Faceshield



Radiant Heat Protection



Aluminized Visor

- Impact class : BT, Z87
- UV filter : shade No. 2C-3 (CE certified), U6
- Enhanced IR reflectance > 70 % (CE certified)
- IR filter, shade No. R3 (ANSI Z87.1)
- Aluminum bound
- Best optical quality

FCR3

1.0 mm
Polycarbonate

Faceshields

Size: 8x12" (20x30cm)

BLUE EAGLE SAFETY



CE ANSI Z94.3

Browguard

- Impact class : BT, Z87
- Color : Yellow
- Headgear HG4
- Material : ABS
- Sweatband unassembled

K4YE



CE ANSI Z94.3

Visor

- Impact class : BT, Z87
- Aluminum bound
- Best optical quality
- Protective films
- UV protection

K25

0.8 mm Polycarbonate



CE ANSI Z94.3

Visor

- Impact class : BT, Z87
- Best optical quality
- Protective films
- UV protection

K25N

0.8 mm Polycarbonate



CE ANSI Z94.3

Visor

- Impact class : BT, Z87
- Aluminum bound
- Best optical quality
- Protective films
- UV protection

K28

1.0 mm Polycarbonate



CE ANSI Z94.3

Visor

- Impact class : BT, Z87
- Best optical quality
- Protective films
- UV protection

K28N

1.0 mm Polycarbonate



ANSI

UV Visor

- Impact class : Z87
- UV filter : U6
- Aluminum bound
- Best optical quality
- Protective films

K28G3

1.0 mm Polycarbonate



ANSI

UV Visor

- Impact class : Z87
- UV filter : U6
- Aluminum bound
- Best optical quality
- Protective films

K28G5

1.0 mm Polycarbonate



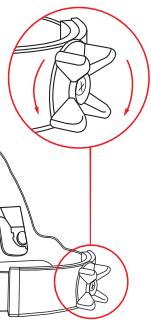
ANSI

UV Visor

- Impact class : Z87
- UV filter : U6
- Best optical quality
- Protective films

K28G5N

1.0 mm Polycarbonate



CE ANSI Z94.3

Headgear

- Ratchet adjustment
- Fit all BLUE EAGLE browguards and welding helmets
- Material : PP

HG1

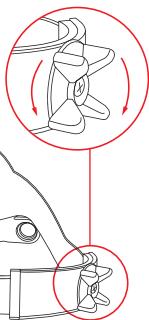


ANSI

Headgear

- Push-and-turn ratchet
- Fit all BLUE EAGLE browguards and welding helmets
- Material : PP

HG2

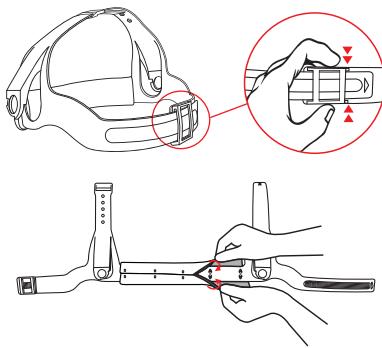


CE ANSI Z94.3

Headgear

- Ratchet adjustment
- Fit all BLUE EAGLE browguards and welding helmets
- Material : PP

HG3

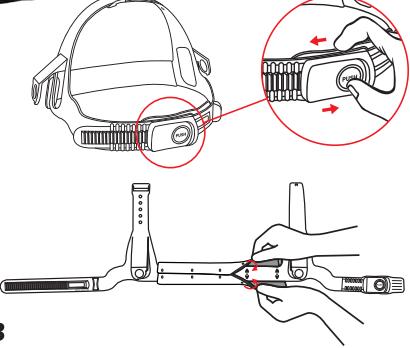


CE ANSI Z94.3

Headgear

- Easy manual adjustment
- Fit all BLUE EAGLE browguards and welding helmets
- Material : PE
- Sweatband unassembled

HG4



CE ANSI Z94.3

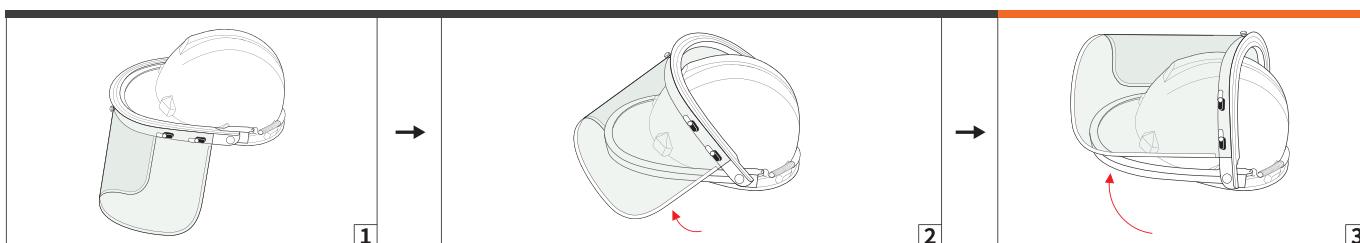
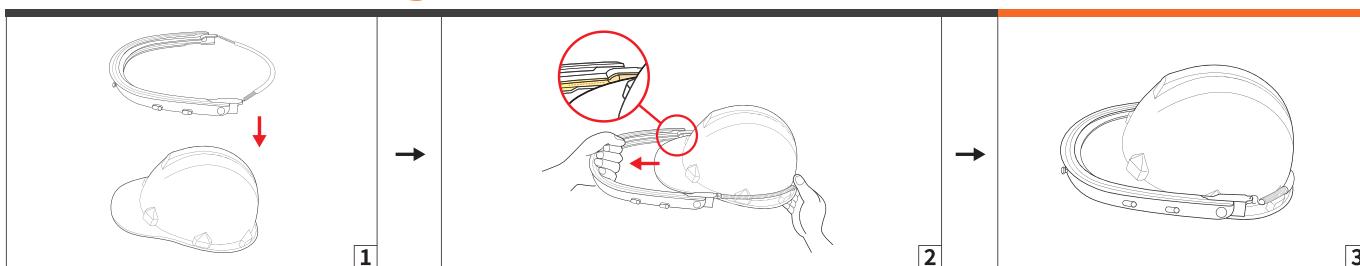
Headgear

- Push-lock Adjustment
- Fit all BLUE EAGLE browguards and welding helmets
- Material : PP
- Sweatband unassembled

HG7



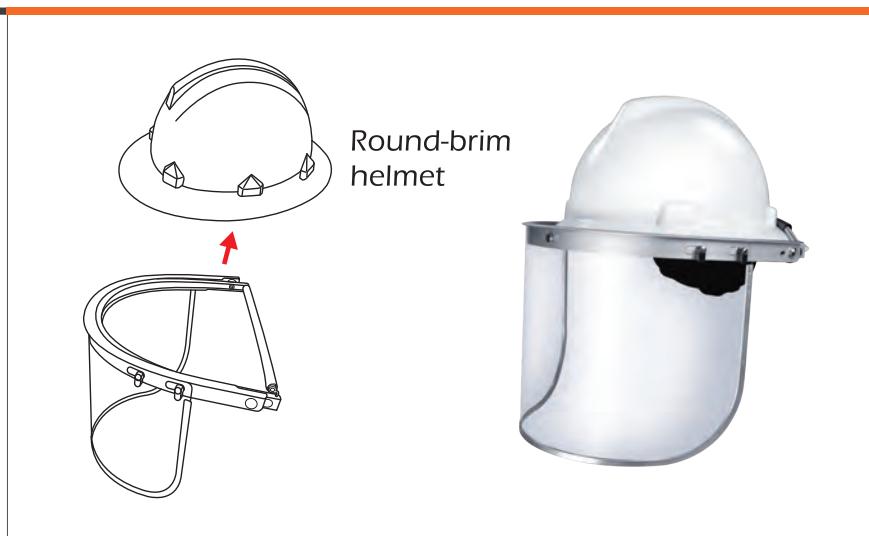
Bracket Assembling



Since 1978

Visor Brackets

For Round-brim helmet



Insulated Brackets



Browguards and Brackets for FC series visors

Items	Material	Standards	Color	Description
B1	Impact - resistance ABS	CE, ANSI, Z94.3	Yellow / Orange Blue / Green	Ratchet headgear.
B7	Impact - resistance ABS	CE, ANSI, Z94.3	Yellow / Orange Blue / Green	Push-lock adjustment headgear.
D1	Impact - resistance ABS	CE, ANSI	Black	Ratchet headgear.
DQ7	PP	CE, ANSI, Z94.3	Black	Push-lock adjustment headgear.
A2	ABS	CE, ANSI, Z94.3	Black	Fit regular safety helmets.
A3	ABS / Aluminum	CE, ANSI, Z94.3	Black	Fit regular safety helmets.
A4	Aluminum	CE, ANSI, Z94.3	Black / Silver	Fit regular safety helmets.
AR4	Aluminum	CE, ANSI, Z94.3	Silver	Fit round-brim safety helmets.
A8	ABS	CE, ANSI, Z94.3	Blue / Black	Fit regular safety helmets. Fit FC 8" x 15½" visors.
A8X	ABS	CE, ANSI, Z94.3	Blue / Black	Fit slotted safety helmets. Fit FC 8" x 15½" visors.

FC series visors (8x15½" or 20x39 cm)

Items	Thickness	Material	Aluminum Bound	Standards	Color	Description
FC45	0.8 mm	Polycarbonate	Yes	CE, ANSI, Z94.3	Clear	For impact and splashes resistance.
FC48	1.0 mm	Polycarbonate	Yes	CE, ANSI, Z94.3	Clear	For impact, molten metals and splashes resistance.
FC48T	1.5 mm	Polycarbonate	Yes	CE, ANSI, Z94.3	Clear	For impact, molten metals, heat and splashes resistance.
FC48AF	1.0 mm	Acetate	Yes	CE, ANSI	Clear	Permanent Anti-fog. For impact and splashes resistance.
FC48G3	1.0 mm	Polycarbonate	Yes	CE, ANSI	Green	UV filter: U3, U6. For UV, impact, and splashes resistance.
FC48G5	1.0 mm	Polycarbonate	Yes	CE, ANSI	Green	UV filter: U5, U6. For UV, impact, and splashes resistance.
FC49	-	Steel Mesh	Yes	CE, ANSI	Black	For flying chips and splinters.
FC49M	-	Steel Mesh	No	CE, ANSI	Black	For flying chips and splinters.
FC45N	0.8 mm	Polycarbonate	No	CE, ANSI, Z94.3	Clear	For impact and splashes resistance.
FC48N	1.0 mm	Polycarbonate	No	CE, ANSI, Z94.3	Clear	For impact and splashes resistance.
FC48G5N	1.0 mm	Polycarbonate	No	ANSI	Green	UV filter: U6. For UV, impact, and splashes resistance.
FC73	1.0 mm	Polycarbonate	No	CE, ANSI, Z94.3	Clear	For impact and splashes resistance. (7 x 15½", 17.5 x 39cm)
FC83	1.0 mm	Polycarbonate	No	ANSI, Z94.3	Clear	For impact and splashes resistance.
FCR3	1.0 mm	Aluminized Polycarbonate	Yes	CE, ANSI	Silver	Reflect radiant heat. For UV, IR , and impact resistance.

FC series visors (8x12" or 20x30 cm)

Items	Thickness	Material	Aluminum Bound	Standards	Color	Description
FC25	0.8 mm	Polycarbonate	Yes	CE、ANSI、Z94.3	Clear	For impact resistance.
FC28	1.0 mm	Polycarbonate	Yes	ANSI、Z94.3	Clear	For impact resistance.
FC28T	1.5 mm	Polycarbonate	Yes	ANSI、Z94.3	Clear	For impact and heat resistance.
FC28AF	1.0 mm	Acetate	Yes	ANSI	Clear	Permanent Anti-fog. For impact resistance.
FC28G3	1.0 mm	Polycarbonate	Yes	ANSI	Green	UV filter: U6. For UV and impact resistance.
FC28G5	1.0 mm	Polycarbonate	Yes	ANSI	Green	UV filter: U6. For UV and impact resistance.
FC29	-	Steel Mesh	Yes	ANSI	Black	For flying chips and splinters.
FC29M	-	Steel Mesh	No	ANSI	Black	For flying chips and splinters.
FC25N	0.8 mm	Polycarbonate	No	CE、ANSI、Z94.3	Clear	For impact resistance.
FC28N	1.0 mm	Polycarbonate	No	ANSI、Z94.3	Clear	For impact resistance.
FC28G5N	1.0 mm	Polycarbonate	No	ANSI	Green	UV filter: U6. For UV and impact resistance.

Browguards for K series visors

Items	Material	Standards	Color	Description
K4YE	Impact - resistance ABS	CE、ANSI、Z94.3	Yellow	Fit K series visors. Light weight.
K4OR	Impact - resistance ABS	CE、ANSI、Z94.3	Orange	Fit K series visors. Light weight.
K4BL	Impact - resistance ABS	CE、ANSI、Z94.3	Blue	Fit K series visors. Light weight.
K4GN	Impact - resistance ABS	CE、ANSI、Z94.3	Green	Fit K series visors. Light weight.

K series visors (8x12" or 20x30 cm)

Items	Thickness	Material	Aluminum Bound	Standards	Color	Description
K25	0.8 mm	Polycarbonate	Yes	CE、ANSI、Z94.3	Clear	For impact resistance.
K28	1.0 mm	Polycarbonate	Yes	CE、ANSI、Z94.3	Clear	For impact and penetration resistance.
K28G3	1.0 mm	Polycarbonate	Yes	ANSI	Green	UV filter: U6. For UV and impact resistance.
K28G5	1.0 mm	Polycarbonate	Yes	ANSI	Green	UV filter: U6. For UV and impact resistance.
K25N	0.8 mm	Polycarbonate	No	CE、ANSI、Z94.3	Clear	For impact resistance.
K28N	1.0 mm	Polycarbonate	No	CE、ANSI、Z94.3	Clear	For impact and penetration resistance.
K28G5N	1.0 mm	Polycarbonate	No	ANSI	Green	UV filter: U6. For UV and impact resistance.



Arc Flash Faceshield

Arc flash faceshields are designed for electricians during work in which a risk of a fault arc exists.

NFPA 70E GS-ET-29



Faceshields for
electrical works



Comply with
NFPA 70E



High impact resistance



Protection against
molten metals and
hot solids



Always see true colors



UV protection



IR protection



Best optical quality

MORE INFO

Learning more about the specifications.



Rubber Band
Fastening



Clip Fastening



Browguard
Type



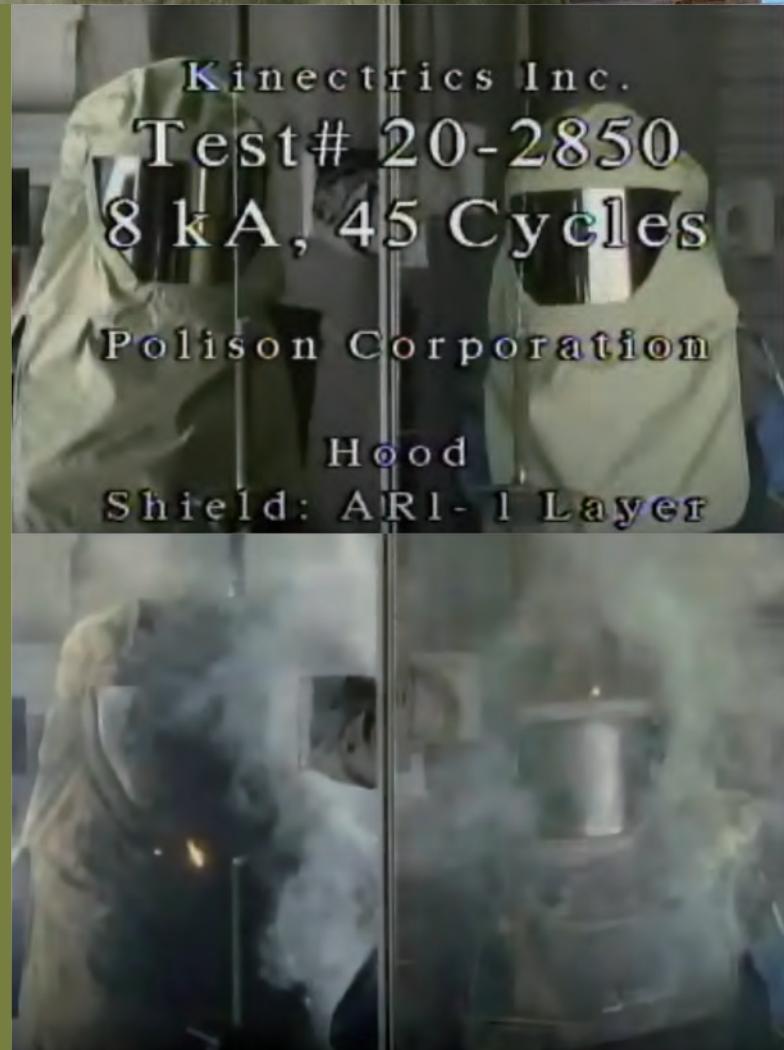
► ARC FLASH PROTECTION ◀





Arc Flash Clothing

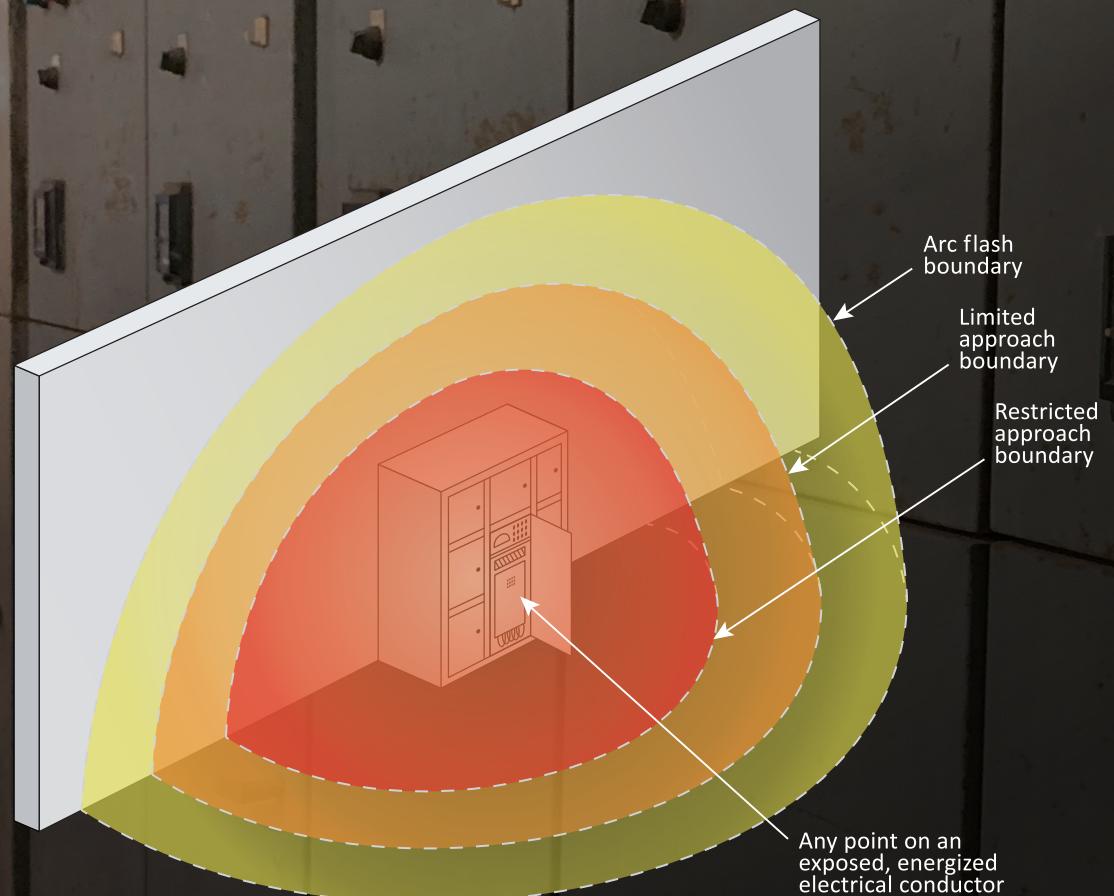
BLUE EAGLE®
AR series arc-rated
garment is designed
to reduce the energy
caused by arc flash.



Arc-Flash PPE Categories

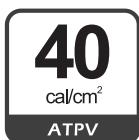
Arc-Flash PPE Categories (CAT)	Minimum Arc Rating (ATPV)
1	4 cal/cm ²
2	8 cal/cm ²
3	25 cal/cm ²
4	40 cal/cm ²

According to NFPA 70E



Description

BLUE EAGLE® AR series arc-rated garment is an arc flash personal protective equipment (PPE) which is made of inherent flame resistant fabric. It is designed to reduce the energy caused by arc flash. Garment is designed in light weight for user's comfort and makes it easy to put on and take off.



Features and Benefits

Inherent FR Fabrics

Made of inherent flame resistant fabric and flame resistant sewing thread, BLUE EAGLE's arc flash garments have inherent, fire extinguishing properties for the ultimate protection, minimizing injury in the event of an Arc Flash incident.

Safety and Inherent Protection

Unlike chemically treated fabrics, which may lose its flame resistant ability after laundry, inherent flame resistant fabrics will not lose its flame resistance after washes because they have flame resistance built into their chemical structures. They can prevent the spread of fire and give peace of mind with ultimate protection.



Flame Resistant hook & loop fastener.



Elastic waistband



Expandable leg opening to fit over boots.



Quick disconnect shoulder straps



Aramid threads ensures thermal safety and durability.

Fabric specification : 380 g/m² Inherent Fabric

Color : Green

Product care :



Since 1978

Arc Flash Clothing



Arc Flash Hood

- Large field-of-view
- ANSI Z89.1 class E safety helmet
- ASTM F2178
- ATPV = 40 cal/cm²
- NFPA 70E PPE CAT 4
- ANSI Z87.1 – U6 R10

AR1



Arc Flash Jacket

- FR hook & loop fastener
- Aramid sewing threads
- Elastic waistband
- ASTM F1959
- ATPV = 40 cal/cm²
- NFPA 70E PPE CAT 4

AR2



Arc Flash Bib Overalls

- FR hook & loop fastener
- Aramid sewing threads
- Expandable leg opening to fit over boots
- ASTM F1959
- ATPV = 40 cal/cm²
- NFPA 70E PPE CAT 4

AR3



► EYE PROTECTION ◀



ANSI

Goggle

- Impact class : Z87
- Polycarbonate lens
- Direct venting
- UV protection

1.5 mm
Polycarbonate

SG152



ANSI

Goggle

- Impact class : Z87
- Polycarbonate lens
- Indirect venting
- UV protection

1.5 mm
Polycarbonate

SG154



ANSI

Goggle

- Impact class : Z87
- Polycarbonate lens
- Anti-fog coating
- Indirect venting
- UV protection

1.5 mm
Polycarbonate

SG155



ANSI

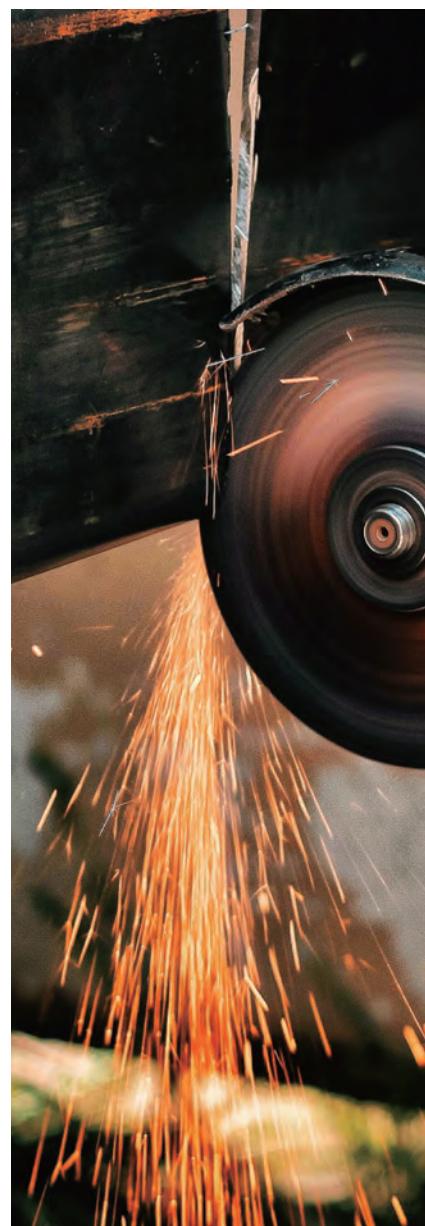
Goggle

- Impact class : Z87
- Polycarbonate lens
- Direct venting
- UV protection

1.5 mm
Polycarbonate

NP152







CE ANSI Z94.3

Welding Helmet

- Lift-front lens holder
- Lens Size : 4 1/4 x 2" (108 x 51 mm)
- Material : PP
- Lens not included

633P



ANSI

Welding Helmet

- Fixed lens holder
- Lens Size : 4 1/4 x 2" (108 x 51 mm)
- Material : PP
- Lens not included

635P



ANSI

Welding Helmet

- Fixed lens holder
- Lens Size : 4 1/4 x 2" (108 x 51 mm)
- Material : PP
- Lens not included

DA11



ANSI

Welding Helmet

- Lift-front lens holder
- Lens Size : 4 1/4 x 2" (108 x 51 mm)
- Material : PP
- Lens not included

DA11L



CE ANSI

Welding Helmet

- Fixed lens holder
- Lens Size : 4 1/4 x 3 1/4"
- Material : PP
- Lens not included

638P



CE ANSI

Welding Helmet

- Lift-front lens holder
- Lens Size : 110 x 90 mm
- Material : PP
- Lens not included

733P



ANSI

Welding Helmet

- Fixed lens holder
- Lens Size : 5 1/4 x 4 1/2"
- Material : PP
- Lens not included

934P



ANSI

Welding Helmet

- Lift-front lens holder
- Lens Size : 5 1/4 x 4 1/2"
- Material : PP
- Lens not included

936P

Since 1978

Welding Helmets



CE ANSI

Welding Helmet

- Lift-front lens holder
- ABS bracket
- Lens Size : 4 1/4 x 2" (108 x 51 mm)
- Material : PP
- Lens not included

6PA2



ANSI

Welding Helmet

- Lift-front lens holder
- Semi-Aluminum bracket
- Lens Size : 4 1/4 x 2" (108 x 51 mm)
- Material : PP
- Lens not included

6PA3



ANSI Z94.3

Auto-darkening Welding Helmet

- ADF Size : 133 x 114 x 10 mm
- LCD Viewing Area : 94 x 43 mm
- Lens included

AW7R



ANSI

Welding Helmet

- Fixed lens holder
- Lens Size : 4 1/4 x 2" (108 x 51 mm)
- Material : PP
- Lens not included

632P



ANSI

Welding Helmet

- Lift-front lens holder
- Lens Size : 4 1/4 x 2" (108 x 51 mm)
- Material : PP
- Lens not included

567P



ANSI

Welding Handshield

- Lens Size : 4 1/4 x 3 1/4"
- Material : PP
- Lens not included

637P



633-11 638-11 733-11 934-11

CE ANSI

Welding Lens

- Size : 4 1/4 x 2" (108 x 51 mm), 4 1/4 x 3 1/4", 110 x 90 mm, 5 1/4 x 4 1/2"
- Shade No. : 11
- Material : Glass



633-04 638-04 733-04 934-04

CE ANSI

Cover Lens

- Size : 4 1/4 x 2" (108 x 51 mm), 4 1/4 x 3 1/4", 110 x 90 mm, 5 1/4 x 4 1/2"
- Material : Polycarbonate

**EM92BK****EM92RD****EM92BL****Earmuffs**

■ NRR = 24 dB (ANSI S3.19)

■ Cup Material : ABS

Very comfortable to wear, foam ear cushion, foam head cushion, suitable for continuous use over long periods. It can be worn in 3 positions-overhead, behind neck or under chin.

EM92**Earmuffs**

■ NRR = 17 dB (ANSI S3.19)

■ Cup Material : PE

EM62**Earmuffs**

■ NRR = 23 dB (ANSI S3.19)

■ Cup Material : ABS

EM68**Earmuffs**

■ Cup Material : PE

EM66**Earmuffs**

■ NRR = 15 dB (ANSI S3.19)

■ Cup Material : PE

EM65



ANSI

Earplugs

- NRR = 25 dB (ANSI S3.19)
- SNR = 29 dB (EN 352)
- Material : TPR
- With case, key chain, neck string

NP363



ANSI

Earplugs

- NRR = 25 dB (ANSI S3.19)
- SNR = 29 dB (EN 352)
- Material : TPR
- With case, neck string

NP364



With neck string

NP35K



ANSI

Earplugs

- NRR = 23 dB (ANSI S3.19)
- SNR = 26 dB (EN 352)
- Material : PVC
- With case, key chain, neck string

NP353



ANSI

Earplugs

- NRR = 23 dB (ANSI S3.19)
- SNR = 26 dB (EN 352)
- Material : PVC
- With case, neck string

NP354



NP35M



CE ANSI

Earplugs

- NRR = 32 dB (ANSI S3.19)
- SNR = 39 dB (EN 352)
- Material : Foam

EP7



CE ANSI

Earplugs

- NRR = 32 dB (ANSI S3.19)
- SNR = 39 dB (EN 352)
- Material : Foam
- With neck string

EP7C



With neck string

NP32K



NP32M



Face Mask

Face mask is designed to provide quality, reliable and comfortable respiratory protection against dust and odor.

4-ply Activated Carbon Face Mask (1 PC/Bag)



FDA Registered

- Low breathing resistance
- Outer layer : water resistance
- Activated carbon layer : odor absorbing
- Meltbrown layer : particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- 99 % Bacterial Filtration Efficiency
- U.S.A. FDA Registration Number 3002822896

Package

1 PC / Bag

50 PCS /

NP12K

4-ply Activated Carbon Face Mask (5 PCS/Bag)



FDA Registered

- Low breathing resistance
- Outer layer : water resistance
- Activated carbon layer: odor absorbing
- Meltbrown layer : particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- 99 % Bacterial Filtration Efficiency
- U.S.A. FDA Registration Number 3002822896

Package

5 PCS / Bag

50 PCS /

NP12

3-ply Dust Face Mask (5 PCS/Bag)



FDA Registered

3-ply Dust Face Mask

- Low breathing resistance
- Outer layer : water resistance
- Meltbrown layer : particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- U.S.A. FDA Registration Number 3002822896

Package

5 PCS / Bag

50 PCS /

NP13

KIDS 4-ply Dust Face Mask



FDA Registered

- Low breathing resistance
- Outer layer : water resistance
- DOUBLE Meltblown layer : better particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- 99 % Bacterial Filtration Efficiency
- U.S.A. FDA Registration Number 3002822896

Package

50 PCS /

3 Sizes can be selected

- NP3DS (for age 6-10)
- NP3DSS (for age 4-6)
- NP3DSSS (for age 2-4)

4-ply Dust Face Mask



- Low breathing resistance
- Outer layer : water resistance
- DOUBLE Meltblown layer : better particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- 99 % Bacterial Filtration Efficiency

Package

50 PCS /

NP3D

5-ply Activated Carbon Face Mask



- Low breathing resistance
- Outer layer : water resistance
- Activated carbon layer : odor absorbing
- DOUBLE Meltblown layer : better particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- 99 % Bacterial Filtration Efficiency

Package

50 PCS /

NP3DC

4-ply PM2.5 Dust Face Mask



- Low breathing resistance
- Outer layer : water resistance
- DOUBLE Meltbrown layer : better particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- Complied with CNS 15980 PM2.5 standard

Package

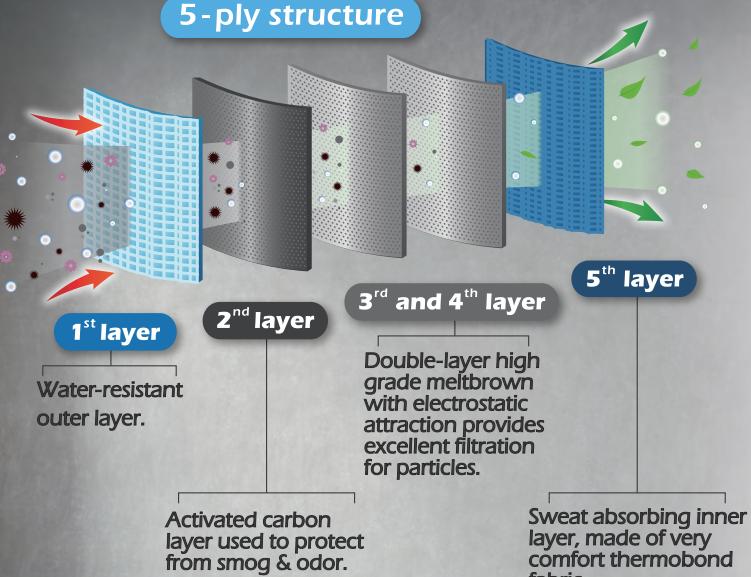
25 PCS /

NP4D

5-ply PM2.5 Activated Carbon Face Mask



5-ply structure



FDA Registered



- Low breathing resistance
- Outer layer : water resistance
- Activated carbon layer : odor absorbing
- DOUBLE Meltbrown layer : better particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- Complied with CNS 15980 PM2.5 standard
- U.S.A. FDA Registration Number 3002822896

Package

25 PCS /

NP4DC



Respirator

- Single-cartridge
- Two exhalation valves
- Material : TPE
- Fit RC201 ~ RC209
- Cartridges not included

NP305

RC201 RC202 RC203

RC205 RC206 RC209

RC207 RC208

Cartridges

- RC201 : For dust
- RC202 : For organic vapours (with boiling point > 65 °C), mists of low toxicity
- RC203 : For Spray painting and organic vapours (with boiling point > 65 °C) of low toxicity
- RC205 : For sulphur dioxide and acid gases of low toxicity
- RC206 : For organic vapours (with boiling point > 65 °C), acid gases, and inorganic gases (such as chlorine Cl₂ and hydrogen sulphide H₂S) of low toxicity
- RC209 : For agricultural sprays

Respirator

- Dual-cartridge
- Two exhalation valves
- Material : TPE
- Fit RC201 ~ RC209
- Cartridges not included

NP306

Limitations of use : All cartridges cannot be used where the oxygen concentration is lower than 17 % in volume nor be used for organic vapours with boiling point lower than 65 °C.



Respirator

- Single-cartridge
- Two exhalation valves
- Material : TPE
- Fit cartridge RC101
- Cartridges included

NP303



Respirator

- Dual-cartridge
- Two exhalation valves
- Material : TPE
- Fit cartridge RC101
- Cartridges included

NP304



Dust Cartridge

- For dust filtering

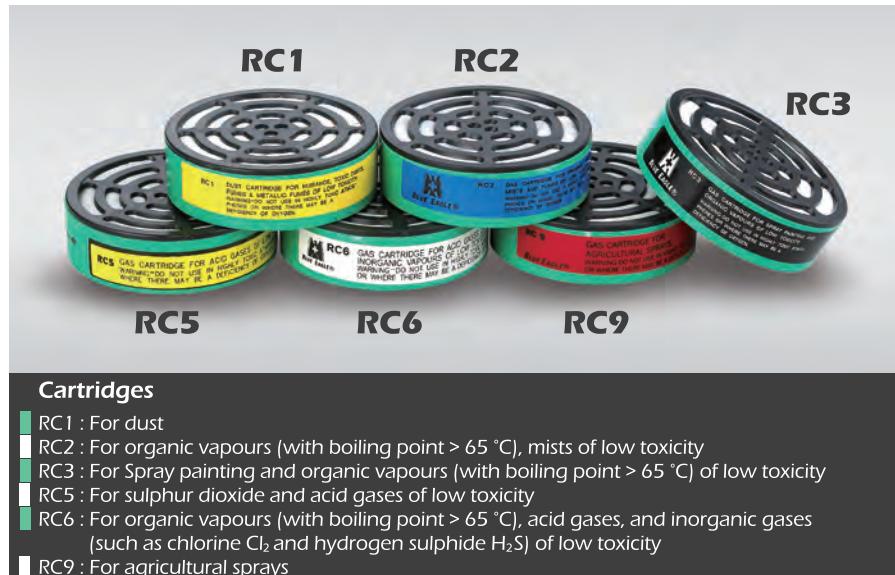
RC101



Respirator

- Single-cartridge (NP307)
- Dual-cartridge (NP308)
- Two exhalation valves
- Material : TPE
- Fit RC1~RC9
- Cartridges not included

**NP307
NP308**



Cartridges

- RC1 : For dust
- RC2 : For organic vapours (with boiling point > 65 °C), mists of low toxicity
- RC3 : For Spray painting and organic vapours (with boiling point > 65 °C) of low toxicity
- RC5 : For sulphur dioxide and acid gases of low toxicity
- RC6 : For organic vapours (with boiling point > 65 °C), acid gases, and inorganic gases (such as chlorine Cl₂ and hydrogen sulphide H₂S) of low toxicity
- RC9 : For agricultural sprays



Dust Mask

- The air space provides user better breathing experience.
- Filter is replaceable.

NP22



Activated Carbon Dust Mask

- The air space provides user better breathing experience.
- Filter is replaceable.

NP22A



Dust Filter

- For dust mask NP22

PF2

Activated Carbon Dust Filter

- For dust mask NP22A

PF3A

Safety Helmet

The safety helmet is made to protect the user's head from injury due to falling objects, impact and rain.



Since 1978

Safety Helmets



SU3R



M3



M2



M1

Material	
ABS	HR36
Ratchet headgear, 6-point nylon suspension SU3R Chin strap M1 included Class E - 20,000 V (ANSI Z89.1) No exposed metal part EN 397, ANSI Z89.1	

Material	
ABS	HC36
Pin-lock headgear, 6-point nylon suspension M3 Chin strap M1 included No exposed metal part EN 397	

Material	
ABS	HC32
Pin-lock headgear, 6-point PE suspension M2 Chin strap M1 included No exposed metal part EN397	

Material	
HDPE	HR35
Ratchet headgear, 6-point nylon suspension SU3R Chin strap M1 included No exposed metal part EN 397	

Material	
HDPE	HC35
Pin-lock headgear, 6-point nylon suspension M3 Chin strap M1 included No exposed metal part EN 397	

Material	
HDPE	HC31
Pin-lock headgear, 6-point PE suspension M2 Chin strap M1 included No exposed metal part	



Since 1978

Bump Caps



DOSH
MS
SIRIM  

Bump Cap

- Material : HDPE
- 4 - point PE suspension M6
- Color : white
- EN 812
- ANSI/ISEA 100-2024
- Chin strap not included

BP65WH



DOSH
MS
SIRIM  

Bump Cap

- Material : HDPE
- 4 - point PE suspension M6
- Color : yellow
- EN 812
- ANSI/ISEA 100-2024
- Chin strap not included

BP65YE



DOSH
MS
SIRIM  

Bump Cap

- Material : HDPE
- 4 - point PE suspension M6
- Color : blue
- EN 812
- ANSI/ISEA 100-2024
- Chin strap not included

BP65BL



DOSH
MS
SIRIM  

Bump Cap

- Material : HDPE
- 4 - point PE suspension M6
- Color : orange
- EN 812
- ANSI/ISEA 100-2024
- Chin strap not included

BP65OR



DOSH
MS
SIRIM  

Bump Cap

- Material : HDPE
- 4 - point PE suspension M6
- Color : red
- EN 812
- ANSI/ISEA 100-2024
- Chin strap not included

BP65RD



DOSH
MS
SIRIM  

Bump Cap

- Material : HDPE
- 4 - point PE suspension M6
- Color : green
- EN 812
- ANSI/ISEA 100-2024
- Chin strap not included

BP65GN



Cap Suspension

- 4 - point PE suspension
- EN 812
- ANSI/ISEA 100-2024

M6



► **BUMP CAPS** ◀



The image shows six Bump Caps arranged in two rows of three. The colors are red, orange, yellow, green, blue, and white. Each cap has a black chin strap attached.





Hoods

Various of hoods used in sandblasting, spray painting, arc-welding, etc.



Air-supplied Sandblasting Hood

- For all sandblasting operations
- Air regulator provides smooth and low noise air flow

NP503



Air-supplied Spray Painting Hood

- Light in weight
- Replaceable visor
- Air regulator provides smooth and low noise air flow

NP505



Arc-welding Leather Hood

- Lift-fornt lens holder
- Used in narrow working areas for arc-welding operations
- Lenses included

NP901



Chemical Hood

- Dual-cartridge type
- RC203 cartridges included
- Light in weight

NP312



Air-supplied Mask

- Including half-mask, belt, air regulator, and quick connector.
- Air regulator provides smooth and low noise air flow.

NP375



Emergency Eye / Body Wash

BLUE EAGLE SAFETY



Emergency Eyewash Bottle

- Size : 21 cm(H) x 7 cm (W)
- Fill with sterile water before use

EW6



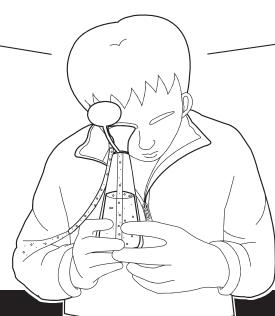
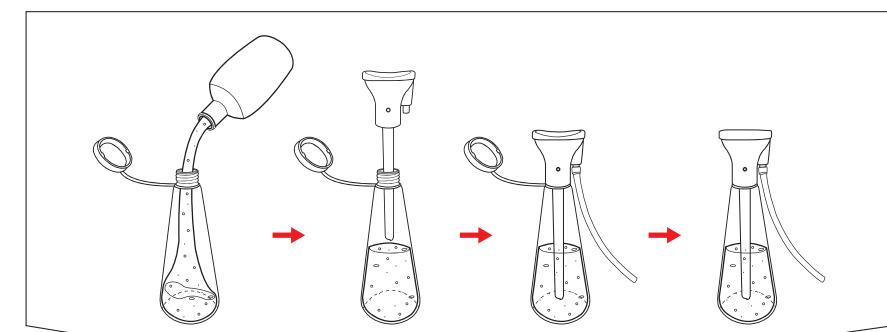
Emergency Eyewash (wall mounted type)

- Basin Material : Stainless steel
- Diameter : 30 cm
- Sprayheads with protective covers

EW402



EW607



Emergency Eyewash and Shower

- Basin Material : Stainless steel
- Diameter : 30 cm
- Sprayheads with protective covers
- Flange Material : Stainless steel
- Diameter : 25 cm
- Copper alloy shower head



ATG1515

Fire Blanket

Description : It offers help putting out dangerous fires within the home , workplace, car or boat.

Size : 150 x 150 cm

Weight : 430 g/m²

Material : Woven fiberglass fabric

Temperature Tolerance : 530 °C



HTX-600

Welding Blanket

Description : The welding blankets provide excellent protection from sparks, spatter and slag generated by welding or metal-cutting application.

The blankets also provide resistance to most chemicals.

Size : 150 x 89 cm

Weight : 600 g/m²

Material : Amorphous silica fabric

Temperature Tolerance : 1600 °C



HTX-1000

Enhanced Welding Blanket

Description : The welding blankets provide excellent protection from sparks, spatter and slag generated by welding or metal - cutting application.

The blankets also provide resistance to most chemicals.

Size : 150 x 89 cm

Weight : 1100 g/m²

Material : Amorphous silica fabric

Temperature Tolerance : 1600 °C



Aluminized Clothing

Aluminized Clothing provides excellent protection against radiant heat and molten metal splashes.

HEAT AND FLAME PROTECTION

BLUE EAGLE aluminized clothing (heat protective clothing) offers excellent protection against radiant heat and molten metal splashes, and is suitable for use in steel mills, metal foundries, glass works, and other places with high levels of radiant heat.

When tested according to **EN 11612, Protective clothing - clothing to protect against heat and flame**, BLUE EAGLE aluminized clothing shows excellent performances.

Limited Flame Spread A1

It shows perfect performances : no flame, no molten debris, no hole, no afterglow, no afterflame.

Convective Heat B1



Radiant Heat C3



Molten Aluminium Splashes D2



Molten Iron Splashes E3

★★★ Highest Level

Contact Heat F2



BACK OF THE HAND

Aluminized outside provides protections against radiant heat and molten metal splashes.

Gloves
AL145

FINGER

In the test of burning behavior, it shows the highest performance level 4.

PALM AREA

Woven Aramid fabric, which provides protections against contact heat and has mechanical properties.
Abrasion resistance: level 2
Blade cut resistance: level 3
Tear resistance : level 4

Model	Length	Type
AL145	35 cm (14 inches)	Gloves
AL165	40 cm (16 inches)	Gloves

Aluminized Gloves

The aluminized protective gloves provide excellent protections against radiant heat and molten metal splashes. Ideal for use in steel mills, casting shops, heat treating operations and foundries.

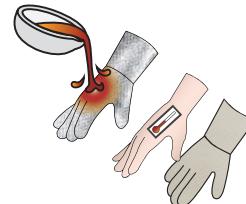
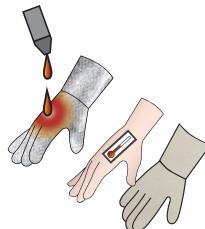
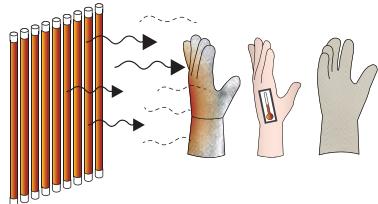
Standards

EN 407 - Protective gloves against thermal risks (heat and / or fire)

EN 388 - Protective gloves against mechanical risks



Thermal Risks Test results of EN 407



Radiant Heat (highest level)

Position the glove in front of a 20 kW/m^2 radiant heat source. Measure and record how long it takes to increase the inner side temperature of the glove with 24°C .

Performance Level	Heat Transfer Lever, t_{24} (second)
1	≥ 7
2	≥ 20
3	≥ 50
4	≥ 95

Small Splashes Molten Metal

The test is based on the number of drops of molten metal that generates a temperature increase between the glove material and the skin with 40°C .

Performance Level	Number of droplets
1	≥ 10
2	≥ 15
3	≥ 25
4	≥ 35

Large Quantities of Molten Metal

The PVC foil skin-simulant shall not exhibit any smoothness or other changes to the grained surface with the relevant quantities of molten iron used below.

Performance Level	Quantities of Molten Iron
1	30 g
2	60 g
3	120 g
4	200 g



Contact Heat

Place the glove on a calorimeter, and bring the heated metal into contact with the calorimeter with a standard force. Measure how long does it take for the inner side of the glove to become 10°C warmer than it was.

Performance Level	Temperature ($^\circ\text{C}$)	Threshold Time (s)
1	100	≥ 15
2	250	≥ 15
3	350	≥ 15
4	500	≥ 15

Burning Behaviour (highest level)

Place a burner with standard flame below the glove. After 15 seconds, remove the burner. Measure and record the After flame time and After glow time.

Performance Level	After flame time (second)	After glow time (second)
1	≤ 20	N/A
2	≤ 10	≤ 120
3	≤ 3	≤ 25
4	≤ 2	≤ 5



Mechanical Risks Test results of EN 388

Mechanical Risks

Test	Level 1	Level 2	Level 3	Level 4	Level 5
Abrasion Resistance (number of cycles)	100	500	2000	8000	-
Blade Cut Resistance (cut index)	1.2	2.5	5.0	10.0	20.0
Tear Resistance (N)	10	25	50	75	-
Puncture Resistance (N)	20	60	100	150	-

Convective Heat

Position the glove above a burner. Ignite the burner, measure and record how long it takes to increase the inner side temperature of the glove with 24°C .

Performance Level	Heat Transfer Index, HTI (second)
1	≥ 4
2	≥ 7
3	≥ 10
4	≥ 18



Heat Reflective Aluminized Hood

Model :

AL19

Features :

- Aluminized visor
- Aluminized FR fabric
- Reflect radiant heat away
- Face feels cooler
- More comfortable
- Block UV
- Lift-front design

Aluminized Hood

- Aluminized visor
- Aluminized FR fabric
- Reflect radiant heat
- Block UV
- Equipped safety cap

AL1

Aluminized Faceshield

- Aluminized visor
- Aluminized FR fabric
- Reflect radiant heat
- Block UV

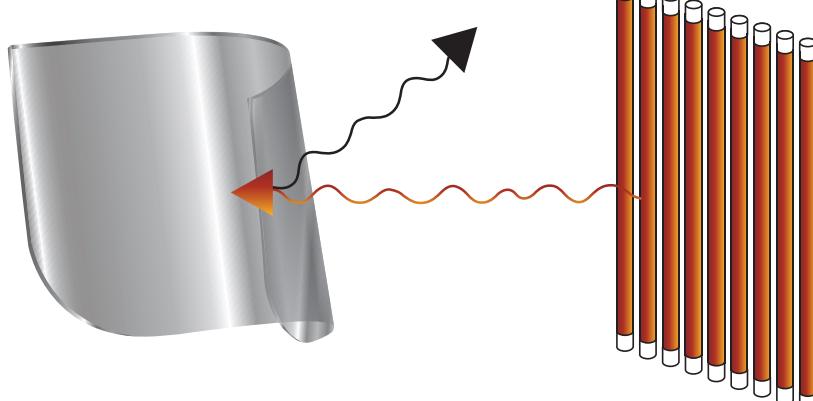
ALBR3

Aluminized Visor / Bracket

- Aluminized visor
- Aluminum bracket
- Reflect radiant heat
- Block UV

A4 (Bracket)
FCR3 (Visor)

Aluminized Visor



- Aluminized visor reflects most radiant heat, so user's face will feel more comfortable and cooler.
- IR-reflectance > 75 %
- RHTI24 > 95 seconds. Achieve the highest level of radiant heat performance level when tested according to EN 6942-Protection against heat and fire-Method of test : Evaluation of materials and material assemblies when exposed to a source of radiant heat.
- Block both UV and IR.

Radiant Heat

Radiant heat is a heat which radiates out from high temperature objects, such as melt iron and melt glass. The total amount of radiation increases steeply as the temperature rises; it grows as T^4 , where T is the absolute temperature of the body. The total radiative intensity of a black body rises as the fourth power of the absolute temperature, as expressed by the — StefanBoltzmann law. In the plot, the area under each curve grows rapidly as the temperature increases. For example, molten iron at the temperature of 1800 K (1527 °C) radiates 1296 times as much energy as an object at room temperature 300 K (27 °C). In small doses, radiant heat can be warm and welcoming. However , the large amount of radiant heat generated by high mass, high temperature object, such as molten metal in steel mills, can be very dangerous and a serious threat of workers' safety.

Radiant heat travels in invisible waves through space. When radiant heat hit a person, it is absorbed, converted into heat, and would cause unbearable pain and followed by second-degree burns. That is why workers need to wear aluminized apparels and visors.

When radiant heat hit a clear or tinted faceshield, its temperature would be increased and would cause it to melt. Unlike clear or tinted faceshields, BLUE EAGLE aluminized apparels and faceshields can reflect radiant heat and limit a rise in temperature on the apparels and visors to protect users.

Clear Visor



Disadvantages

- A Clear visor only absorbs a little radiant heat, and most of the heat still transmits to user's face and eyes.
- User's face feels hot, and radiant heat harms user's face and eyes.
- Since the visor is clear, users are forced to look at the very bright objects, such as molten metal, directly.

Tinted Visor



Disadvantages

- A Tinted visor only absorbs some radiant heat, and most of the heat still transmits to user's face and eyes.
- User's face feels hot, and radiant heat harms user's face and eyes.



A clear visor molten by radiant heat



A tinted visor molten by radiant heat



Coat

Model :

AL2

Chest circle :
48 "

Coat length :
29 "

Trousers

Model :

AL3

Waist circle :
34 "

Trouser length :
39 "

Features

- Excellent radiant heat protection
- Excellent molten metal splashes protection
- Flame Resistance (FR)
- Contact heat protection
- Convective heat protection
- Coat and trouser styles

Robe

Model :

AL29

Chest circle : Length :

57 " 51 "

Features

- Excellent radiant heat protection
- Excellent molten metal splashes protection
- Flame Resistance (FR)
- Contact heat protection
- Convective heat protection
- Robe style
- Easily put on and take off



Apron with sleeves

Model :

AL6

Chest width : Length :

27 "

49 "

Features

- Excellent radiant heat protection
- Excellent molten metal splashes protection
- Flame Resistance (FR)
- Contact heat protection
- Convective heat protection
- Apron with sleeves style
- Light weight
- Front protection only
- Easily put on and take off



Apron

Model :

AL7

Width : Length :

27 "

39 "

Features

- Excellent radiant heat protection
- Excellent molten metal splashes protection
- Flame Resistance (FR)
- Contact heat protection
- Convective heat protection
- Apron with sleeves style
- Light weight
- Front protection only
- Easily put on and take off

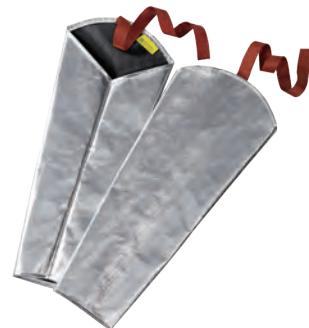


**Boots**

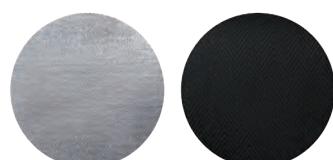
- Aluminized FR fabric
- Radiant heat protection
- Molten metal splashes protection
- Reflect radiant heat
- Steel toe, boots height : 8"

AL4**Gaiters**

- Aluminized FR fabric
- Radiant heat protection
- Molten metal splashes protection
- Reflect radiant heat
- Height : 9"

AL5**Sleeves**

- Aluminized FR fabric
- Radiant heat protection
- Molten metal splashes protection
- Reflect radiant heat
- Length : 22"

AL8

Aluminized Fire Resistant Rayon Fabric

Providing excellent protection against radiant heat and molten metal splashes. Rayon fabric offer outstanding soft texture and sweat absorption. No fiberglass is added to prevent users from skin redness & itchiness.



Aluminized Aramid/Oxidized Pan Fiber Fabric

Providing the best molten metal splashes protection. In addition, it is soft and lightweight. Comfortable to wear.



 EN 11612 : Protective clothing-Clothing to protect against heat and flame



Limited Flame Spread

Following the test method (A1). No specimen shall suffer flaming to the top or either side edge; No specimen shall suffer hole formation; No specimen shall melt or suffer flaming or molten debris; the mean value of after flame time shall be under 2 s; the mean value of afterglow time shall be under 2 s.

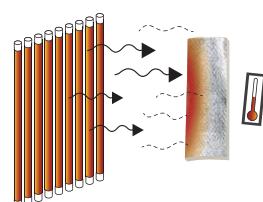
Performance Level	A1	Afterflame time 0 second
Afterflame time		0 second
Afterglow time		0 second



Convective Heat

Position the clothing above a standard burner. Ignite the burner, measure and record how long it takes to increase the other side temperature of the clothing with 24°C.

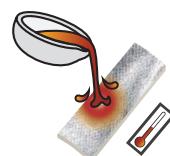
Performance Level	Heat transfer index HTI 24 (s)	
	min.	max.
B1	4	< 10.0
B2	10.0	< 20.0
B3	20.0	



Radiant Heat

Position the clothing in front of a 20 kW/m² radiant heat source, measure and record how long it takes to increase the other side temperature of the clothing with 24°C.

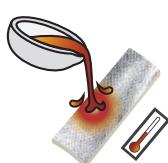
Performance Level	Heat transfer index RHTI 24 (second)	
	min.	max.
C1	7.0	< 20.0
C2	20.0	< 50.0
C3	50.0	< 95.0
C4	95.0	



Molten Aluminum Splashes

Pouring certain grams of molten aluminum onto the clothing and exam the sign of damage on the other side.

Performance Level	Grams	
	min.	max.
D1	100	< 200
D2	200	< 350
D3	350	



Molten Iron Splashes

Pouring certain grams of molten iron onto the clothing and exam the sign of damage on the other side.

Performance Level	Grams	
	min.	max.
E1	60	< 120
E2	120	< 200
E3	200	



Contact Heat

Place clothing on a calorimeter, and bring a 250°C heated metal into contact with the calorimeter with a standard force. Measure how long does it take for the other side of the clothing to become 10°C warmer than it was.

Performance Level	Threshold Time (s)	
	min.	max.
F1	5.0	< 10.0
F2	10.0	< 15.0
F3	15.0	

**Full Body Safety Harness**

- Belt : 45 mm (W), polyester
- Rope : Ø14 mm x 1.5 M, polyester
- DOUBLE-LOCK safety hook
- Hook opening : 17 mm
- One D-ring

KA91**Full Body Safety Harness**

- Belt : 45 mm (W), polyester
- Rope : Ø14 mm x 1.5 M, polyester
- DOUBLE-LOCK safety hook
- Hook opening : 55 mm
- One D-ring

KA91H**Full Body Safety Harness**

- Belt : 50 mm (W), nylon
- Rope : Ø14 mm x 1.5 M, polyester
- DOUBLE-LOCK safety hook
- Hook opening : 17 mm
- Two D-rings

NP787**Lineman's Safety Belt**

- Belt : 60 mm (W), nylon
- Rope : Ø14 mm x 1.5 M, polyester
- DOUBLE-LOCK safety hook
- Hook opening : 17 mm
- Two D-rings

NP739



Safety Belt

- Belt : 60 mm (W) x 1.2 M (L), nylon; Rope : Ø14 mm x 1.5 M, polyester
- DOUBLE-LOCK safety hook, opening : 17 mm
- Two D-rings

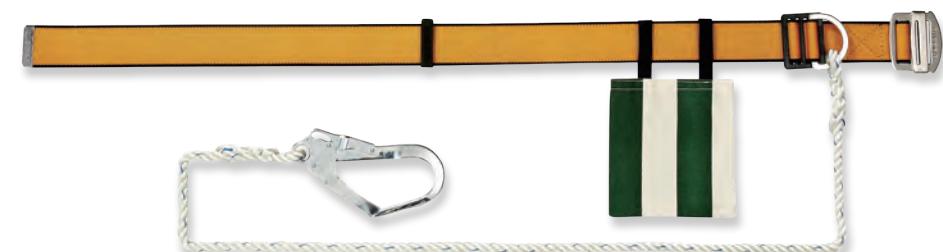
NP737



Safety Belt

- Belt : 50 mm (W) x 1.2 M (L), nylon; Rope : Ø14 mm x 1.5 M, polyester
- DOUBLE-LOCK safety hook, opening : 17 mm
- One D-ring

NP727



Safety Belt

- Belt : 60 mm (W) x 1.2 M (L), nylon; Rope : Ø14 mm x 1.5 M, polyester
- DOUBLE-LOCK safety hook, opening : 55 mm
- One D-ring

NP758



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