

Industrial Safety Equipment

CATALOG NO. A41





**SAFETY
FOR
EVERYONE**

Catalog



FACE
Protection

P01



ARC FLASH
Protection

P15



EYES
Protection

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WELDING
Protection

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HEARING
Protection

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Protection

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Protection

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HOODS
Protection

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EYEWASH
Protection

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BLANKET
Protection

P40



HEAT REFLECTION
Protection

P41



FALL
Protection

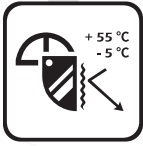
P51



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.



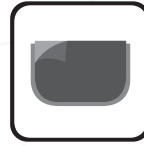
Protection against splashes and liquids

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.



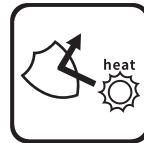
Protective films

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

B1




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

0.8 mm Polycarbonate




Visor

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

FC45N

0.8 mm Polycarbonate

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



CE **ANSI** Z94.3

Visor

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

FC48T

1.5 mm Polycarbonate



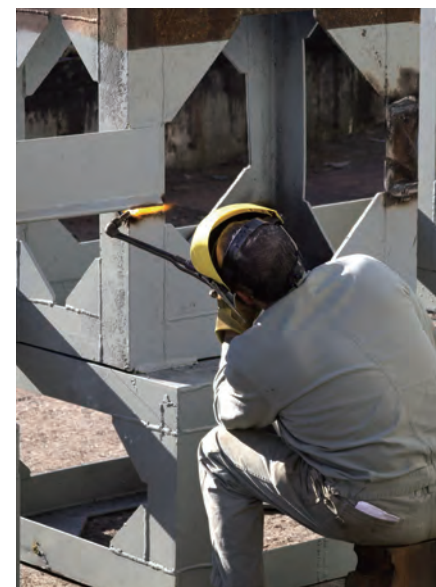
CE **ANSI**

Anti-fog Visor

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

FC48AF

1.0 mm Acetate




CE **ANSI**

UV Visor

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

FC48G3

1.0 mm Polycarbonate



CE **ANSI**

UV Visor

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

FC48G5

1.0 mm Polycarbonate



ANSI

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 **ANSI Z94.3**

Visor

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

FC25

0.8 mm Polycarbonate



ANSI Z94.3

Visor

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

FC28

1.0 mm Polycarbonate



ANSI Z94.3

Visor

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

FC28T

1.5 mm Polycarbonate



CE **ANSI Z94.3**

Visor

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

FC25N

0.8 mm Polycarbonate



ANSI Z94.3

Visor

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

FC28N

1.0 mm Polycarbonate



ANSI

Anti-fog Visor

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

FC28AF

1.0 mm Acetate



ANSI

UV Visor

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

FC28G3

1.0 mm Polycarbonate



ANSI

UV Visor

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

FC28G5

1.0 mm Polycarbonate



ANSI

UV Visor

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

FC28G5N

1.0 mm Polycarbonate

Since 1978

Steel Mesh Faceshields

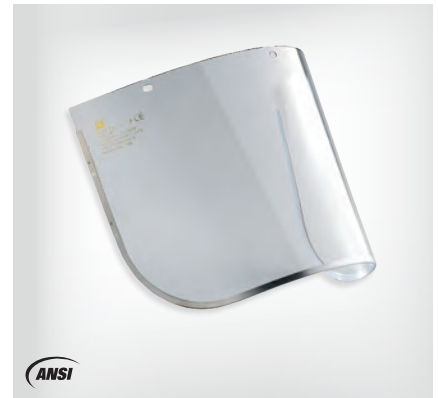


ANSI

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

Mesh Visor

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

FC29

Steel
Mesh



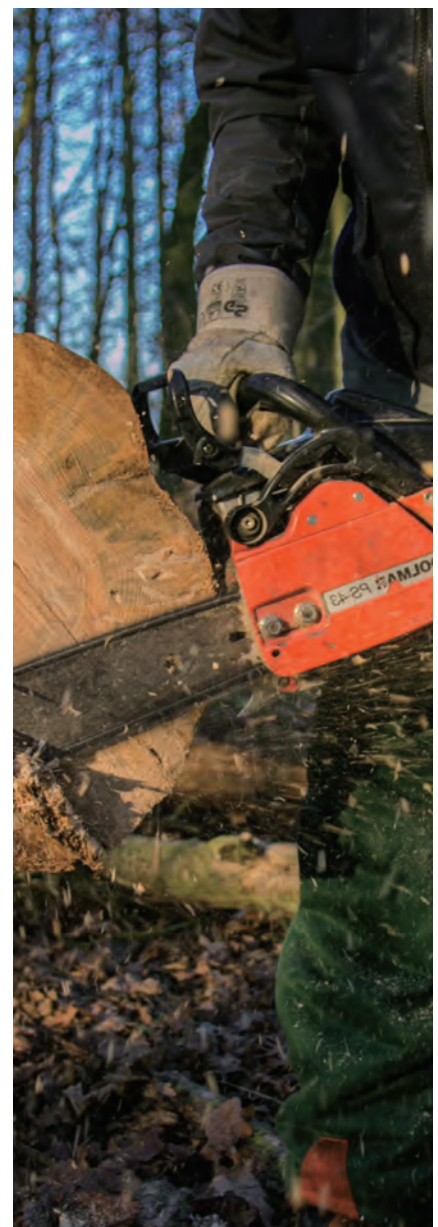
ANSI

Mesh Visor

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

FC29M

Steel
Mesh





▶ FACE PROTECTION ◀



Z94.3

Browguard

- Use with FC visors
- Ratchet Headgear
- Material : ABS

B1



Z94.3

Chinguard

- Use with FC73, FC83
- Material : ABS

C3



Z94.3

Visor

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

FC83

1.0 mm Polycarbonate



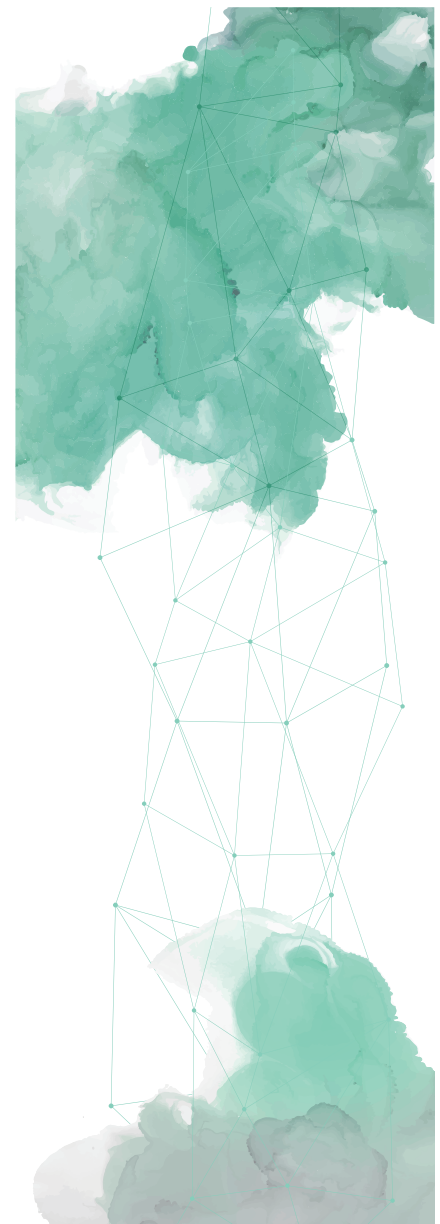
Z94.3

Visor

- Impact class : ET, Z87
- Splashes protection
- Best optical quality
- Protective films
- Size : 7 x 15½" (17.5 x 39 cm)
- UV protection

FC73

1.0 mm Polycarbonate

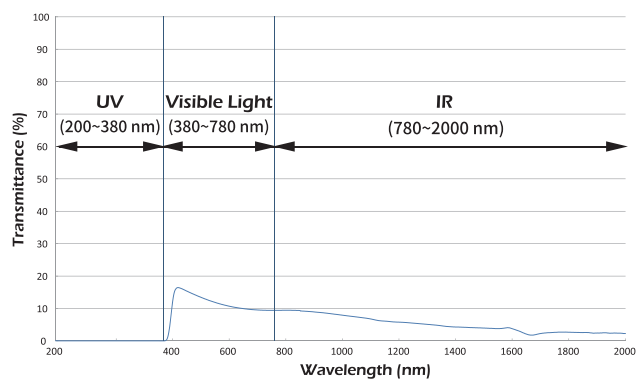


Since 1978

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

- Use with K visors
- 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

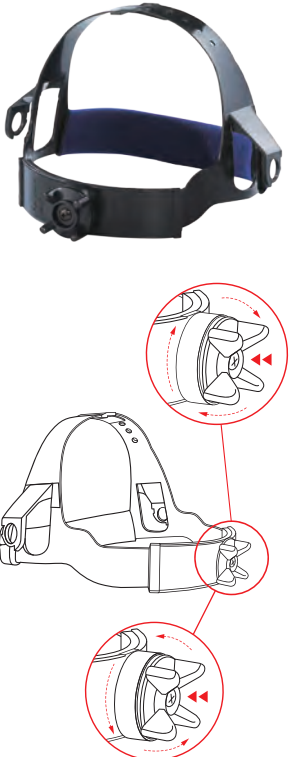



CE  Z94.3

Headgear




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

HG1







Headgear




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

HG2



CE  Z94.3

Headgear

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

HG3



CE  Z94.3

Headgear

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

HG4



CE  Z94.3

Headgear

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

HG7

Visor Brackets

BLUE EAGLE SAFETY



Bracket
 Use with FC visors
 Color : Black
 Material : ABS
 Fit regular helmets

A2



Bracket
 Use with FC visors
 Color : Black
 Material : ABS/Aluminum
 Fit regular helmets

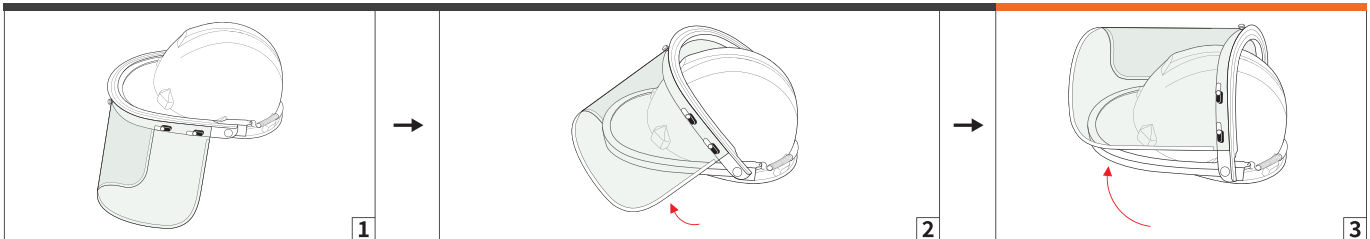
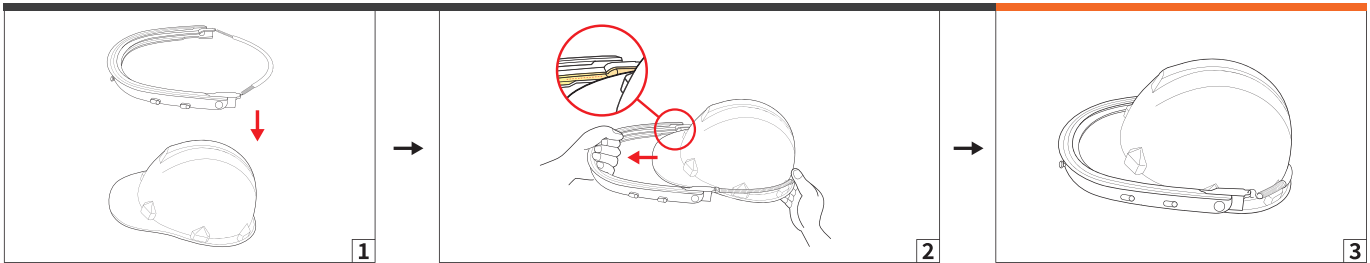
A3



Bracket
 Use with FC visors
 Material : Aluminum
 Fit regular helmets

A4
 (Black)
A4WH
 (Silver)

Bracket Assembling




Bracket
 Designed to fit most regular safety helmets.
 Provide head and face protection together.
 Fit all FC series visors.

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

A3
 (Bracket)
FC48
 (Visor)



Since 1978

Visor Brackets

For Round-brim helmet

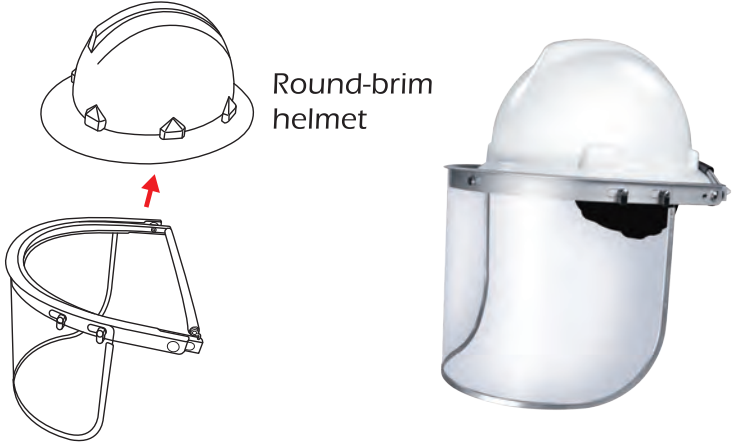


CE ANSI Z94.3

Bracket

- Use with FC visors
- Material : Aluminum
- Fit round-brim helmets

AR4WH



Round-brim helmet

Insulated Brackets

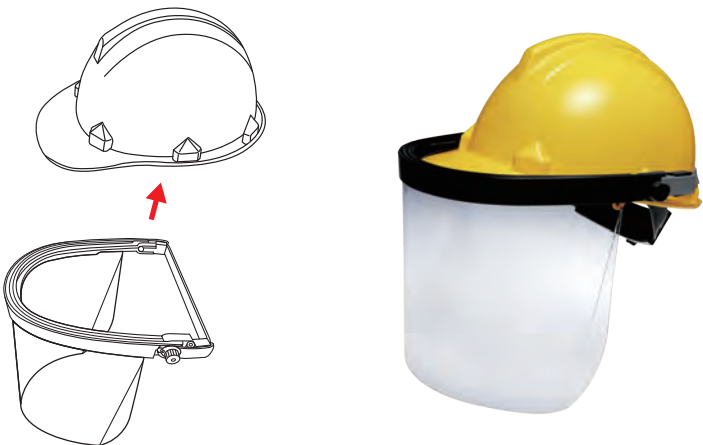


CE ANSI Z94.3

Bracket

- Use with FC visors sized in 8" x 15 1/2"
- Material : ABS
- Fit regular helmets
- Color : Blue, Black

A8



CE ANSI Z94.3



Bracket

- Use with FC visors sized in 8" x 15 1/2"
- Material : ABS
- Fit slotted helmets
- Color : Blue, Black




A8X



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



Electrical

Faceshields for electrical works



NFPA 70E

Comply with NFPA 70E



Impact

High impact resistance



Hot Solid

Protection against molten metals and hot solids



Hueth View

Always see true colors



UV Filter

UV protection



IR Filter

IR protection



Best Vision

Best optical quality

MORE INFO

Learning more about the specifications.



Rubber Band Fastening



Clip Fastening



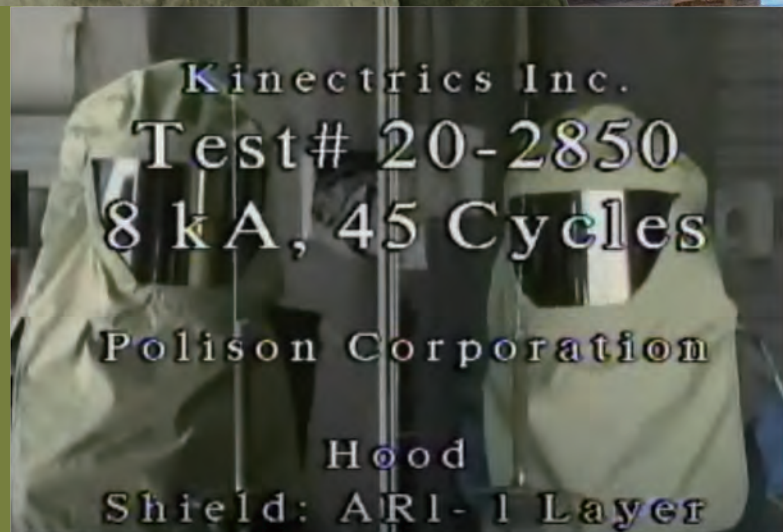
Browguard Type





Arc Flash Clothing

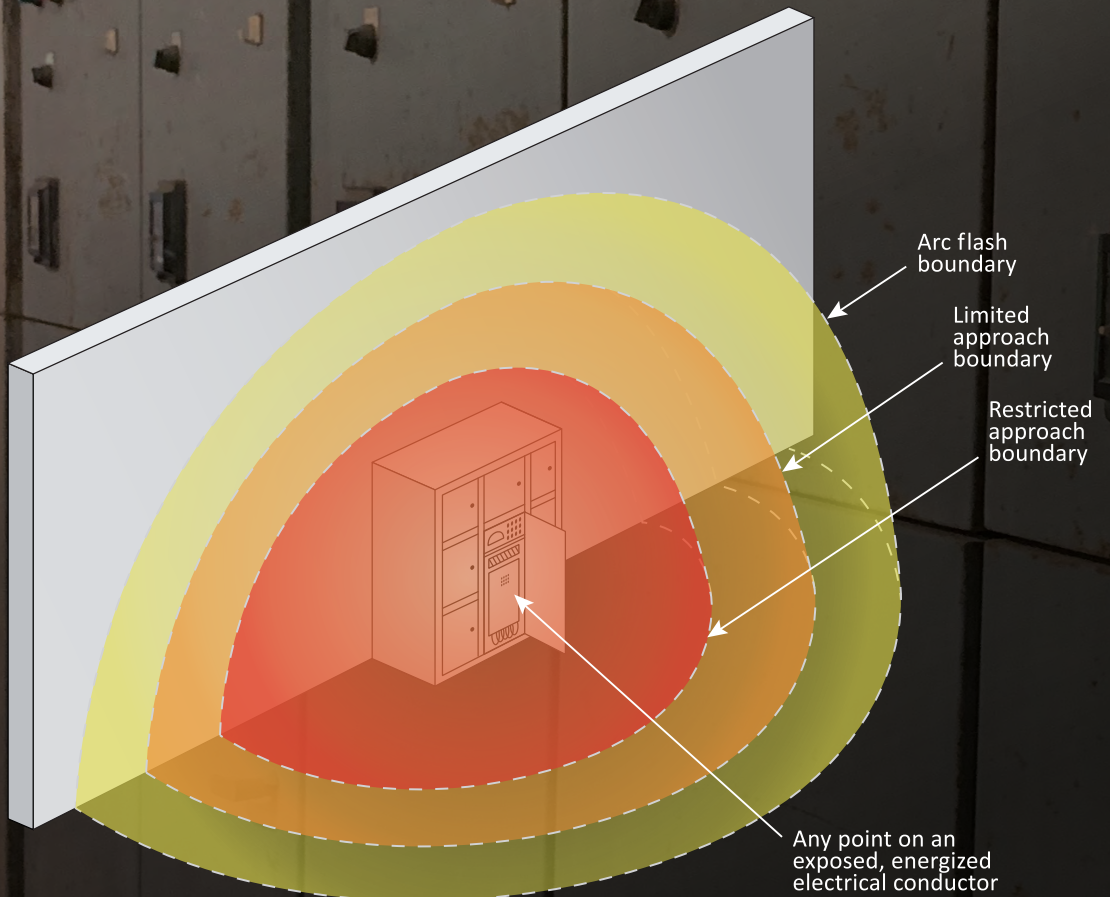
BLUE EAGLE[®]
AR series arc-rated
garment is designed
to reduce the energy
caused by arc flash.



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.

✓ The Most Comfortable and Functional Design

FR hook & loop fastener, quick disconnect shoulder straps, expandable leg opening to fit over boots, pockets, elastic waistband, great adjustability and considered cutting and shaping make it the most comfortable and functional Arc Flash garments.

✓ Highly Durable

The fabrics have been tested to industrial washes and passing the arc flash test after washing. It also has excellent mechanical strength and color fastness.



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 1.5 mm Polycarbonate

Goggle

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

SG152



ANSI 1.5 mm Polycarbonate

Goggle

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

SG154



ANSI 1.5 mm Polycarbonate

Goggle

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

SG155



ANSI 1.5 mm Polycarbonate

Goggle

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

NP152



Since 1978

Goggles



1.0 mm
Polycarbonate

Goggle

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

NP102



1.0 mm
Polycarbonate

Goggle

- Impact class : C, Z87
- Polycarbonate lens
- Indirect venting
- UV protection
- Protection against droplets

NP104



1.0 mm
Acetate

Goggle

- Impact class : F, Z87
- Acetate lens
- Permanent Anti-fog
- Indirect venting

NP105



Welding Goggle

- Fixed type
- ANSI Z87.1
- Filter : Shade No. W5

GW240



Spectacle

- For furnace observation
- Cobalt blue color glass
- IR, UV protection
- Filters :
EN171 shade No. 4-6
ANSI Z87.1 shade No. R10

NP247



Spectacle

- For furnace observation
- Green color glass
- IR, UV protection
- Filter : Shade No. W5

NP248





CE ANSI Z94.3

Welding Helmet

- Lift-front lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP
- Lens not included

633P



ANSI

Welding Helmet

- Fixed lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP
- Lens not included

635P



ANSI

Welding Helmet

- Fixed lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP
- Lens not included

DA11



ANSI

Welding Helmet

- Lift-front lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP
- Lens not included

DA11L



CE ANSI

Welding Helmet

- Fixed lens holder
- Lens Size : 4¼ x 3¼"
- 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 Z94.3

Welding Helmet

- Fixed lens holder
- Lens Size : 5¼ x 4½"
- Material : PP
- Lens not included

934P



ANSI Z94.3

Welding Helmet

- Lift-front lens holder
- Lens Size : 5¼ x 4½"
- Material : PP
- Lens not included

936P

Since 1978

Welding Helmets



CE ANSI

Welding Helmet

- Lift-front lens holder
- ABS bracket
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP
- Lens not included

6PA2



ANSI

Welding Helmet

- Lift-front lens holder
- Semi-Aluminum bracket
- Lens Size : 4¼ 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 : 4¼ x 2" (108 x 51 mm)
- Material : PP
- Lens not included

632P



ANSI

Welding Helmet

- Lift-front lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP
- Lens not included

567P

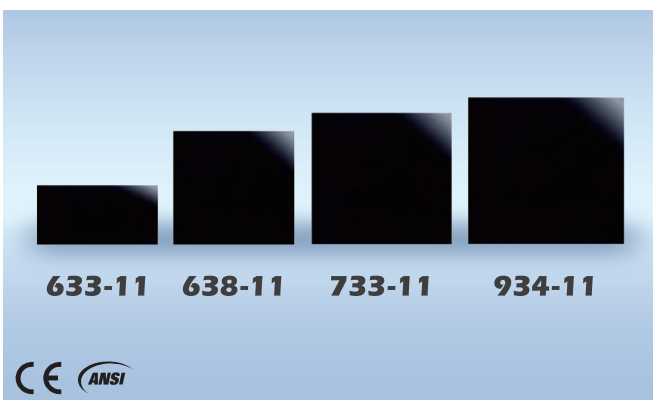


ANSI

Welding Handshield

- Lens Size : 4¼ x 3¼"
- Material : PP
- Lens not included

637P

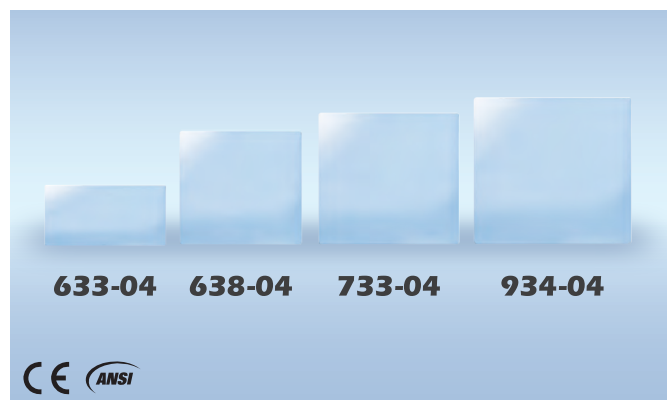


633-11 638-11 733-11 934-11

CE ANSI

Welding Lens

- Size : 4¼ x 2" (108 x 51 mm), 4¼ x 3¼", 110 x 90 mm, 5¼ x 4½"
- Shade No. : 11
- Material : Glass



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

CE ANSI

Cover Lens

- Size : 4¼ x 2" (108 x 51 mm), 4¼ x 3¼", 110 x 90 mm, 5¼ x 4½"
- Material : Polycarbonate



Hearing Protection



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

Since 1978

Earplugs



Earplugs

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

NP363



Earplugs

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

NP364



With neck string

NP35K



Earplugs

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

NP353



Earplugs

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

NP354



NP35M



With neck string

NP32K



Earplugs

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

EP7



Earplugs

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

EP7C



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
- Meltblown 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	NP12K
1 PC / Bag	
50 PCS /	

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



FDA Registered

- Low breathing resistance
- Outer layer : water resistance
- Activated carbon layer: odor absorbing
- Meltblown 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	NP12
5 PCS / Bag	
50 PCS /	

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



FDA Registered

- 3-ply Dust Face Mask**
- Low breathing resistance
 - Outer layer : water resistance
 - Meltblown layer : particles filtering
 - Inner layer : sweat absorbing
 - Twin wire adjustable nosepiece ensures custom shape
 - U.S.A. FDA Registration Number 3002822896

Package	NP13
5 PCS / Bag	
50 PCS /	

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

Since 1978

Dust Masks

4-ply PM2.5 Dust Face Mask



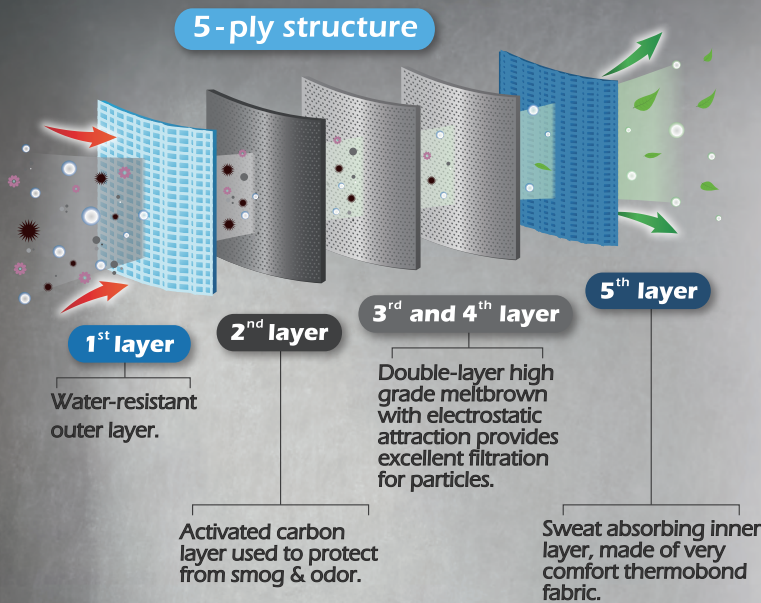
- Low breathing resistance
- Outer layer : water resistance
- DOUBLE Meltblown layer : better particles filtering
- Inner layer : sweat absorbing
- Twin wire adjustable nosepiece ensures custom shape
- Complied with CNS 15980 PM2.5 standard

Package

25 PCS / BOX

NP4D

5-ply PM2.5 Activated Carbon Face Mask



FDA Registered



- 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
- Complied with CNS 15980 PM2.5 standard
- U.S.A. FDA Registration Number 3002822896

Package

25 PCS / BOX

NP4DC



▶ RESPIRATORY PROTECTION ◀



Respirator

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

NP305



Respirator

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

NP306



RC201 **RC202** **RC203**

RC205 **RC206** **RC209**

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

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
<ul style="list-style-type: none"> ■ 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
<ul style="list-style-type: none"> ■ Pin-lock headgear, 6-point nylon suspension M3 ■ Chin strap M1 included ■ No exposed metal part ■ EN 397 	

Material	
ABS	HC32
<ul style="list-style-type: none"> ■ Pin-lock headgear, 6-point PE suspension M2 ■ Chin strap M1 included ■ No exposed metal part ■ EN397 	

Material	
HDPE	HR35
<ul style="list-style-type: none"> ■ Ratchet headgear, 6-point nylon suspension SU3R ■ Chin strap M1 included ■ No exposed metal part ■ EN 397 	

Material	
HDPE	HC35
<ul style="list-style-type: none"> ■ Pin-lock headgear, 6-point nylon suspension M3 ■ Chin strap M1 included ■ No exposed metal part ■ EN 397 	

Material	
HDPE	HC31
<ul style="list-style-type: none"> ■ Pin-lock headgear, 6-point PE suspension M2 ■ Chin strap M1 included ■ No exposed metal part 	



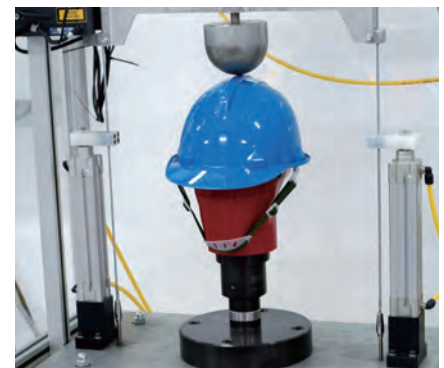
ANSI

SU8R

Safety Helmet

- Ratchet headgear, 8-point nylon suspension SU8R
- Chin strap M1 included
- ANSI Z89.1 class E

HR82



Since 1978

Bump Caps



DOSH MS SIRIM CE ANSI

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 CE ANSI

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 CE ANSI

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 CE ANSI

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 CE ANSI

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 CE ANSI

Bump Cap

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

BP65GN



CE ANSI

Cap Suspension

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

M6



BLUE EAGLE

► **BUMP CAPS** ◀






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-front 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

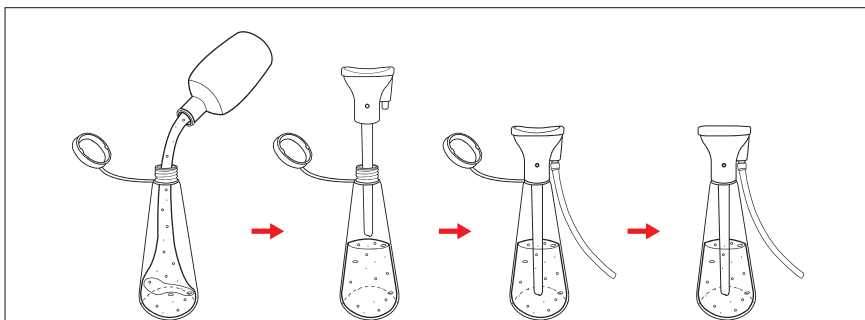
EW402



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



Since 1978

Fire / Welding Blankets



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**

★★★☆☆



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

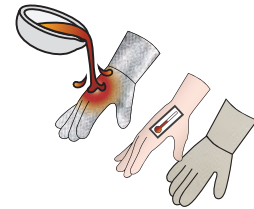
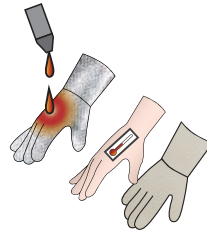
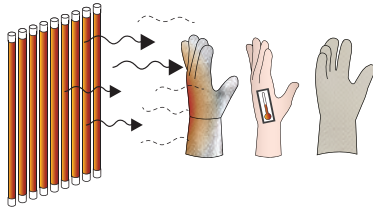
EN 407 - Protective gloves against thermal risks (heat and / or fire)

EN 388 - Protective gloves against mechanical risks

Since 1978

HEAT REFLECTION PROTECTION

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 Level, 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 (°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



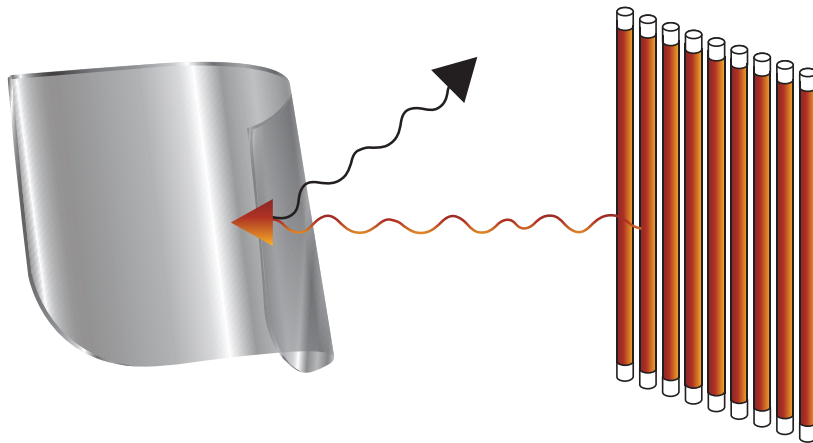
Aluminized Visor / Bracket

- 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.

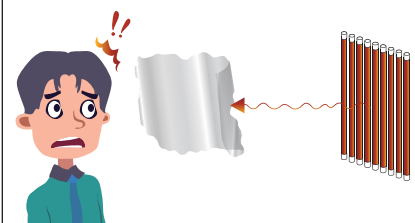
Radiant Heat

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 — Stefan-Boltzmann 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

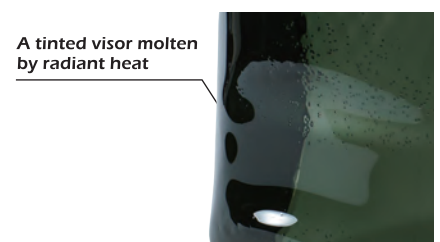


Disadvantages

- 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	Trousers
Model : AL2	Model : AL3

Chest circle : 48 "	Waist circle : 34 "
Coat length : 29 "	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 : 57 "	Length : 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"

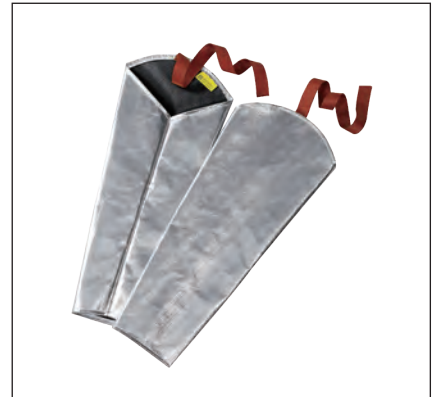
AL4



Gaiters

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

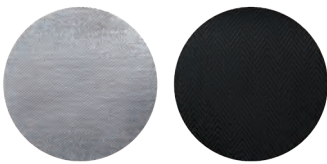
AL5



Sleeves

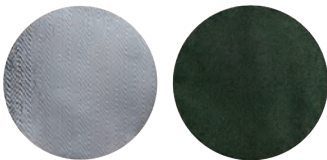
- Aluminized FR fabric
- Radiant heat protection
- Molten metal splashes protection
- Reflect radiant heat
- Length : 22"

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.



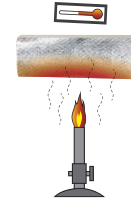
★ EN 11612 : Protective clothing-Clothing to protect against heat and flame



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.

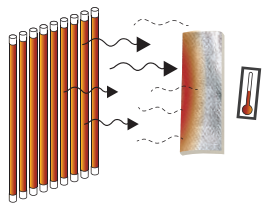
Performance Level	A1	Afterflame time	0 second
		Afterglow time	0 second
Afterflame time			0 second
Afterglow time			0 second



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.

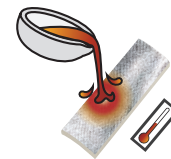
Performance Level	Heat transfer index HTI 24 (s)	
	min.	max.
B1	4	< 10.0
B2	10.0	< 20.0
B3	20.0	



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.

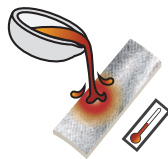
Performance Level	Heat transfer index RHTI 24 (second)	
	min.	max.
C1	7.0	< 20.0
C2	20.0	< 50.0
C3	50.0	< 95.0
C4	95.0	



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

