

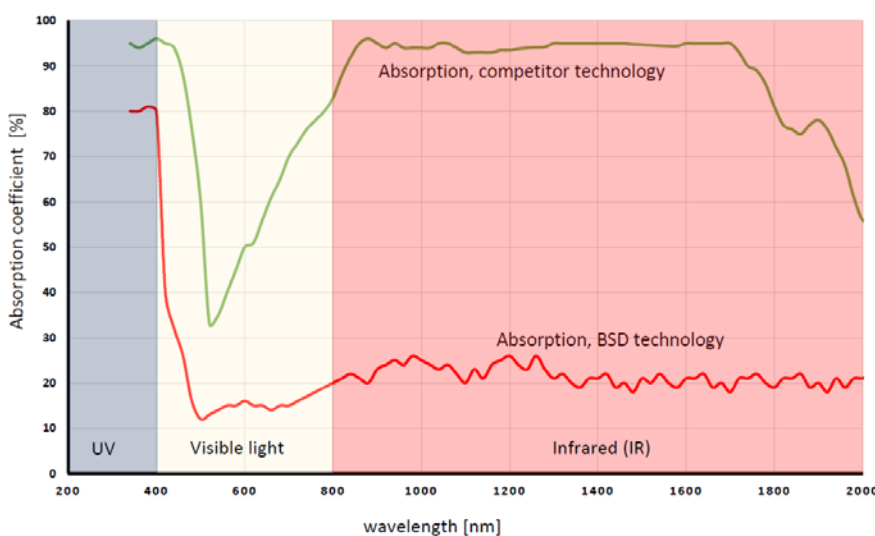
Increment in our ARC Flash Hoods- And all with the same advantages: True Color Visor Color Reproduction >95% No Aging

Pure plastic materials are known for their different ageing behaviour when exposed to the radiation from direct sun and ambient light. Plastic materials used outdoors will normally be protected by different additives or by special coatings that are applied to the surface of the material. The current technology used to protect ordinary transparent polycarbonate material is to apply a coating to the optical surface of the material. In the case of arc flash protection face shields, two types of technologies are used for the protection against the thermal radiation caused by an electric arc flash, viz.:

- a) Absorption technology and
- b) Reflection technology (BSD technology)

For face shields using absorption technology, easily recognisable by the green or yellow tinted visors, almost all the harmful radiation is absorbed by the visor and not transmitted through the visor. It is this absorption of radiation that will protect users during an electric arc flash event. However, the visor will also absorb radiation from the daily exposure to sun and ambient light, which will accelerated the ageing and change the optical characteristics of the visor. This ageing process will require periodic inspection and replacement of the face shields.

For face shields and Hoods using reflection technology (BSD technology), only a small part of the harmful radiation will be absorbed and the majority of the radiation will be reflected. This reflection technology will not only protect the user during an arc flash but will also protect the visor from the radiation that it's exposed to during daily use. The lifespan of the polycarbonate visor is therefore extended well beyond the estimated lifespan of the face shield.



The Lens makes the difference

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Der starke
Partner
für Ihre
Sicherheit

the strong
Partner
for your
Safety

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BSD Arc Flash Hood *HRC 2*



Item number: 7406960

Certifications: ASTM F2178, ATPV: 14.0 cal/cm²
Hazard Risk Category 2
DGUV GS-ET-29, class 2 (395 kJ)
EN 166 8

Specifications: true color visor
non-aging visor
neck protection
universal-size
color royal/navy blue

BSD Arc Flash Hood *HRC 3*



Item number: 7406970

Certifications: ASTM F2178, ATPV: 25.0 cal/cm²
Hazard Risk Category 3
DGUV GS-ET-29, class 2 (630 kJ)
EN 166 8

Specifications: true color visor
non-aging visor
neck protection
universal-size
color royal/navy blue

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BSD Arc Flash Hood *HRC 2*



Item number: 7406990

Certifications: ASTM F2178, ATPV: 13.0 cal/cm²
Hazard Risk Category 2
ANSI / ISEA Z89.1-2009 Type 1 Class E (Hard Hat)

Specifications: true color visor
non-aging visor
with hard hat and bracket
total fabric weight 20 oz/yd², 700g/m²
universal-size
color navy blue

BSD Arc Flash Hood *HRC 2*, with ventilation system



Item number: 7406993

Certifications: ASTM F2178, ATPV: 13.0 cal/cm²
Hazard Risk Category 2
ANSI / ISEA Z89.1-2009 Type 1 Class E (Hard Hat)

Specifications: true color visor
non-aging visor
with ventilation system for a better air circulation-
inside the hood
system consists of hard hat with air duct, ventilation-
unit with charger and heavy duty PVC hose
total fabric weight 20 oz/yd², 700g/m²
universal-size
color navy blue

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BSD Arc Flash Hood *HRC 3*



Item number: 7406985

Certifications: ASTM F2178, ATPV: 28.0 cal/cm²
Hazard Risk Category 3
ANSI / ISEA Z89.1-2009 Type 1 Class E (Hard Hat)

Specifications: true color visor
non-aging visor
with hard hat and bracket
total fabric weight 20 oz/yd², 700g/m²
universal-size
color navy blue

BSD Arc Flash Hood *HRC 3*, with ventilation system



Item number: 7406983

Certifications: ASTM F2178, ATPV: 28.0 cal/cm²
Hazard Risk Category 3
ANSI / ISEA Z89.1-2009 Type 1 Class E (Hard Hat)

Specifications: true color visor
non-aging visor
with ventilation system for a better air circulation-
inside the hood
system consists of hard hat with air duct, ventilation-
unit with charger and heavy duty PVC hose
total fabric weight 20 oz/yd², 700g/m²
universal-size
color navy blue

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BSD Arc Flash Hood *HRC 4*



Item number: 7406996

Certifications: ASTM F2178, ATPV: 47.0 cal/cm²
Hazard Risk Category 4
ANSI / ISEA Z89.1-2009 Type 1 Class E (Hard Hat)

Specifications: true color visor
non-aging visor
with hard hat and bracket
total fabric weight 20 oz/yd², 700g/m²
universal-size
color navy blue

BSD Arc Flash Hood *HRC 4*, with ventilation system



Item number: 7406997

Certifications: ASTM F2178, ATPV: 47.0 cal/cm²
Hazard Risk Category 4
ANSI / ISEA Z89.1-2009 Type 1 Class E (Hard Hat)

Specifications: true color visor
non-aging visor
with ventilation system for a better air circulation-
inside the hood
system consists of hard hat with air duct, ventilation-
unit with charger and heavy duty PVC hose
total fabric weight 20 oz/yd², 700g/m²
universal-size
color navy blue

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BSD Arc Flash Hood *HRC 4 Power*



Item number: 7406980

Certifications: ASTM F2178, ATPV: 40.0 cal/cm²
Hazard Risk Category 4
ANSI / ISEA Z89.1-2009 Type 1 Class E (Hard Hat)

Specifications: true color visor
non-aging visor
ultra light, total fabric weight 12 oz/yd², 410g/m²
with hard hat and bracket
universal-size
color grey blue

BSD Arc Flash Hood *HRC 4 Power*, with ventilation system



Item number: 7406986

Certifications: ASTM F2178, ATPV: 40.0 cal/cm²
Hazard Risk Category 4
ANSI / ISEA Z89.1-2009 Type 1 Class E (Hard Hat)

Specifications: true color visor
non-aging visor
ultra light, total fabric weight 12 oz/yd², 410g/m²
with ventilation system for a better air circulation-
inside the hood
system consists of hard hat with air duct, ventilation-
unit with charger and heavy duty PVC hose
universal-size
color grey blue