

IMPROVED VISIBILITY, COLOR RECOGNITION AND COMFORT

Honeywell Salisbury PrismShield™ Plus



Honeywell
SALISBURY

CAL/CM² 40

Honeywell
SALISBURY

THE RIGHT WAY TO DISTINGUISH EVERY COLOR RIGHT AWAY

The Honeywell Salisbury PrismShield™ Plus improves color recognition and general visibility compared to existing face shields – you can clearly see the difference.

As a Safety Manager you're already fully aware that workers need to correctly distinguish colors through their arc flash face shield. PrismShield™ Plus provides full color recognition, making sure your workers can differentiate between similarly-colored objects at all times. It also increases general visibility, especially when working indoors in poorly-lit rooms. Our anti-scratch and anti-fog coatings are a guarantee for lens longevity, and our exclusive weight-balancing frame elevates comfort by reducing neck strain for users.

A reliable solution from Honeywell to improve your workers' color recognition and visibility – with all colors in sight and full safety on-site.



DEFINITION AND RISKS OF AN ARC FLASH

Arc Flash is a dangerous condition associated with the release of massive amounts of energy produced by an electrical arc.

Arc flashes can be generated by various conditions including mechanical breakdowns or failure of electrical circuits, current overloads or accidental contacts. This explosive condition includes a broad spectrum of electromagnetic energy, plasma, fragments of damaged equipment and molten metal from the destruction of conductors at the point of the arc flash.

An arc flash event can generate temperatures reaching 35,000°F – that is four times hotter than the surface of the sun. The molten copper that is generated from an arc flash often exceeds 2,000°F and rapidly expands from the source of the arc event, often at a great distance from it. Between the super-heated plasma, the molten copper and the overall force of the arc event, everyone in its vicinity is at serious risk of injury or even death. The effects of an arc flash can be devastating unless you are properly protected.

We take your safety seriously

We know that lives depend on the quality of our products. For over 150 years, Salisbury has been the name an entire industry trusts to provide the finest safety products available. All Honeywell Salisbury production facilities are ISO 9001:2015 registered and are equipped and staffed to manufacture products which conform to the highest possible standards.

Honeywell Salisbury is your complete source for personal electrical safety products that comply with NFPA 70e requirements and OSHA regulations. This has enabled Honeywell Salisbury to become the world-wide leader in electrical safety equipment – including the revolutionary PrismShield™ Plus.



THE REDESIGNED PRISMESHIELD™ PLUS

While Honeywell Salisbury pioneered the move away from green lenses to less opaque bronze, there was still room for innovation to provide even clearer vision for workers and increase the line of sight.

Building upon PrismShield™ technology, the PrismShield™ Plus face shield is the next iteration in a line of successful products. The use of nanoparticle technology allows for enhanced color differentiation and improved light transmittance while the double curved lens redesign provides superior optical performance and greatly reduces eye strain while wearing the face shield. User comfort is heightened by a venting system allowing fresh air in from the bottom and moisture to escape from the top.

A DOUBLE CURVED LENS

Limits visual distortion and greatly reduces eye strain.

B NANOTECHNOLOGY

Improved shield transparency provides better visibility and color recognition in poorly lit rooms.

C WEIGHT BALANCING FRAME

An exclusive Honeywell Salisbury feature that increases comfort by reducing neck strain for users.

D FRAMELESS DESIGN

Increases viewing area by over 20%.

E VENTING

Allows usage for longer periods of time.

F SCRATCH RESISTANT

3 times more scratch resistant than the original PrismShield™ lens for an extended product life.



Agency Specifications

NFPA 70E

Standard for electrical safety in the workplace.

ASTM F2178

Standard test method for determining the arc rating and standard specification for eye or face protective products.

ANSI Z87+

Occupational and educational personal eye and face protection devices.

PROPER COLOR RECOGNITION. PROPER SAFETY.

The PrismShield™ Plus nanoparticle technology allows the full spectrum of light to be transmitted and observed by the user. Therefore, all colors can be observed and clearly identified with the new PrismShield™ Plus lens - blues are blue, greens are green.

Compared to the legacy green arc shields from Salisbury, the PrismShield™ Plus transmits 25% more wavelengths, making colors clearer and more visible across the color spectrum. Cutting edge nanotechnology enhances PrismShield™ Plus visibility, making colors stand out and be easily identified from each other.

PrismShield™ Plus color recognition makes colors visible where they once were almost indistinguishable. The circles below are common when testing for color blindness, the superior performance of the PrismShield™ Plus is undeniable.

Color recognition testing showed that using the PrismShield™ Plus provides similar color perception as not wearing a face shield at all.

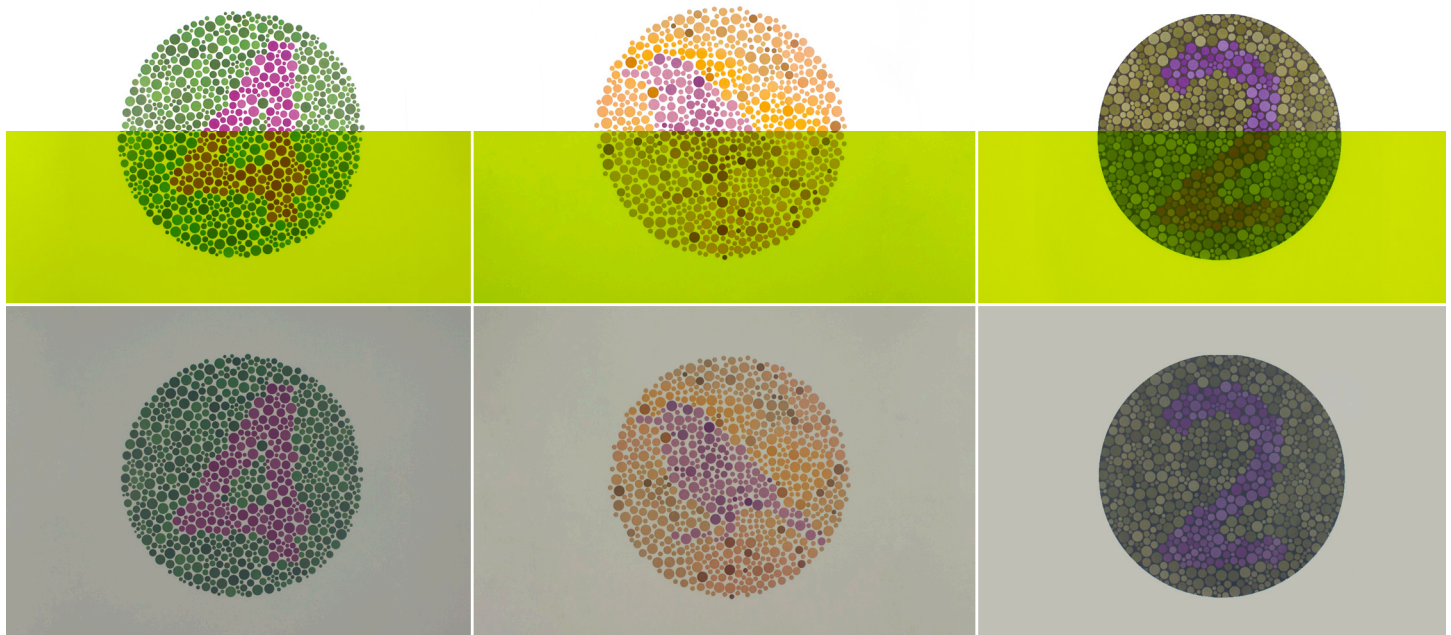


PrismShield™ Plus color spectrum



Legacy green color spectrum

See the difference in color perception between the PrismShield™ Plus and our legacy green lens. Notice the clarity of a PrismShield™ Plus versus the distortion effect of a green lens.



PERSONAL ELECTRICAL SAFETY PRODUCTS

PRISMESHIELD™ PLUS LIFT FRONT HOODS

PART NUMBER	DESCRIPTION
LFH20RG-PP	PrismShield™ Plus Lift Front Hood 20 CAL
LFH40RG-PP	PrismShield™ Plus Lift Front Hood 40 CAL
LFH40PRG-PP	PrismShield™ Plus Lift Front Hood Premium 40 CAL



List is not comprehensive. For the full range of PrismShield™ Plus products, please contact your local Honeywell Salisbury sales manager or our Customer Service team.

PRISMESHIELD™ PLUS WEIGHT BALANCING FACE SHIELDS

PART NUMBER	DESCRIPTION
AS1200-PP	PrismShield™ Plus WBS 12 CAL
AS1200HAT-PP	PrismShield™ Plus WBS 12 CAL with Hat
AS1200FB-PP	PrismShield™ Plus WBS Full Brim Assembly 12 CAL
AS1200HAT-FB-PP	PrismShield™ Plus WBS Full Brim Assembly 12 CAL with Hat
AS1200U-PP	PrismShield™ Plus Universal 12 CAL
AS2000-PP	PrismShield™ Plus WBS 20 CAL
AS2000HAT-PP	PrismShield™ Plus WBS 20 CAL with Hat
AS2000FB-PP	PrismShield™ Plus WBS Full Brim Assembly 20 CAL
AS2000HAT-FB-PP	PrismShield™ Plus WBS Full Brim Assembly 20 CAL with Hat
AS2000U-PP	PrismShield™ Plus Universal 20 CAL



PRISMESHIELD™ PLUS PRO-HOODS

PART NUMBER	DESCRIPTION
FH8RG-PP	PrismShield™ Plus 8 CAL Pro-Hood
FH12RG-PP	PrismShield™ Plus 12 CAL Pro-Hood
FH20RG-PP	PrismShield™ Plus 20 CAL Pro-Hood
FH40RG-PP	PrismShield™ Plus 40 CAL Pro-Hood (Standard)
FH40PRG-PP	PrismShield™ Plus 40 CAL Pro-Hood (Premium)
FH65PRG-PP	PrismShield™ Plus 65 CAL Pro-Hood (Premium)
FH100PRG-PP	PrismShield™ Plus 100 CAL Pro-Hood (Premium)



*PrismShield™ Plus Lift Front Hoods, Face Shields, and Pro-Hoods can be equipped with arc tested task lights which provide high intensity illumination when working up close.

*PrismShield™ Plus is Patented / Patents Pending

For more information

<https://sps.honeywell.com/us/en/products/safety/electrical-safety>

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