

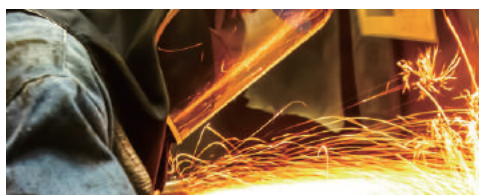
CATALOG NO. A37





**SAFETY
FOR**

Catalog



FACE
Protection

P01



ARC FLASH
Protection

P17



EYES
Protection

P19



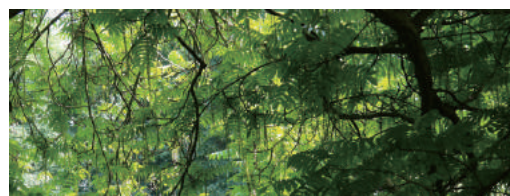
WELDING
Protection

P21



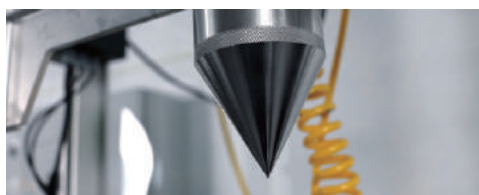
HEARING
Protection

P25



BREATHING
Protection

P27



HEAD
Protection

P35



HOODS
Protection

P39



EYEWASH
Protection

P41



BLANKET
Protection

P43



**HEAT
REFLECTION**
Protection

P45



FALL
Protection

P55

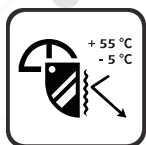


Face Protection

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

Comprehensive eye and face protection



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

A 190m/s B 120m/s F 45m/s

At room temperature

A 190m/s B 120m/s F 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 EN 166, 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 have been tested and certified to EU standards CE EN 166.



Best optical quality

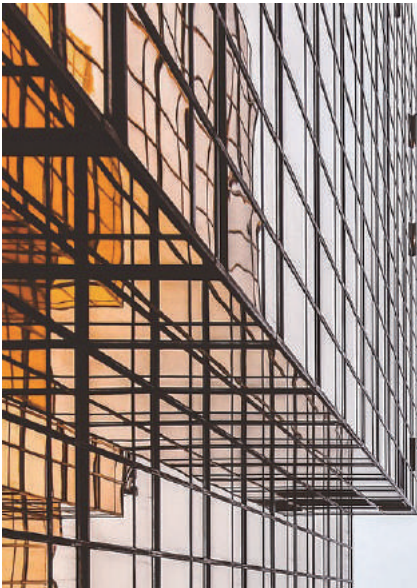
To give users the best vision so that they can focus on the job, the faceshield has the highest optical properties (Class 1) in tests of spherical refractive power, astigmatic refractive power, prismatic refractive power, and light diffusion.

**SAFETY
FIRST!**





► FACE PROTECTION ◀



CE ANSI CSA

Browguard

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

B1YE



CE ANSI CSA

Browguard

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

B1OR



CE ANSI CSA

Browguard

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

B1BL



CE ANSI CSA

Browguard

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

B1GN

Since 1978

Faceshields

Size: 8x15½" (20x39cm)



CE ANSI CSA

0.8 mm
Polycarbonate

Visor

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

FC45



CE ANSI CSA

1.0 mm
Polycarbonate

Visor

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

FC48



CE ANSI CSA

1.5 mm
Polycarbonate

Visor

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

FC48T



CE ANSI CSA

0.8 mm
Polycarbonate

Visor

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

FC45N



CE ANSI CSA

1.0 mm
Polycarbonate

Visor

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

FC48N



CE ANSI

1.0 mm
Acetate

Anti-fog Visor

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

FC48AF



CE ANSI

Steel
Mesh

Mesh Visor

- Impact class : F
- Forestry work
- Grass / bush trimming
- Aluminum bound
- Steel mesh

FC49



CE ANSI

Steel
Mesh

Mesh Visor

- Impact class : F
- Forestry work
- Grass / bush trimming
- Plastic bound
- Steel mesh

FC49M

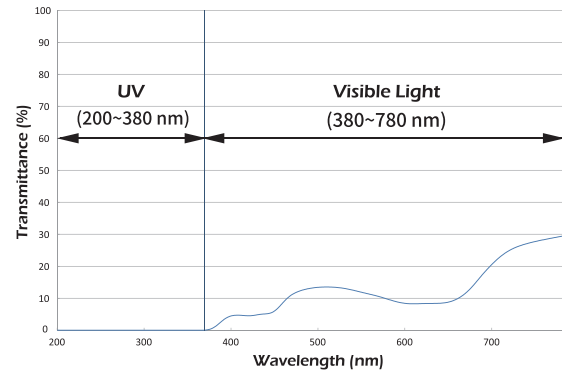


UV Faceshields

BLUE EAGLE SAFETY



1.0 mm
Polycarbonate



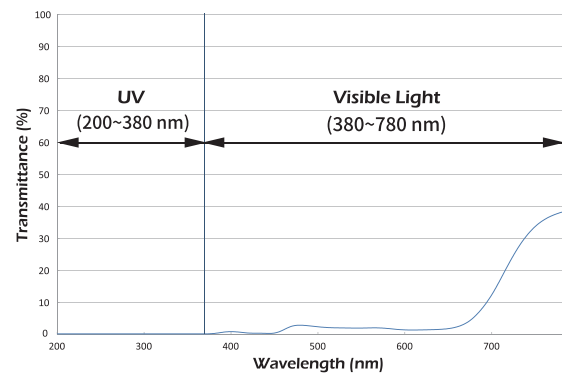
UV Visor

- Impact class : BT, Z87+
- UV filter : 2-3, U3
- Aluminum bound
- Splashes protection
- Best optical quality
- Protective films

FC48G3



1.0 mm
Polycarbonate



UV Visor

- Impact class : BT, Z87+
- UV filter : 2-5, U5
- Aluminum bound
- Splashes protection
- Best optical quality
- Protective films

FC48G5



1.0 mm
Polycarbonate

UV Visor

- Impact class : BT, Z87+
- UV filter : 2-3, U3
- Splashes protection
- Best optical quality
- Protective films

FC48G3N

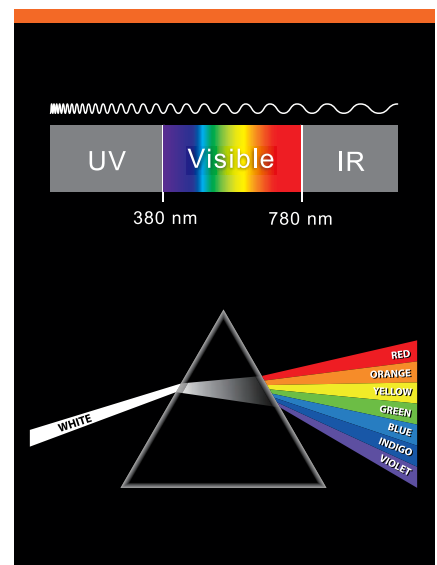


1.0 mm
Polycarbonate

UV Visor

- Impact class : BT, Z87+
- UV filter : 2-5, U5
- Splashes protection
- Best optical quality
- Protective films

FC48G5N



Since 1978

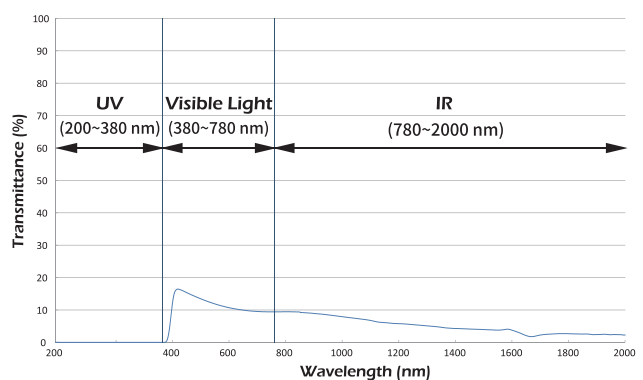
Aluminized Faceshield



Radiant Heat Protection



1.0 mm
Polycarbonate



Aluminized Visor

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

FCR3

Faceshields

Size: 8x12" (20x30cm)

BLUE EAGLE SAFETY



CE ANSI CSA

0.8 mm
Polycarbonate

Visor

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

FC25



CE ANSI CSA

1.0 mm
Polycarbonate

Visor

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

FC28



CE ANSI CSA

1.5 mm
Polycarbonate

Visor

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

FC28T



CE ANSI CSA

0.8 mm
Polycarbonate

Visor

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

FC25N



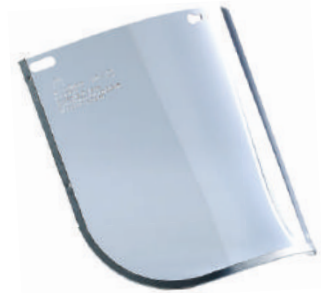
CE ANSI CSA

1.0 mm
Polycarbonate

Visor

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

FC28N



CE ANSI

1.0 mm
Acetate

Anti-fog Visor

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

FC28AF



CE ANSI

Steel
Mesh

Mesh Visor

- Impact class : S
- Forestry work
- Grass/bush trimming
- Aluminum bound
- Steel mesh

FC29



CE ANSI

Steel
Mesh

Mesh Visor

- Impact class : F
- Forestry work
- Grass/bush trimming
- Plastic bound
- Steel mesh

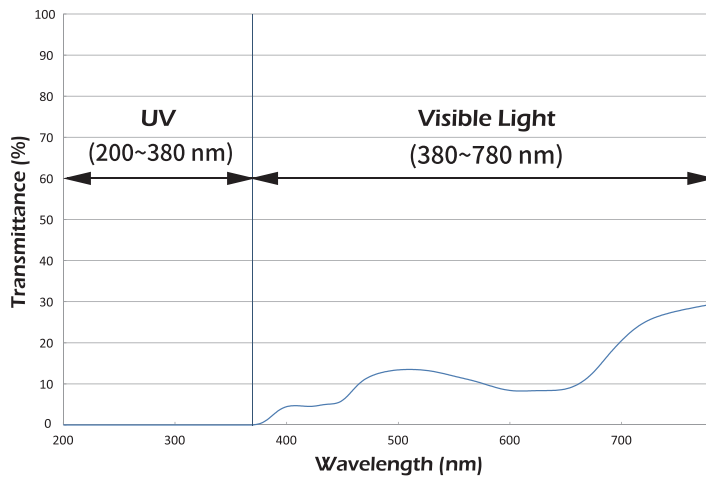
FC29M



Since 1978

UV Faceshields

Size: 8x12" (20x30cm)



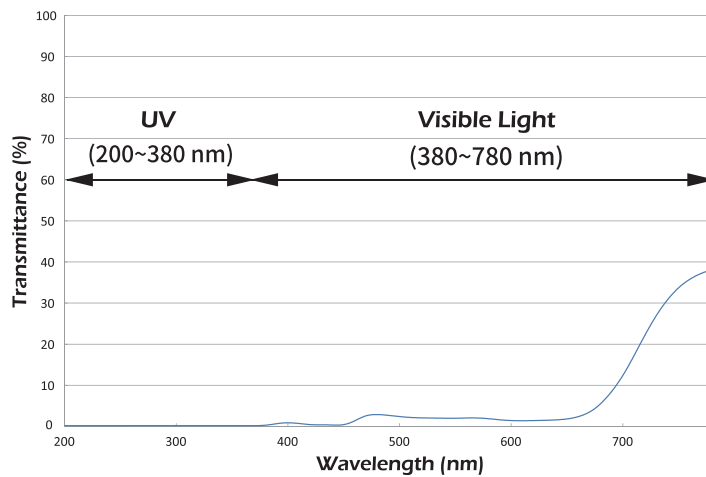
ANSI

1.0 mm
Polycarbonate

UV Visor

- Impact class : Z87+
- UV filter : U3
- Aluminum bound
- Best optical quality
- Protective films

FC28G3



ANSI

1.0 mm
Polycarbonate

UV Visor

- Impact class : Z87+
- UV filter : U5
- Aluminum bound
- Best optical quality
- Protective films

FC28G5



ANSI

1.0 mm
Polycarbonate

UV Visor

- Impact class : Z87+
- UV filter : U3
- Best optical quality
- Protective films

FC28G3N



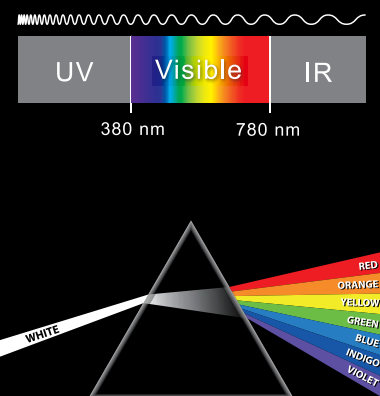
ANSI

1.0 mm
Polycarbonate

UV Visor

- Impact class : Z87+
- UV filter : U5
- Best optical quality
- Protective films

FC28G5N





► FACE PROTECTION ◀



CE ANSI CSA



Browguard

Use with FC visors
Ratchet Headgear
Material : ABS

B1



CE ANSI CSA



Chinguard

Use with FC73, FC83
Material : ABS

C3



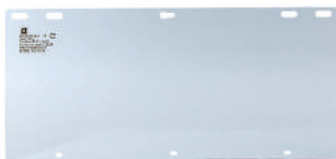
CE ANSI CSA

1.0 mm
Polycarbonate

Visor

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

FC83



CE ANSI CSA

1.0 mm
Polycarbonate

Visor

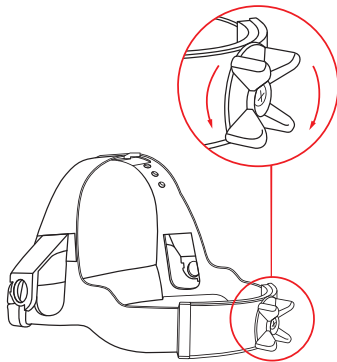
Impact class : BT, Z87+
Splashes protection
Best optical quality
Protective films
Size : 7 x 15½" (17.5 x 39 cm)

FC73



Since 1978

Faceshields

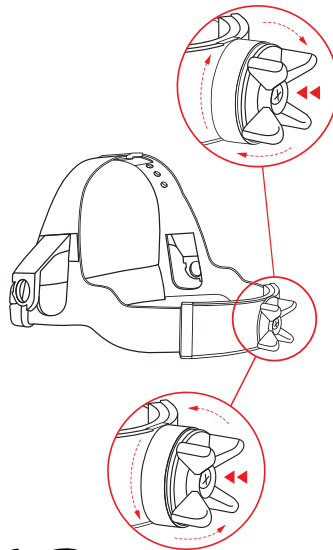


CE ANSI CSA

Headgear

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

HG1

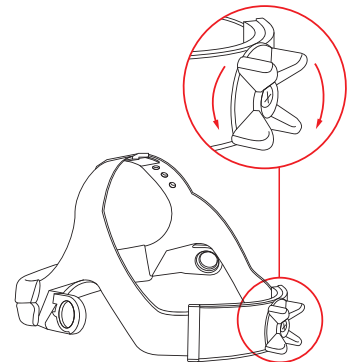


CE ANSI

Headgear

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

HG2

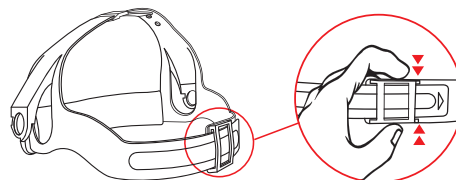


CE ANSI CSA

Headgear

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

HG3

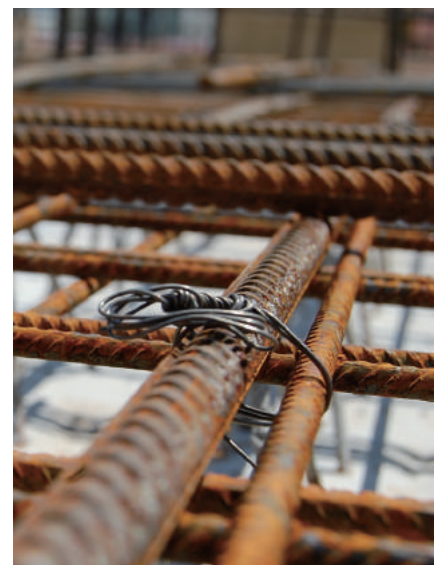


CE ANSI CSA

Headgear

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

HG4



Faceshields

Size: 8x12" (20x30cm)

BLUE EAGLE SAFETY



CE ANSI CSA

Browguard

- Use with K visors
- Color : White
- Headgear HG4
- Material : ABS

K4WH



FACE PROTECTION



CE ANSI CSA

Browguard

- Use with K visors
- Color : Yellow
- Headgear HG4
- Material : ABS

K4YE



CE ANSI CSA

Browguard

- Use with K visors
- Color : Orange
- Headgear HG4
- Material : ABS

K4OR



CE ANSI CSA

Visor

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

0.8 mm
Polycarbonate

K25



CE ANSI CSA

Browguard

- Use with K visors
- Color : Blue
- Headgear HG4
- Material : ABS

K4BL

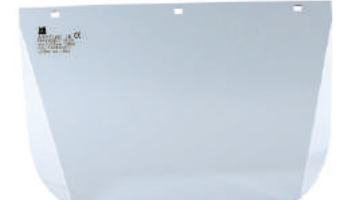


CE ANSI CSA

Browguard

- Use with K visors
- Color : Green
- Headgear HG4
- Material : ABS

K4GN



CE ANSI CSA

Visor

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

0.8 mm
Polycarbonate

K25N

Since 1978

Faceshields

Size: 8x12" (20x30cm)

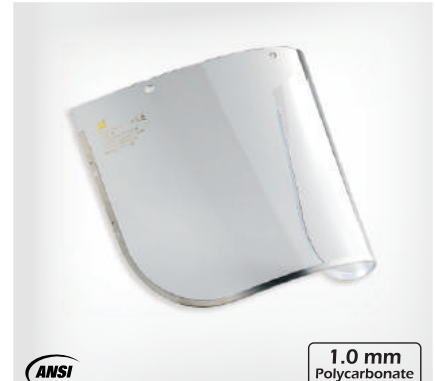


ANSI

Browguard

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

ET1



ANSI

1.0 mm
Polycarbonate

Visor

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

T48



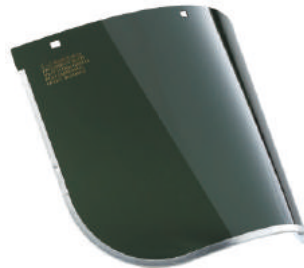
CE ANSI CSA

1.0 mm
Polycarbonate

Visor

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

K28



ANSI

1.0 mm
Polycarbonate

UV Visor

- Impact class : Z87+
- UV filter : U3
- Aluminum bound
- Best optical quality
- Protective films

K28G3



ANSI

1.0 mm
Polycarbonate

UV Visor

- Impact class : Z87+
- UV filter : U5
- Aluminum bound
- Best optical quality
- Protective films

K28G5



CE ANSI CSA

1.0 mm
Polycarbonate

Visor

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

K28N



ANSI

1.0 mm
Polycarbonate

UV Visor

- Impact class : Z87+
- UV filter : U3
- Best optical quality
- Protective films

K28G3N



ANSI

1.0 mm
Polycarbonate

UV Visor

- Impact class : Z87+
- UV filter : U5
- Best optical quality
- Protective films

K28G5N

Visor Brackets

BLUE EAGLE SAFETY



CE ANSI CSA

Bracket

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

Visor

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

A3
(Bracket)
FC48
(Visor)



CE ANSI

Bracket

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

A2



CE ANSI

Bracket

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

A3



ANSI

Bracket

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

AR4



CE ANSI

Bracket

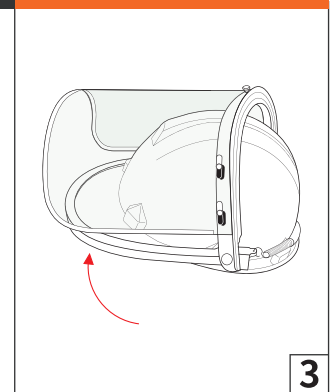
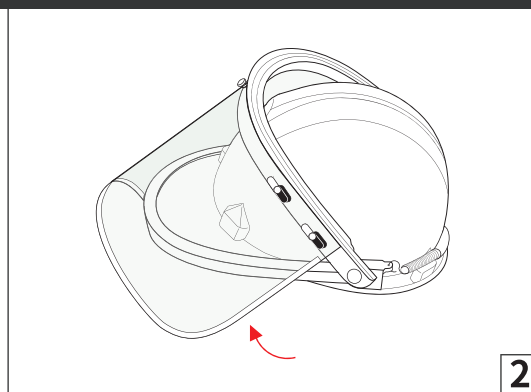
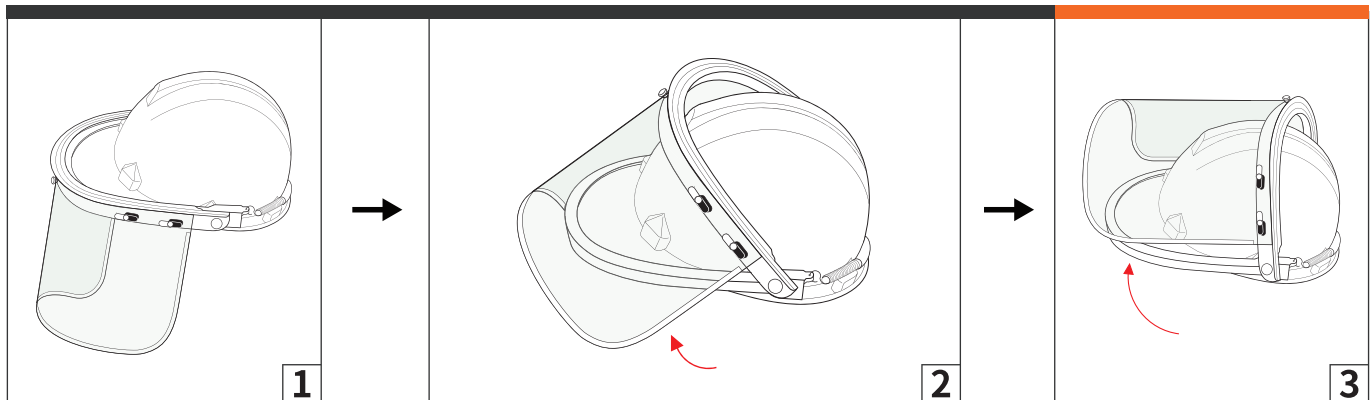
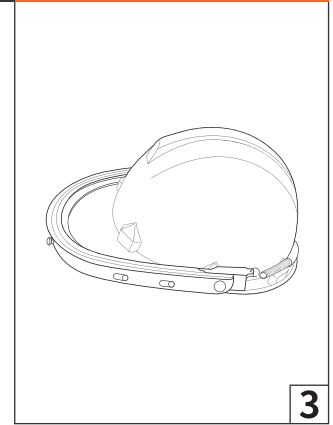
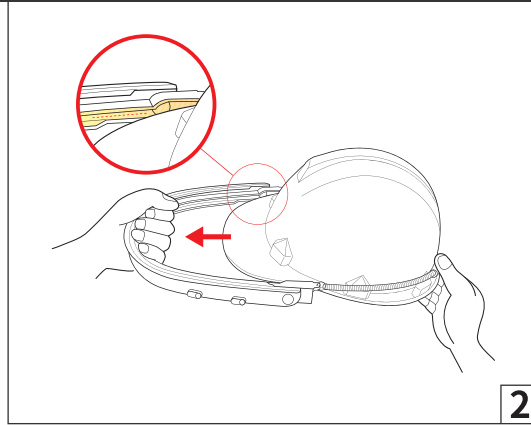
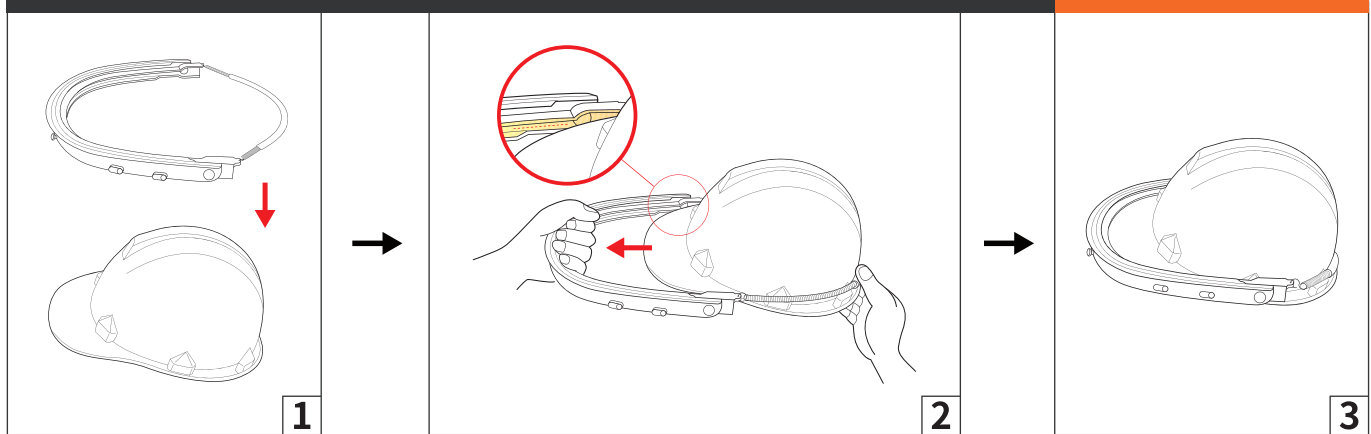
- Use with FC visors
- Material : Aluminum
- Fit regular helmets

A4
(Black)
A4WH

Since 1978

Visor Brackets

Bracket Assembling



ANSI

Bracket

- Use with FC visors
- Color : Black
- Material : Aluminum
- Fit U-shaped-brim helmets

A4B



ANSI

Bracket

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

A4C



ANSI

Bracket

- Use with FC visors
- Color : Silver
- Material : Aluminum
- Fit small, U-shaped-brim helmets

A9S

Browguards and Brackets for FC series visors

Items	Material	Standards	Color	Description
BIYE	Impact - resistance ABS	CE, ANSI, CSA	Yellow	Ratchet headgear. Fit FC series visors.
B1OR	Impact - resistance ABS	CE, ANSI, CSA	Orange	Ratchet headgear. Fit FC series visors.
B1BL	Impact - resistance ABS	CE, ANSI, CSA	Blue	Ratchet headgear. Fit FC series visors.
B1GN	Impact - resistance ABS	CE, ANSI, CSA	Green	Ratchet headgear. Fit FC series visors.
A2	ABS	CE, ANSI	Black	Fit regular safety helmets.
A3	ABS / Aluminum	CE, ANSI	Black	Fit regular safety helmets.
A4	Aluminum	CE, ANSI	Black	Fit regular safety helmets.
AR4	Aluminum	ANSI	Silver	Fit round-brim safety helmets.
A4B	Aluminum	ANSI	Black	Fit U-shaped-brim safety helmets.
A4C	Aluminum	ANSI	Black	Fit round-brim safety helmets.
A9S	Aluminum	ANSI	Silver	Fit small U-shaped-brim safety helmets.

FC series visors (8x15½" or 20x39 cm)

Items	Thickness	Material	Aluminum Bound	Standards	Color	Description
FC45	0.8 mm	Polycarbonate	Yes	CE, ANSI, CSA	Clear	For impact and splashes resistance.
FC48	1.0 mm	Polycarbonate	Yes	CE, ANSI, CSA	Clear	For impact, molten metals and splashes resistance.
FC48T	1.5 mm	Polycarbonate	Yes	CE, ANSI, CSA	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: 2-3, U3. For UV, impact, and splashes resistance.
FC48G5	1.0 mm	Polycarbonate	Yes	CE, ANSI	Green	UV filter: 2-5, U5. 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, CSA	Clear	For impact and splashes resistance.
FC48N	1.0 mm	Polycarbonate	No	CE, ANSI, CSA	Clear	For impact and splashes resistance.
FC48G3N	1.0 mm	Polycarbonate	No	CE, ANSI	Green	UV filter: 2-3, U3. For UV, impact, and splashes resistance.
FC48G5N	1.0 mm	Polycarbonate	No	CE, ANSI	Green	UV filter: 2-5, U5. For UV, impact, and splashes resistance.
FC73	1.0 mm	Polycarbonate	No	CE, ANSI, CSA	Clear	For impact and splashes resistance. (7 x 15½", 17.5 x 39cm)
FC83	1.0 mm	Polycarbonate	No	CE, ANSI, CSA	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.

Since 1978

Faceshields

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

Items	Thickness	Material	Aluminum Bound	Standards	Color	Description
FC25	0.8 mm	Polycarbonate	Yes	CE , ANSI , CSA	Clear	For impact resistance.
FC28	1.0 mm	Polycarbonate	Yes	CE , ANSI , CSA	Clear	For impact resistance.
FC28T	1.5 mm	Polycarbonate	Yes	CE , ANSI , CSA	Clear	For impact and heat resistance.
FC28AF	1.0 mm	Acetate	Yes	CE , ANSI	Clear	Permanent Anti-fog. For impact resistance.
FC28G3	1.0 mm	Polycarbonate	Yes	ANSI	Green	UV filter: U3. For UV and impact resistance.
FC28G5	1.0 mm	Polycarbonate	Yes	ANSI	Green	UV filter: U5. For UV and impact resistance.
FC29	-	Steel Mesh	Yes	CE , ANSI	Black	For flying chips and splinters.
FC29M	-	Steel Mesh	No	CE , ANSI	Black	For flying chips and splinters.
FC25N	0.8 mm	Polycarbonate	No	CE , ANSI , CSA	Clear	For impact resistance.
FC28N	1.0 mm	Polycarbonate	No	CE , ANSI , CSA	Clear	For impact resistance.
FC28G3N	1.0 mm	Polycarbonate	No	ANSI	Green	UV filter: U3. For UV and impact resistance.
FC28G5N	1.0 mm	Polycarbonate	No	ANSI	Green	UV filter: U5. For UV and impact resistance.

Browguards for K series visors

Items	Material	Standards	Color	Description
K4YE	Impact - resistance ABS	CE , ANSI , CSA	Yellow	Fit K series visors. Light weight.
K4OR	Impact - resistance ABS	CE , ANSI , CSA	Orange	Fit K series visors. Light weight.
K4BL	Impact - resistance ABS	CE , ANSI , CSA	Blue	Fit K series visors. Light weight.
K4GN	Impact - resistance ABS	CE , ANSI , CSA	Green	Fit K series visors. Light weight.
K4WH	Impact - resistance ABS	CE , ANSI , CSA	White	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 , CSA	Clear	For impact resistance.
K28	1.0 mm	Polycarbonate	Yes	CE , ANSI , CSA	Clear	For impact and penetration resistance.
K28G3	1.0 mm	Polycarbonate	Yes	ANSI	Green	UV filter: U3. For UV and impact resistance.
K28G5	1.0 mm	Polycarbonate	Yes	ANSI	Green	UV filter: U5. For UV and impact resistance.
K25N	0.8 mm	Polycarbonate	No	CE , ANSI , CSA	Clear	For impact resistance.
K28N	1.0 mm	Polycarbonate	No	CE , ANSI , CSA	Clear	For impact and penetration resistance.
K28G3N	1.0 mm	Polycarbonate	No	ANSI	Green	UV filter: U3. For UV and impact resistance.
K28G5N	1.0 mm	Polycarbonate	No	ANSI	Green	UV filter: U5. For UV and impact resistance.

The image shows two arc flash faceshields mounted on a wall in an industrial setting. The yellow shield is on the left, and the blue shield is on the right. Both shields have a clear, curved faceplate and a black strap. The background shows a long row of industrial cabinets with various controls and lights, and a polished floor reflecting the overhead lights.

Arc Flash Faceshield

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

BLUE EAGLE SAFETY

Arc Flash Faceshields

FCA8



ATPV : 11 cal/cm²



GS-ET 29
CE Certification for
electrical works



Arc-rated
CAT. 2
Meet ASTM F2178
ATPV 11 cal/cm²



Protection against
short circuit
electric arc



Protection against
high-speed particles
at extreme temperatures



Protection against
molten metals and
hot solids



True Colors

True color vision



UV Filter

UV protection
U6 (ANSI Z87.1)
2C-1.7 (EN 170)



IR Filter

IR protection
R2.5 (ANSI Z87.1)



Best Vision

Best optical class



Anti-scratch

Anti-scratch

FCA8CL



GS-ET 29
CE Certification for
electrical works



Protection against
short circuit
electric arc



Protection against
high-speed particles
at extreme temperatures



Protection against
molten metals and
hot solids



True Colors

True color vision



UV Filter

UV protection
2C-1.2 (EN 170)



Best Vision

Best optical class



Splash

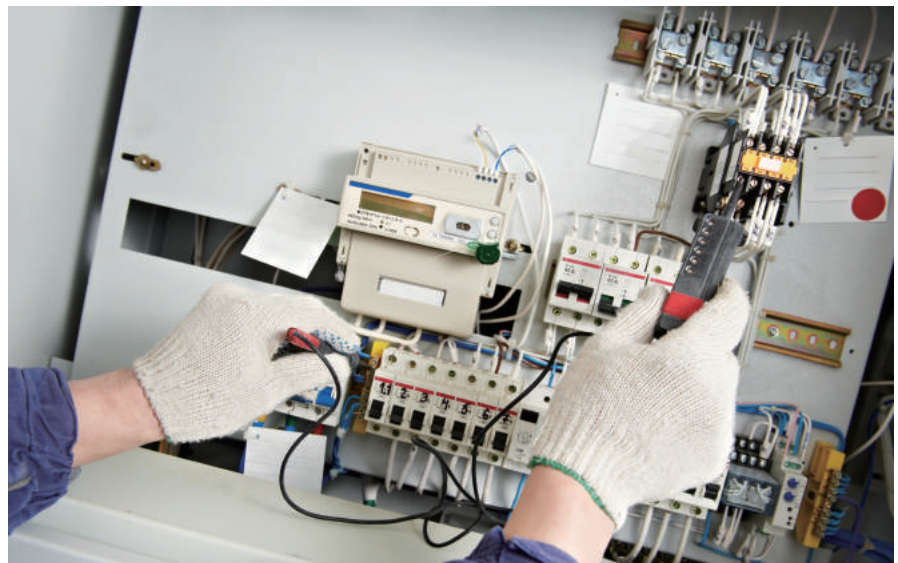
Protection against
Splashes of liquid



Electrician's Safety Helmet

EN397 - Electrical Insulation 440 V a.c.
ANSI Z89.1 - Electrical Class E 20,000 V
No exposed metal part
Ratchet headgear
ABS shell

HR36





► EYE PROTECTION ◀



1.5 mm
Polycarbonate

Goggle

- Impact class : B, Z87+
- Polycarbonate lens
- Direct venting
- UV protection

SG152



1.5 mm
Polycarbonate

Goggle

- Impact class : B, Z87+
- Polycarbonate lens
- Indirect venting
- UV protection

SG154



1.5 mm
Polycarbonate

Goggle

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

SG155



1.0 mm
Polycarbonate

Goggle

- Impact class : F, Z87+
- Polycarbonate lens
- Direct venting
- UV protection

SG102



1.0 mm
Polycarbonate

Goggle

- Impact class : B, Z87+
- Polycarbonate lens
- Indirect venting
- UV protection
- Protection against

SG104



1.0 mm
Acetate

Goggle

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

SG105

Since 1978

Goggles



NP1063

NP1065



1.0 mm
Polycarbonate

UV Goggle

- Impact class : Z87+
- UV filter : U3 (NP1063)
U5 (NP1065)
- Polycarbonate lens
- Indirect venting

NP1063
NP1065



Gas Welding Goggle

- Impact class : S
- Lift-front type
- Complied with CE EN175
and EN166

GW250



Gas Welding Goggle

- Impact class : S
- Fixed type
- Complied with CE EN175
and EN166

GW240



1.5 mm
Polycarbonate

Goggle

- Impact class : F, Z87+
- Polycarbonate lens
- Direct venting
- UV protection

NP152



1.5 mm
Polycarbonate

Goggle

- Impact class : F, Z87+
- Polycarbonate lens
- Indirect venting
- UV protection

NP154



Spectacle

- Impact class : S
- For furnace observation

NP248



1.0 mm
Polycarbonate

Goggle

- Impact class : F, Z87+
- Polycarbonate lens
- Direct venting
- UV protection

NP102



1.0 mm
Polycarbonate

Goggle

- Impact class : F, Z87+
- Polycarbonate lens
- Indirect venting
- UV protection
- Protection against

NP104



1.0 mm
Acetate

Goggle

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

NP105



Welding Helmet

Welding helmets are designed for face and eye protection in welding and cutting.

Since 1978

Welding Helmets



Welding Helmet

- Lift-front lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP

633P



Welding Helmet

- Lift-front lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : Nylon

633N



Welding Helmet

- Fixed lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP

DA11



Welding Helmet

- Lift-front lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP

DA11L



Welding Helmet

- Lift-front lens holder
- ABS bracket
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP

6PA2



Welding Helmet

- Lift-front lens holder
- Aluminum bracket
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP

6PA3



Welding Helmet

- Fixed lens holder
- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP

635P



Welding Handshield

- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP

632P



Welding Handshield

- Lens Size : 4¼ x 2" (108 x 51 mm)
- Material : PP

567P

Welding Helmets

BLUE EAGLE SAFETY



Welding Handshield

■ Lens Size : 4¼ x 3¼"
■ Material : PP

637P



Welding Helmet

■ Fixed lens holder
■ Lens Size : 4¼ x 3¼"
■ Material : PP

638P



Welding Helmet

■ Lift-front lens holder
■ Lens Size : 110 x 90 mm
■ Material : PP

733P



Welding Helmet

■ Fixed lens holder
■ Lens Size : 5¼ x 4½"
■ Material : PP

933P



Welding Helmet

■ Fixed lens holder
■ Lens Size : 5¼ x 4½"
■ Material : PP

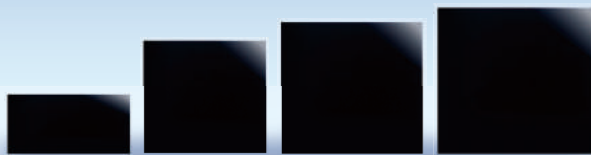
934P



Welding Helmet

■ Lift-front lens holder
■ Lens Size : 5¼ x 4½"
■ Material : PP

936P



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



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



Cover Lens

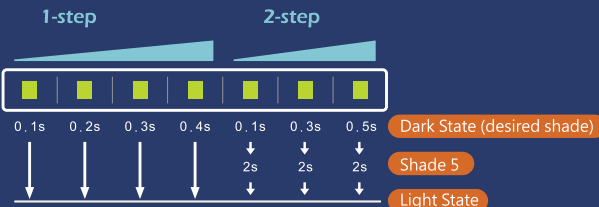
■ Size : 4¼ x 2" (108 x 51 mm), 4¼ x 3¼", 110 x 90 mm, 5¼ x 4½"
■ Material : Polycarbonate

Since 1978

Welding Helmets



01 SPECIAL MODE FOR TACK WELDING 2-STEP DELAY FUNCTION



New digital design, there are seven different shade settings, 5 sensitivity settings and 7 different delay settings for selection, including the 2-step delay function specifically designed for tack welding, which can reduce eye fatigue caused by eyes having to continuously adapt to great light luminance difference during tack welding operation.

2-step delay function: When arc light disappears, in order to protect eyes, the filter shall first switch to shade 5 rather than directly switch to normal light state. The filter switches to normal light state only if arc light is not detected within 2s.

02 BUILT-IN RECHARGEABLE LITHIUM BATTERY

1. Battery replacement isn't needed so as to save the cost of every battery replacement.
2. The user can charge the battery regularly to maintain abundant power and don't have to wait until the power is exhausted to purchase and replace the battery, so important work will not be interrupted due to battery replacement.

03 USB FAST CHARGING

The same Micro-USB cable as most mobile phones and electronics is adopted to allow for charging everywhere.

04 CAN BE USED WITH OTHER WELDING HELMETS.

Open design, ADF dimension is standard 5.25"x4.5" (133x114mm), so it can be assembled on most 5.25"x4.5" (133x114mm) welding helmets.

05 PUSH-AND-TURN HEADGEAR

The headgear can be easily adjusted even with leather welding gloves.

06 4 ARC LIGHT SENSORS

Four groups of arc light sensors ensure arc light sensing without dead angle and promote user safety.

07 CERTIFIED BY CE, ANSI, CSA

AW7R has passed the certification of CE EN 397, ANSI Z87.1, and CSA Z94.3.

ADF Size	133 x 114 x 10 mm
LCD Viewing Area	94 x 43 mm
Optical Sensors	4
Light State	Shade 4
Dark States	Group 1 : Shade 5, 7 Group 2 : Shade 8, 9, 10, 11, 12
Sensitivity Modes	5 levels
Operating Temperature	-5 °C ~ 55 °C
Standard Compliance	CE EN397 · ANSI Z87.1 · CSA Z94.3

Earmuffs

BLUE EAGLE SAFETY



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 = 23 dB (ANSI S3.19)

Cup Material : ABS

EM68



Earmuffs

NRR = 15 dB (ANSI S3.19)

Cup Material : PE

EM65



Earmuffs

NRR = 17 dB (ANSI S3.19)

Cup Material : PE

EM62

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

NP36K



NP36M



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



With neck string

NP35K



NP35M



Earplugs

- SNR = 37 dB (EN 352)
- Material : Foam

EP5



Earplugs

- SNR = 37 dB (EN 352)
- Material : Foam
- With neck string

EP5C



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)



- 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

Package

1 PC / Bag

50 PCS / BOX

NP12K

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



- 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

Package

5 PCS / Bag

50 PCS / BOX

NP12

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



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

Package

5 PCS / Bag

50 PCS / BOX

NP13

Dust Masks

BLUE EAGLE SAFETY

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 / BOX

NP3DB

KIDS 4-ply Dust Face Mask (for age 6-10)



NP3DSR

NP3DSB



- 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
- Children's size, age 6-10

Package

50 PCS / BOX

NP3DS

KIDS 4-ply Dust Face Mask (for age 4-6)



NP3DSSR

NP3DSSB



- 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
- Children's size, age 4-6

Package

50 PCS / BOX

NP3DSS

Since 1978

Dust Masks

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

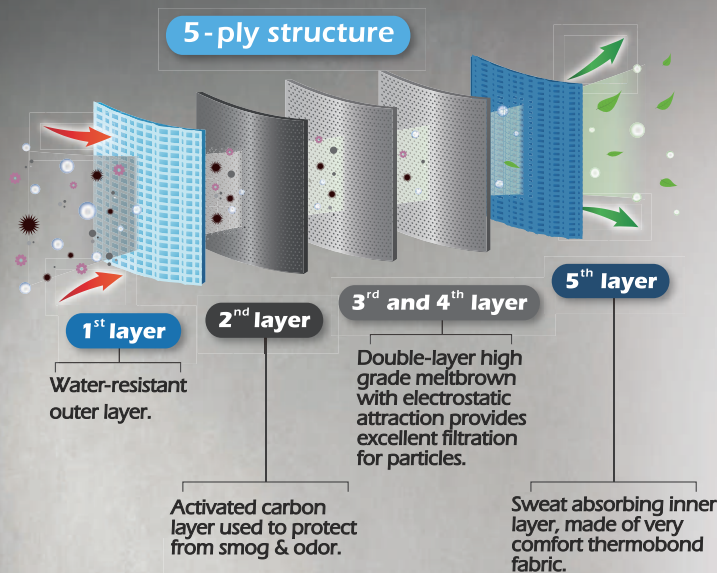
50 PCS / BOX

NP3DC

5-ply PM2.5 Activated Carbon Face Mask



BLUE EAGLE®



- 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

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



Cartridges

- RC201 : For dust
- RC202 : For organic vapours (with boiling point > 65 °C), mists and fumes 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.

Since 1978

Respirators



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 and fumes 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



Spasclani

Full Face Respirator

Full face masks are intended for use in atmospheres contaminated toxic gases.

Full Face Respirator



CE

Full Face Respirator

- Face blank with double revert seal, ergonomic and bellows-like
- Group that holds in one single body the exhale membrane, the gasket holder and the exhale membrane
- Inner nose cup
- Head harness, five arms
- The mask can be used with cartridges 200 A2, 100 K2, 202 ABEK2, and 203 ABEK2 P3 R.

TR2002



CE

Cartridge

- For organic vapours with boiling point higher than 65 °C

200 A2



CE

Cartridge

- For Ammonia (NH₃)

100 K2

Limitations for use

Do not use in areas where the oxygen concentration is lower than 17 % in volume nor in presence of gases different from those clearly indicated. The filter isn't suited for organic vapours whose boiling point is lower than 65 °C, Carbon Monoxide (CO), Nitrogen Oxides etc.



CE

Cartridge

- For organic vapours with boiling point higher than 65°C and inorganic gases, acid gases, ammonia,

**203
ABEK2
P3 R**



CE

Cartridge

- For organic vapours with boiling point higher than 65°C and inorganic gases, acid gases, ammonia

**202
ABEK2**



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
- 440 V a.c. (EN397)
- 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
- 440 V a.c. (EN397)
- No exposed metal part
- EN 397



Material

ABS

HC32

- Pin-lock headgear, 6-point PE suspension M2
- Chin strap M1 included
- 440 V a.c. (EN397)
- No exposed metal part
- EN397



Material

HDPE

HR35

- Ratchet headgear, 6-point nylon suspension SU3R
- Chin strap M1 included
- 440 V a.c. (EN397)
- No exposed metal part
- EN 397



Material

HDPE

HC35

- Pin-lock headgear, 6-point nylon suspension M3
- Chin strap M1 included
- 440 V a.c. (EN397)
- No exposed metal part
- EN 397



Material

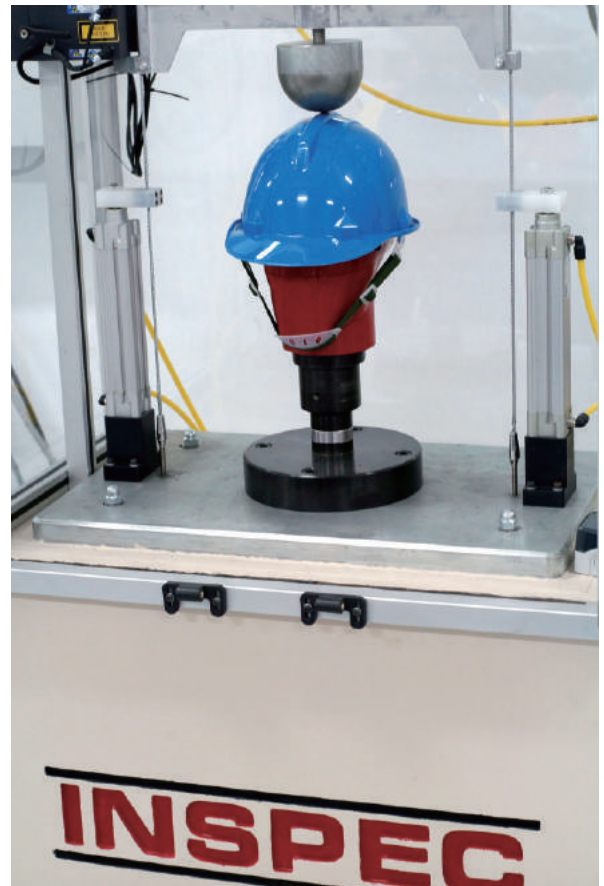
HDPE

HC31

- Pin-lock headgear, 6-point PE suspension M2
- Chin strap M1 included
- 440 V a.c. (EN397)
- No exposed metal part
- EN397

Safety Helmets

BLUE EAGLE SAFETY



Since 1978

Bump Caps



CE

Bump Cap

Material : HDPE
4-point PE suspension M6
Color : white
EN 812
Chin strap not included

BP65WH



CE

Bump Cap

Material : HDPE
4-point PE suspension M6
Color : yellow
EN 812

BP65YE



CE

Bump Cap

Material : HDPE
4-point PE suspension M6
Color : blue
EN 812

BP65BL



CE

Bump Cap

Material : HDPE
4-point PE suspension M6
Color : orange
EN 812

BP65OR



CE

Bump Cap

Material : HDPE
4-point PE suspension M6
Color : red
EN 812

BP65RD



CE

Bump Cap

Material : HDPE
4-point PE suspension M6
Color : green
EN 812

BP65GN



CE

Cap Suspension

4 - point PE suspension
EN 812

M6



► 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-fornt lens holder
- Used in narrow working areas for arc-welding operations

NP901



Chemical Hood

- Dual-cartridge type
- Fit cartridges RC203
- 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

Emergency eyewash and shower are used to flush the user's eyes, head, and body for emergency situations.

Since 1978

Emergency Eye / Body Wash



Emergency Eyewash (wall mounted type)

- Stainless steel basin
- Diameter : 30 cm
- Sprayheads with protective covers

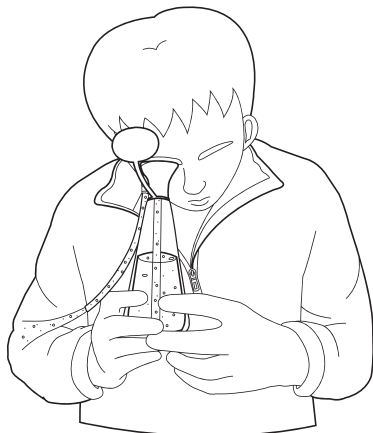
EW402



Emergency Eyewash

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

EW6



EW407

Emergency Eyewash (pedestal mounted type)

- Basin
- Material : Stainless steel
- Diameter : 30 cm
- Sprayheads with protective covers
- Flange
- Material : Stainless steel
- Diameter : 25 cm



EW607

Emergency Eyewash and Show

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



Fire / Welding Blankets

Fire blanket offers help putting out dangerous fires. Welding blanket provides excellent protection from sparks, spatter and slag generated by welding.



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

A full-body protective suit made of a shiny, metallic material, likely aluminum, is shown against a background of intense orange and red flames. The suit includes a hood with a clear, rectangular face shield. The suit's surface is highly reflective, showing highlights and shadows that emphasize its texture. The background is a dramatic, fiery scene with swirling flames and smoke, suggesting a high-temperature environment. The overall composition is vertical, with the suit occupying the central and right portions of the frame.

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 **B2**

★ ★ ☆

Radiant Heat **C4**

★ ★ ★ ★ Highest Level

Molten Aluminium Splashes **D3**

★ ★ ★ Highest Level

Molten Iron Splashes **E3**

★ ★ ★ Highest Level

Contact Heat **F2**

★ ★ ☆

HEAT REFLECTION PROTECTION

BLUE EAGLE SAFETY

BACK OF THE HAND

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

FINGER

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

Gloves
AL145

PALM AREA

Woven Aramid fabric, which provides protections against contact heat and has highest mechanical properties.
Abrasion resistance: level 4
Blade cut resistance: level 5
Tear resistance : level 4

Mitten
AL142

Mitten (index finger)
AL143

Gloves, aluminized palm
AL145A

Gloves, wider palm
AL145B

Gloves, reinforced
AL145D

Model	Length	Type
AL142	35 cm (14 inches)	Mitten
AL143		Mitten (index finger)
AL145		Gloves
AL145A		Gloves, aluminized palm
AL145B		Gloves, wider palm
AL145D		Gloves, reinforced
AL163	40 cm (16 inches)	Mitten (index finger)
AL165		Gloves

Aluminized Gloves / Mitten

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

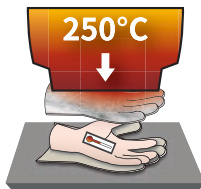
Test results of EN 407



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



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

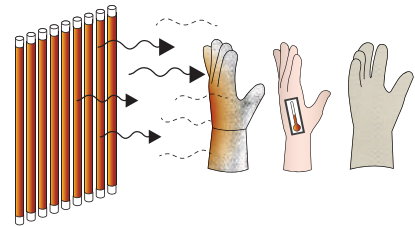


Mechanical Risks

Test results of EN 388

Mechanical Risks

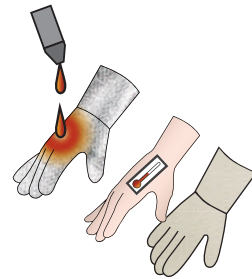
Test	Level 1	Level 2	Level 3	Level 4	Level 5
Abrasion Resistance (number of cycles)	100	500	2000	8000	-
Blade Cut Resistance (cut index)	1.2	2.5	5.0	10.0	20.0
Tear Resistance (N)	10	25	50	75	-
Puncture Resistance (N)	20	60	100	150	-



Radiant Heat ★★★★★ (highest level)

Position the glove in front of a 20 kW/m² 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



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	≥ 15



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

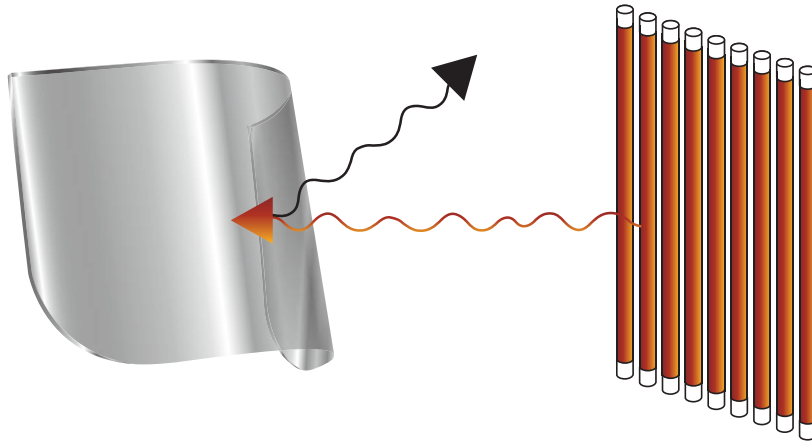
- Aluminized visor
- Aluminum bracket
- Reflect radiant heat
- Block UV

A4
(Bracket)
FCR3
(Visor)

Since 1978

HEAT REFLECTION PROTECTION

Aluminized Visor



- Aluminized visor reflects most radiant heat, so user's face will feel more comfortable and cooler.
- IR-reflectance > 75 %
- RHT124 > 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.

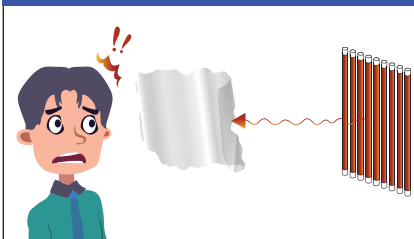
Radiant Heat

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.

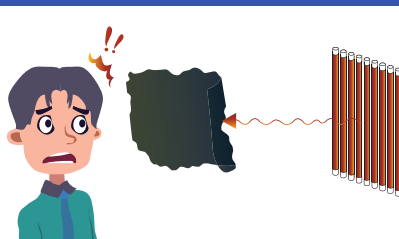
Clear Visor



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

Tinted Visor

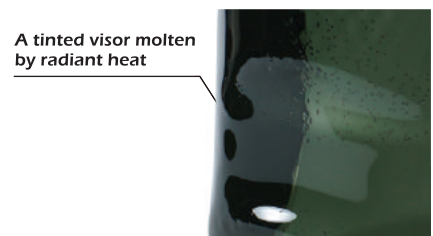


Disadvantages

- 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

HEAT REFLECTION PROTECTION

BLUE EAGLE SAFETY



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



Coat (SCBA type)

Trousers

Model :

AL28

Model :

AL3

Chest circle :
55 "

Waist circle :
34 "

Coat length :
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
- Available with an SCBA accommodation



Overall (SCBA type)

Model :

AL283

Chest circle :

55 "

Overall length :

60 "

Features

- Excellent radiant heat protection
- Excellent molten metal splashes protection
- Flame Resistance (FR)
- Contact heat protection
- Convective heat protection
- Overall style
- Available with an SCBA accommodation

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HEAT REFLECTION PROTECTION



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 : 27 "
Length : 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



Apron

Model :
AL7

Width : 27 "
Length : 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

HEAT REFLECTION PROTECTION

BLUE EAGLE SAFETY



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

Customized

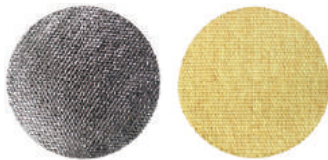
Do not see the aluminized apparel you want ?

Our design team can always create a custom product to meet your needs.



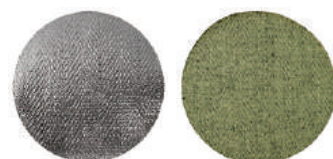
Aluminized Modacrylic/Fiberglass Fabric

Providing excellent protections against radiant heat and molten metal splashes.



Aluminized Aramid Fabric

Providing even better molten metal splashes protection and better mechanical properties. In addition, it is more durable.



Aluminized Aramid/Oxidized Pan Fiber Fabric

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

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HEAT REFLECTION PROTECTION

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

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	

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	

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	

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	





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

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Fall Protection



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



Lineman's Safety Belt

Belt : 50 mm (W) x 1.2 M (L), nylon; Pad belt width : 80 mm; Rope : Ø16 mm x 2.0 M, polyester
DOUBLE-LOCK safety hook, opening : 17 mm.

NP747

