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INTRODUCTION

A MESSAGE FROM THE PRESIDENT

I am very pleased to present the new Paulson Manufacturing Industrial Safety Products catalog. Each of the products you'll see here was designed to meet the many different safety needs for industry world wide. We have protected the industrial world with quality safety products since 1947. Specializing in face protection, our family owned and operated business consistently delivers quality and innovation to each and every customer. At Paulson Manufacturing we design, manufacture and inspect all of our products at our facilities in California to maintain quality assurance for you - our customer.



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Individual product data sheets are available for each of the products in this catalog. Simply contact your Paulson representative with your request.



HEADGEAR

Headgear support windows creating a complete Face Shield assembly. Based on the application, choose a headgear model and then pick a window that will provide the area of protection and performance required. Note the attributes in the detailed descriptions of each model.

MODEL HG1-S

Compact and lightweight with a pinlock headband, adjustable pivots and a small spark guard. Cam locks provide face shield retention. Rated application for standard industrial service. Use with 12" wide universal hole pattern face shields.

Material: HDPE

Weight: 3 oz.

Color: White

Specification: A.N.S.I. Z87.1



MODEL HG1-S

MODEL HG3-S

Pinlock headband with a large sparkguard. Cam locks provide face shield retention. Rated application for standard industrial service. Use with all face shields that have a universal hole pattern.

Material: HDPE

Weight: 3 oz.

Color: Blue / Black

Specification: A.N.S.I. Z87.1



MODEL HG3-S

MODEL HG4-S

Ratchet adjustable headband with large sparkguard and adjustable pivots. Cam locks provide face shield retention. Rated application for standard industrial service. Use with all face shields that have a universal hole pattern.

Material: HDPE

Weight: 3 oz.

Color: Blue / Black

Specification: A.N.S.I. Z87.1



MODEL HG4-S

MODEL HG4-H

Ratchet adjustable headband with large sparkguard and adjustable pivots. Cam locks provide face shield retention. Rated application for high temperature and severe industrial service. Use with all face shields that have a universal hole pattern.

Material: Nylon

Weight: 3 oz.

Color: Blue / Black

Specification: A.N.S.I. Z87.1



MODEL HG4-H

MODEL HG4-M

Ratchet adjustable headband with large sparkguard and adjustable pivots. Cam locks provide face shield retention. Rated application for high temperature and severe service as well as clean room and medical service. Use with all face shields that have a universal hole pattern.

Material: Nylon **Weight:** 3 oz.
Color: White **Specification:** A.N.S.I. Z87.1



MODEL HG4-M

MODEL HG5-C

Ratchet adjustable headband with large sparkguard, adjustable pivots and chin protector. Cam locks provide face shield retention. Rated application for high temperature and severe service where additional protection below the face shield is required. Use with all face shields that have a universal hole pattern.

Material: Polycarbonate **Weight:** 4 oz.
Color: Clear **Specification:** A.N.S.I. Z87.1

(Shown assembled with an IM12-P6F, Not Included)



MODEL HG5-C

MODEL HG5-H

Ratchet adjustable headband with large sparkguard, adjustable pivots and chin protector. Cam locks provide face shield retention. Rated application for high temperature and severe service where additional protection below the face shield is required. Use with all face shields that have a universal hole pattern.

Material: Nylon **Weight:** 4 oz.
Color: Black **Specification:** A.N.S.I. Z87.1

(Shown assembled with an IM12-L6F, Not Included)



MODEL HG5-H

MODEL HG7-H

Extra large high coverage sparkguard with ratchet adjustable headband and adjustable pivots. Cam locks provide face shield retention. Rated application for high temperature and severe industrial service. Use with all face shields that have a universal hole pattern.

Material: Nylon **Weight:** 6 oz.
Color: Black **Specification:** A.N.S.I. Z87.1



MODEL HG7-H



CAPS AND HAT BRACKETS

Cap and Hat Brackets support windows on helmets. Cap Brackets are for helmets that have a front brim, Cap Brackets with slotted cap adapters are designed to attach to the slotted accessory slots in helmets. Hat Brackets are designed to fit full brim helmets. Note the detailed descriptions of each model.

MODEL CB1-SF & CB1-SB

Compact and lightweight attachment designed for Bump Caps. Cam locks provide face shield retention. CB1-SF for use on Fibre Metal caps and the CB1-SB for use with Bullard caps. Does not require Bump Cap modifications. Rated application for standard industrial service.

Material: HDPE

Weight: 3 oz.

Color: Blue

Specification: A.N.S.I. Z87.1



MODEL CB1-SF & CB1-SB

MODEL CB2-S

A low profile cap bracket with adjustable pivots and slotted cap adapters. Cam locks provide secure face shield retention. Rated application for standard industrial service. Use with all face shields that have a universal hole pattern. Designed to fit most slotted caps.

Material: HDPE

Weight: 3 oz.

Color: Blue

Specification: A.N.S.I. Z87.1



MODEL CB2-S

MODEL CB2-HD

A low profile cap bracket with adjustable pivots and slotted cap adapters. Cam locks provide secure face shield retention. Rated application for dielectric, high temperature utility and industrial service. Use with all face shields that have a universal hole pattern. Designed to fit most slotted caps.

Material: Nylon

Weight: 3 oz.

Color: Blue

Specification: A.N.S.I. Z87.1



MODEL CB2-HD

MODEL CB6-S

A low profile cap bracket with adjustable pivots and elastomeric attachment. Cam locks provide secure face shield retention. Rated application for standard industrial service. Use with all face shields that have a universal hole pattern.

Material: HDPE

Weight: 3 oz.

Color: Blue

Specification: A.N.S.I. Z87.1



MODEL CB6-S

MODEL CB6-HD

A low profile cap bracket with adjustable pivots and elastomeric attachment. Rated application for dielectric, high temperature utility and industrial service. Cam locks provide secure face shield retention. Use with all face shields that have a universal hole pattern.

Material: Nylon

Weight: 3 oz.

Color: Blue

Specification: A.N.S.I. Z87.1



MODEL CB6-HD

MODEL CB5-HD

Engineered cap bracket to provide respirator clearance for the face shield. Includes adjustable pivots, extended bracket, and slotted cap adapters. Cam locks provide secure face shield retention. Rated application for dielectric, high temperature, utility and industrial service. Use with all face shields that have a universal hole pattern.

Material: Nylon

Weight: 4 oz.

Color: Blue

Specification: A.N.S.I. Z87.1



MODEL CB5-HD

MODEL HB2-S

A low profile hat bracket with adjustable pivots and secure elastomeric attachment. Cam locks provide secure face shield retention. Rated application for standard industrial service. Use with all face shields that have a universal hole pattern.

Material: HDPE

Weight: 3 1/2 oz.

Color: Blue

Specification: A.N.S.I. Z87.1



MODEL HB2-S

MODEL HB2-HD

A low profile hat bracket with adjustable pivots and secure elastomeric attachment. Cam locks provide secure face shield retention. Rated application for dielectric, high temperature, utility and industrial service. Use with all face shields that have a universal hole pattern.

Material: Nylon

Weight: 3 1/2 oz.

Color: Blue

Specification: A.N.S.I. Z87.1



MODEL HB2-HD

CAPS AND BRACKETS

MODEL CB10-PA

Front mounting cap bracket with spring retainer. Rated application for severe industrial service. Designed to fit most caps. Use with all face shields that have a universal hole pattern.

Material: Aluminum

Color: Silver

Weight: 4 oz.

Specification: A.N.S.I. Z87.1



MODEL CB10-PA

MODEL CB11-CA

Rear mounting cap bracket with spring retainer. Rated application for severe industrial service. Designed to fit most caps. Use with all face shields that have a universal hole pattern.

Material: Aluminum

Color: Silver

Weight: 4 oz.

Specification: A.N.S.I. Z87.1



MODEL CB11-CA

MODEL CB12-HA

Front mounting hat bracket with spring retainer. Rated application for severe industrial service. Designed to fit full brim hard hats. Use with all face shields that have a universal hole pattern.

Material: Aluminum

Color: Silver

Weight: 4 oz.

Specification: A.N.S.I. Z87.1



MODEL CB12-HA

HIGH PERFORMANCE WINDOWS

High Performance windows are designed to provide an engineered advantage in performance and value. All High Performance windows are injection molded and optically correct. The Propionate material used in these windows blends toughness with chemical resistance.

MODEL IM1-P6F

An injection molded face shield measuring 9" x 13" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 8 oz.

Color: Clear

Specification: A.N.S.I. Z87.1



MODEL IM1-P6F

MODEL IM1-P6FD

An injection molded face shield measuring 8" x 12" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 8 oz.

Color: Dark Green

Specification: A.N.S.I. Z87.1



MODEL IM1-P6FD

MODEL IM8-P6

An injection molded face shield measuring 8" x 15 1/2" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 8 oz.

Color: Clear

Specification: A.N.S.I. Z87.1



MODEL IM8-P6

MODEL IM8-P6M

An injection molded face shield measuring 8" x 15 1/2" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 8 oz.

Color: Medium Green

Specification: A.N.S.I. Z87.1



MODEL IM8-P6M

HIGH PERFORMANCE WINDOWS

MODEL IM9-P6F

An injection molded face shield measuring 8" x 15 1/2" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets

Material: Propionate

Color: Clear

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM9-P6F

MODEL IM9-P6FM

An injection molded face shield measuring 8" x 15 1/2" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Color: Medium Green

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM9-P6FM

MODEL IM9-P6FD

An injection molded face shield measuring 8" x 15 1/2" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Color: Dark Green

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM9-P6FD

MODEL IM12-P6F

An injection molded face shield window measuring 6" x 15 1/2" x .060". This shield is designed to be used with the Paulson Headgear HG5-H or HG5-C. Rated application for severe industrial service.

Material: Propionate

Color: Clear

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM12-P6F

MODEL IM20-P6F

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 9 oz.

Color: Clear

Specification: A.N.S.I. Z87.1



MODEL IM20-P6F

MODEL IM20-P6FD

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 9 oz.

Color: Dark Green

Specification: A.N.S.I. Z87.1



MODEL IM20-P6FD

MODEL IM21-P6F

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 9 oz.

Color: Clear

Specification: A.N.S.I. Z87.1



MODEL IM21-P6F

MODEL IM21-P6FD

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 9 oz.

Color: Dark Green

Specification: A.N.S.I. Z87.1



MODEL IM21-P6FD

MODEL IM22-P6F

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Propionate

Weight: 9 oz.

Color: Clear

Specification: A.N.S.I. Z87.1



MODEL IM22-P6F

GENERAL PURPOSE WINDOWS

General Purpose windows are manufactured from optical sheet plastic. Note the detailed description and dimensions posted for each model. Windows are to be used with the Headgear, Cap and Hat Brackets to provide a complete Face Shield assembly.

MODEL S1-L4

A flat industrial face shield measuring 6" x 12" x .040". The multi-fit attachment pattern consists of a center hole and two slots 5" from center. Rated application for severe industrial service.

Material: Polycarbonate

Weight: 2 oz.

Color: Clear

Specification: A.N.S.I. Z87.1 +



MODEL S1-L4

MODEL S25-L4

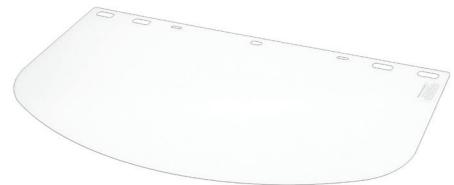
A flat industrial face shield measuring 9 1/4" x 15 5/8" x .040". The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets. Rated application for severe industrial service.

Material: Polycarbonate

Weight: 2 oz.

Color: Clear

Specification: A.N.S.I. Z87.1 +



MODEL S25-L4

MODEL S26-L6F

A formed industrial face shield measuring 9 1/4" x 15 5/8" x .060" formed to a 4" radius. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets. Rated application for severe industrial service.

Material: Polycarbonate

Weight: 2 oz.

Color: Clear

Specification: A.N.S.I. Z87.1 +



MODEL S26-L6F

MODEL S41-L4

A flat industrial face shield measuring 9 3/4" x 18 1/4" x .040". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Weight: 2 oz.

Color: Clear

Specification: A.N.S.I. Z87.1 +



MODEL S41-L4

MODEL S16-PE4

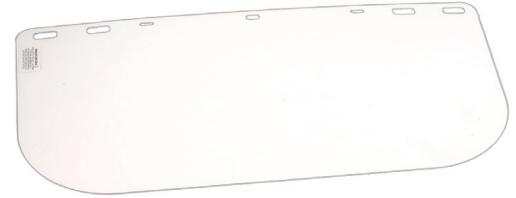
A flat industrial face shield measuring 8" x 15 1/2" x .040". Rated application for standard industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: PETG

Color: Clear

Weight: 2 oz.

Specification: A.N.S.I. Z87.1



MODEL S16-PE4

MODEL S35-PE4

A flat industrial face shield measuring 9" x 19" x .040". Rated application for standard industrial service. The attachment pattern includes universal slots and two round clearance holes at the ends of the shield.

Material: PETG

Color: Clear

Weight: 2 oz.

Specification: A.N.S.I. Z87.1



MODEL S35-PE4



HIGH TEMPERATURE WINDOWS

High Temperature windows are sized and designed for the most demanding industrial applications. These windows should be matched with other components that are rated for high temperature use. All High Temperature windows are injection molded and optically correct.

MODEL IM1-L6F

An injection molded face shield measuring 9" x 13" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Weight: 8 oz.

Color: Clear

Specification: A.N.S.I. Z87.1 +



MODEL IM1-L6F

MODEL IM9-L6F

An injection molded face shield measuring 8" x 15 1/2" x .060". Rated for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Weight: 8 oz.

Color: Clear

Specification: A.N.S.I. Z87.1 +



MODEL IM9-L6F

MODEL IM9-L6FD

An injection molded face shield measuring 8" x 15 1/2" x .060". Rated for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Weight: 8 oz.

Color: Dark Green

Specification: A.N.S.I. Z87.1 +



MODEL IM9-L6FD

MODEL IM10-L8F

An injection molded face shield measuring 8" x 15 1/2" x .080". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Clear

Weight: 14 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM10-L8F

MODEL IM10-L8FCP

An injection molded face shield measuring 8" x 15 ½" x .080". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Clear

Weight: 14 oz.

Specification: A.N.S.I. Z87.1 + *(This window comes with a clear chin protector)*



MODEL IM10-L8FCP

MODEL IM10-L8FM

An injection molded face shield measuring 8" x 15 ½" x .080". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Medium Green

Weight: 14 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM10-L8FM

MODEL IM10-L8FD

An injection molded face shield measuring 8" x 15 ½" x .080". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Dark Green

Weight: 14 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM10-L8FD

HIGH TEMPERATURE WINDOWS

MODEL IM12-L6F

An injection molded face shield window measuring 6" x 15 1/2" x .060". Rated application for severe industrial service. This shield is designed to be used with the Paulson Headgear HG5-H or HG5-C.

Material: Polycarbonate

Color: Clear

Weight: 8 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM12-L6F

MODEL IM12-L6FM

An injection molded face shield window measuring 6" x 15 1/2" x .060". Rated application for severe industrial service. This shield is designed to be used with the Paulson Headgear HG5-H or HG5-C.

Material: Polycarbonate

Color: Medium Green

Weight: 8 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM12-L6FM

MODEL IM20-L6F

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets

Material: Polycarbonate

Color: Clear

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM20-L6F

MODEL IM20-L6FX

An injection molded face shield measuring 10" x 20" x .060" with extra long slots. Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Clear

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM20-L6FX

MODEL IM20-L6FM

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Medium Green

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM20-L6FM

MODEL IM20-L6FD

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Dark Green

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM20-L6FD

MODEL IM21-L6F

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. Headgear and bracket compatibility for Fiber Metal.

Material: Polycarbonate

Color: Clear

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM21-L6F

MODEL IM21-L6FD

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. Headgear and bracket compatibility for Fiber Metal.

Material: Polycarbonate

Color: Dark Green

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM21-L6FD

HIGH TEMPERATURE WINDOWS

MODEL IM22-L6F

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Clear

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM22-L6F

MODEL IM22-L6FM

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Medium Green

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM22-L6FM

MODEL IM22-L6FD

An injection molded face shield measuring 10" x 20" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Dark Green

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM22-L6FD

MODEL IM14-L12F

An injection molded shield measuring 7" x 11" x .125" for use with heat protective hood assemblies. Rated application for severe industrial high heat service.

Material: Polycarbonate

Color: Clear

Weight: 14 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM14-L12F

MODEL IM14-N12F

An injection molded shield measuring 7" x 11" x .125" for use with heat protective hood assemblies. Rated application for severe industrial high heat service

- Material:** Nylon
- Color:** Clear
- Weight:** 14 oz.
- Specification:** A.N.S.I. Z87.1 +



MODEL IM14-N12F

MODEL IM14-L12FM

An injection molded shield measuring 7" x 11" x .125" for use with heat protective hood assemblies. Rated application for severe industrial high heat service.

- Material:** Polycarbonate
- Color:** Medium Green
- Weight:** 14 oz.
- Specification:** A.N.S.I. Z87.1 +



MODEL IM14-L12FM

MODEL IM14-L12FD

An injection molded shield measuring 7" x 11" x .125" for use with heat protective hood assemblies. Rated application for severe industrial high heat service.

- Material:** Polycarbonate
- Color:** Dark Green
- Weight:** 14 oz.
- Specification:** A.N.S.I. Z87.1 +



MODEL IM14-L12FD



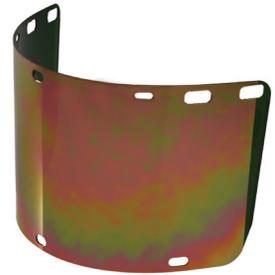
METALIZED WINDOWS

Metalized Windows are manufactured from Polycarbonate resin and a vacuum deposited layer of gold. The gold layer is protected by a hard coating for longevity. The Metalized Shields reflect radiant heat away from the face, protecting the wearer and the window. The dimensions and attributes of each model are detailed in the product descriptions.

MODEL IM12-GHC6FM

An injection molded face shield window measuring 6" x 15 1/2" x .060". The gold heat reflective coating is protected with a hard coat to improve service life. Rated application for furnace operations and severe industrial high heat service. This shield designed to be used with the Paulson Headgear HG5-H or HG5-C.

Material: Polycarbonate **Weight:** 8 oz.
Color: Gold / Medium Green **Specification:** A.N.S.I. Z87.1 +
(This Window Accepts a Chin Protector)



MODEL IM12-GHC6FM

MODEL IM13-GHC8FM

An injection molded face shield window measuring 6" x 15 1/2" x .080". The gold heat reflective coating is protected with a hard coat to improve service life. Rated application for furnace operations and severe industrial high heat service.

Material: Polycarbonate **Weight:** 8 oz.
Color: Gold / Medium Green **Specification:** A.N.S.I. Z87.1 +
(This Window Accepts a Chin Protector)



MODEL IM13-GHC8FM

MODEL IM20-GHC6F

An injection molded face shield measuring 10" x 20" x .060". The gold heat reflective coating is protected with a hard coat to improve service life. Rated application for furnace operations and severe industrial high heat service.

Material: Polycarbonate **Weight:** 8 oz.
Color: Gold / Clear **Specification:** A.N.S.I. Z87.1 +

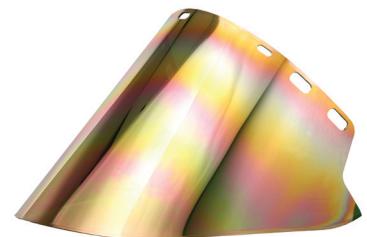


MODEL IM20-GHC6F

MODEL IM20-GHC6FM

An injection molded face shield measuring 10" x 20" x .060". The gold heat reflective coating is protected with a hard coat to improve service life. Rated application for furnace operations and severe industrial high heat service.

Material: Polycarbonate **Weight:** 8 oz.
Color: Gold / Medium Green **Specification:** A.N.S.I. Z87.1 +



MODEL IM20-GHC6FM

MODEL IM20-XGHC6FD

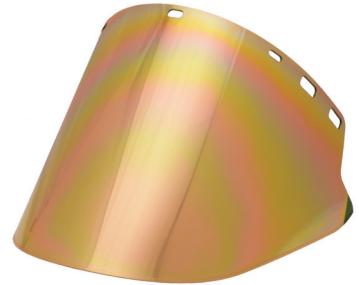
An injection molded face shield measuring 10"x20"x.060". The two layers of gold have a heat reflective coating that is protected with a hard coat to improve service life. Rated application for furnace operations and severe industrial high heat service.

Material: Polycarbonate

Color: Gold / Dark Green

Weight: 8 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM20-XGHC6FD

MODEL IM22-GHC6F

An injection molded face shield measuring 10"x20"x.060". The gold heat reflective coating is protected with a hard coat to improve service life. Rated application for furnace operations and severe industrial high heat service.

Material: Polycarbonate

Color: Gold / Clear

Weight: 8 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM22-GHC6F

MODEL IM22-GHC6FM

An injection molded face shield measuring 10"x20"x.060". The gold heat reflective coating is protected with a hard coat to improve service life. Rated application for furnace operations and severe industrial high heat service.

Material: Polycarbonate

Color: Gold / Green

Weight: 8 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM22-GHC6FM

MODEL IM22-XGHC6FD

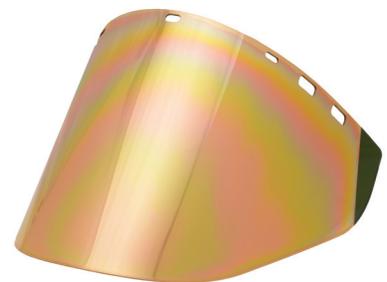
An injection molded face shield measuring 10" x 20" x .060". The two layers of gold have a heat reflective coating that is protected with a hard coat to improve service life. Rated application furnace operations and for severe industrial high heat service.

Material: Polycarbonate

Color: Gold / Dark Green

Weight: 8 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM22-XGHC6FD

METALIZED WINDOWS

MODEL S42-GHC6FGRAD2

An injection molded face shield measuring 10" x 20" x .060". Designed with a 2 ½" gradient heat strip across the top of the shield. The gold heat reflective coating is protected with a hard coat to improve service life and the inside of the shield is hard coated to help prevent abrasions. Rated application for furnace operations and severe industrial high heat service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Gold / Green

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL S42-GHC6FGRAD2

MODEL S42-GHC6FGRAD4

An injection molded face shield measuring 10" x 20" x .060". Designed with a 4" gradient heat strip across the top of the shield. The gold heat reflective coating is protected with a hard coat to improve service life and the inside of the shield is hard coated to help prevent abrasions. Rated application for furnace operations and severe industrial high heat service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Gold / Green

Weight: 9 oz.

Specification: A.N.S.I. Z87.1 +



MODEL S42-GHC6FGRAD4

MODEL IM14-GHC12F

An injection molded shield measuring 7" x 11" x .125 for use with heat protective hood assemblies. The gold heat reflective coating is protected with a hard coating to improve service life. Rated application for severe industrial high heat service.

Material: Polycarbonate

Color: Gold / Clear

Weight: 14 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM14-GHC12F

SPECIALTY WINDOWS

Specialty Windows are designed for applications that require a unique window to provide protection for the user. These windows are to be used with the Headgear, Cap and Hat Brackets to provide a complete Face Shield assembly. The dimensions and performance values are included in the detailed product description.

MODEL IM11-L6F

An injection molded optically correct bubble face shield with a .060" thickness. Rated for industrial severe service. Rated application for severe industrial, medical and clean room service.

Material: Polycarbonate

Weight: 8 oz.

Color: Clear

Specification: A.N.S.I. Z87.1+



MODEL IM11-L6F

MODEL IM11-AF6F

An injection molded optically correct bubble face shield with a .060" thickness. Rated for industrial severe service. Rated application for severe industrial, medical, and clean room service.

Material: Polycarbonate, Anti-fog

Weight: 8 oz.

Color: Clear

Specification: A.N.S.I. Z87.1+



MODEL IM11-AF6F

MODEL IM12-AFP6F

An injection molded face shield window measuring 6" x 15 1/2" x .060". Rated application for severe industrial service. This shield is designed to be used with the Paulson Headgear HG5-H and the HG5-C.

Material: Propionate, Anti-fog

Weight: 8 oz.

Color: Clear

Specification: A.N.S.I. Z87.1



MODEL IM12-AFP6F

MODEL S43-A4

A flat industrial face shield measuring 9.125" x 15.50" x .040". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Acetate

Weight: 3 oz.

Color: Clear

Specification: A.N.S.I. Z87.1



MODEL S43-A4

SPECIALTY WINDOWS

MODEL S71-L6F

An industrial face shield measuring 10" x 24" x .060". Rated application for severe industrial service. The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets.

Material: Polycarbonate

Color: Clear

Weight: 8 oz.

Specification: A.N.S.I. Z87.1+



MODEL S71-L6F

MODEL S20-A4F

A face shield measuring 9" x 20" x .040", mechanically held in a formed position by rivets. This shield tucks in at the bottom providing additional protection. Rated application for severe industrial service.

Material: Acetate

Color: Clear

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL S20-A4F

MODEL S20-AF4F

A face shield measuring 9" x 20" x .040", mechanically held in a formed position by rivets. This shield tucks in at the bottom providing additional protection. Rated application for severe industrial service.

Material: Acetate-antifog

Color: Clear

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL S20-AF4F

MODEL A-WS

A wire screen window measuring 8" x 15 1/2". Their attachment pattern is a series of slots designed to fit a variety of headgear.

Material: Wire Screen

Color: Black

Weight: 5 oz.

Specification: A.N.S.I. Z87.1



MODEL A-WS

MODEL IM9-P6F3

An injection molded shield measuring 8" x 15 ½" x .060". The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets. Rated application for industrial, gas welding and cutting service.

Material: Propionate

Color: Shade 3

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM9-P6F3

MODEL IM9-P6F5

An injection molded shield measuring 8" x 15 ½" x .060". The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets. Rated application for industrial, gas welding and cutting service.

Material: Propionate

Color: Shade 5

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM9-P6F5

MODEL IM20-P6F3

An injection molded shield measuring 10" x 20" x .060". The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets. Rated application for industrial, gas welding and cutting service.

Material: Propionate

Color: Shade 3

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM20-P6F3

MODEL IM20-P6F5

An injection molded shield measuring 10" x 20" x .060". The universal hole pattern fits a variety of manufacturers headgear, cap and hat brackets. Rated application for industrial, gas welding and cutting service.

Material: Propionate

Color: Shade 5

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM20-P6F5

SPECIALTY WINDOWS

MODEL IM12-P6F5

An injection molded face shield measuring 6" x 15 1/2" x .060. Rated application for industrial, gas welding and cutting service. This shield is designed to be used with the Paulson Headgear HG5-H and the HG5-C.

Material: Propionate

Color: Shade 5

Weight: 8 oz.

Specification: A.N.S.I. Z87.1



MODEL IM12-P6F5

MODEL IM14-L12F3

An injection molded shield measuring 7" x 11" x .125" for use with heat protective hood assemblies. Rated application for severe industrial high heat service.

Material: Polycarbonate

Color: Shade 3

Weight: 14 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM14-L12F3

MODEL IM14-L12F5

An injection molded shield measuring 7" x 11" x .125" for use with heat protective hood assemblies. Rated application for severe industrial high heat service.

Material: Polycarbonate

Color: Shade 5

Weight: 14 oz.

Specification: A.N.S.I. Z87.1 +



MODEL IM14-L12F5

SPECIALTY GOGGLES

Specialty Goggles have unique performance characteristics designed for demanding applications. These Goggles may be mounted to a helmet or worn directly on the head of the user. The detailed specifications of each goggle are included in the product description.

MODEL 510-ES3

A protective goggle designed to specifically address the needs of the gas welding industry. Optically correct hard coated outer lens with anti fog coating. Baffled top and bottom vents. Elastic strap designed for comfort.

Material: Silicone Frame / Polycarbonate Lens / Polymer Alloy Components
Color: Black with Shade 3 lens **Weight:** 7 oz. **Specification:** Meets A.N.S.I. Z87.1 +



MODEL 510-ES3

MODEL 510-ES5

A protective goggle designed to specifically address the needs of the gas welding industry. Optically correct hard coated outer lens with anti fog coating. Baffled top and bottom vents. Elastic strap designed for comfort.

Material: Silicone Frame / Polycarbonate Lens / Polymer Alloy Components
Color: Black with Shade 5 lens **Weight:** 7 oz. **Specification:** Meets A.N.S.I. Z87.1 +



MODEL 510-ES5

MODEL 510-LENS-PC3

A replacement lens for our Paulson Model 510-ES3 goggle. Lens is Hard Coated and Anti-fog coated. Rated application for industrial, gas welding and cutting service.

Material: Polycarbonate **Weight:** 2 oz.
Color: Shade 3 **Specification:** Meets A.N.S.I. Z87.1 +



MODEL 510-LENS-PC3

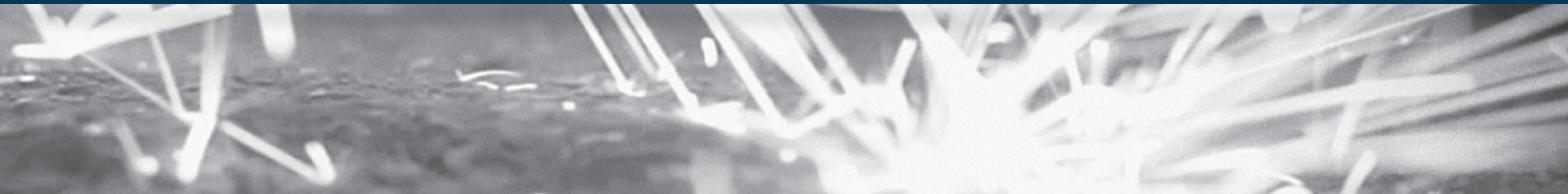
MODEL 510-LENS-PC5

A replacement lens for our Paulson Model 510-ES3 goggle. Lens is Hard Coated and Anti-fog coated. Rated application for industrial, gas welding and cutting service.

Material: Polycarbonate **Weight:** 2 oz.
Color: Shade 5 **Specification:** Meets A.N.S.I. Z87.1 +



MODEL 510-LENS-PC5



SPECIALTY PROTECTION SUN SHIELDS

Sun Shields are designed to provide additional protection from the sun, when attached to a helmet. Sun Shield models are specific to the helmet and are not interchangeable. The Grey transparent front section allows for upward vision and the white sections provide shade for the user.

MODEL A-S4-B

A sun shield to expand the brim of a Bullard #303 hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate **Weight:** 3 oz.

Color: White / Grey



MODEL A-S4-B

MODEL A-S4-B2

A sun shield to expand the brim of a Bullard #303 2004 REV hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate **Weight:** 3 oz.

Color: White / Grey



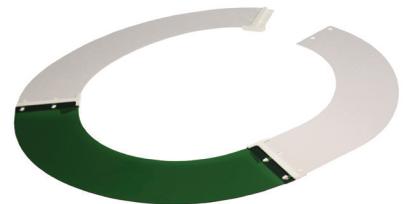
MODEL A-S4-B2

MODEL A-S4-B GR

A sun shield to expand the brim of a Bullard 303® hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate **Weight:** 3 oz.

Color: White / Grey



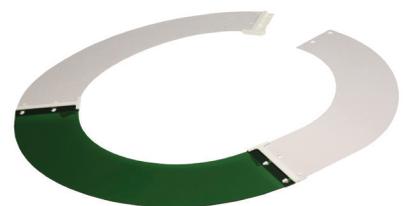
MODEL A-S4-B GR

MODEL A-S4-B2 GR

A sun shield to expand the brim of a Bullard 303® 2004 REV hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate **Weight:** 3 oz.

Color: White / Grey



MODEL A-S4-B2 GR

MODEL A-S4-M

A sun shield to expand the brim of a MSA® "V-Guard hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S4-M

MODEL A-S4-MT

A sun shield to expand the brim of a MSA® "Top Guard" hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S4-MT

MODEL A-S4-F

A sun shield to expand the brim of a Fibre Metal® hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S4-F

MODEL A-S4-E

A sun shield to expand the brim of a ERB® hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

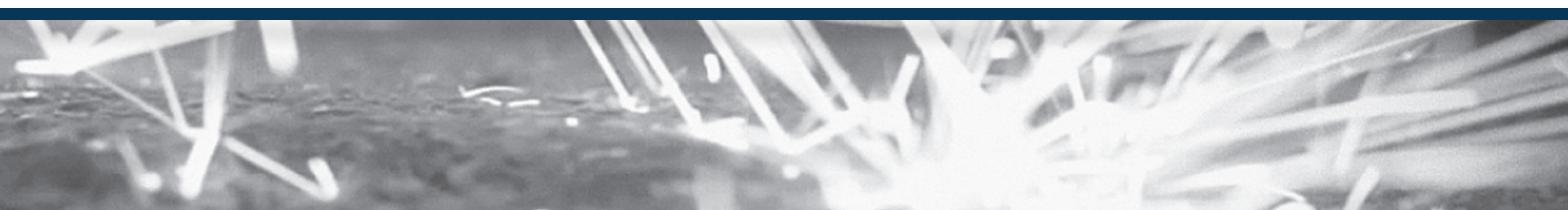
Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S4-E



SPECIALTY PROTECTION SUN SHIELDS

MODEL A-S4-JA

A sun shield to expand the brim for a Jackson/Aden® hat for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, roadwork and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S4-JA

MODEL A-S5-B

A sun shield to expand the brim of a Bullard #3000 hard cap for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, roadwork and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S5-B

MODEL A-S5-A

A sun shield to expand the brim of a Aden® hard cap for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S5-A

MODEL A-S5-M

A sun shield to expand the brim of a MSA® "V Guard" hard cap for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S5-M

MODEL A-S5-F

A sun shield to expand the brim of a Fiber Metal® hard cap for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S5-F

MODEL A-S5-J

A sun shield to expand the brim of a Jaskson / Arden® hard cap for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S5-J

MODEL A-S5-W

A sun shield to expand the brim of a Wilson® "Alpha" hard cap for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S5-W

MODEL A-S5-E

A sun shield to expand the brim of a ERB Omega III® hard cap for additional UV protection. Includes a grey transparent front section for upward vision. Rated application for outdoor construction, road work and utilities.

Material: ABS / Polycarbonate

Color: White / Grey

Weight: 3 oz.



MODEL A-S5-E

SPECIALTY PROTECTION SUN SHIELDS

MODEL A-S1

A sun shade to expand the brim of a hard hat for additional UV protection. Sun shade extends the full circumference of the brim. Universal fit. Rated application for outdoor construction, road work and utilities.

Material: Acetate

Color: Dark Green

Weight: 7 oz.



MODEL A-S1

MODEL A-S3

A sun shade to expand the front brim of a hard hat for additional UV protection. Universal fit. Rated application for outdoor construction, road work and utilities.

Material: Acetate

Color: Dark Green

Weight: 2 oz.



MODEL A-S3

SPECIALTY PROTECTION KNEE SHIELDS

The Knee Shield provides protection above and below the knee. The hinge joint articulates the Knee Shield, increasing mobility and protection area. Choose the models based on variations in the strap design, wear pads and end use application.

MODEL 1000

Articulated, four button rigid shell kneepad with adjustable rubber straps. Rated application for welding, maintenance, mining, aerospace, metalworking, tile and masonry service.

Material: HDPE Plastic Alloy **Weight:** 16 oz.
Color: Blue



MODEL 1000

MODEL 1010

Articulated, mono pad rigid shell kneepad with adjustable rubber straps. Rated application for welding, maintenance, mining, aerospace, metalworking, tile and masonry service.

Material: HDPE Plastic Alloy **Weight:** 16 oz.
Color: Blue



MODEL 1010

MODEL 1010-W

Articulated, mono pad rigid shell kneepad with adjustable elastic straps. Rated application for welding, maintenance, mining, aerospace, metalworking, tile and masonry service.

Material: HDPE Plastic Alloy **Weight:** 16 oz.
Color: Blue



MODEL 1010-W

MODEL 1010-E

Articulated, mono pad rigid shell kneepad with adjustable elastic straps. Rated application for welding, maintenance, mining, aerospace, metalworking, tile and masonry service.

Material: HDPE Plastic Alloy **Weight:** 16 oz.
Color: Blue



MODEL 1010-E

INFECTIOUS DISEASE CONTROL FACE SHIELD

The infectious Disease Control Shields and Goggles are designed as disposable products for these applications. Lightweight and universal fitting allows general deployment to the end users. The Shields can also be placed on someone to prevent unwanted activity.

MODEL IDC/F

Infectious disease control shield (spit shield). This is a complete face shield assembly with elastic attachment and foam forehead cushion. Comes with 5 shields in a resealable bag.

Material: Mylar

Color: Clear

Weight: 1 oz.



MODEL IDC/F

INFECTIOUS DISEASE CONTROL GOGGLES

MODEL IDC/GAF

Infectious disease control goggle. A complete foam cushion goggle assembly with elastic strap attachment. Designed for splash, smoke & particulate protection for the eyes.

Material: Mylar / Anti-fog Both Sides

Color: Clear

Weight: 1 oz.



MODEL IDC/GAF

CHEMICAL GOGGLES

Chemical Goggles are designed for the most severe applications. These Goggles may be mounted to a helmet or worn directly on the head of the user. The detailed specifications of each goggle are included in the product description.

MODEL 510-CD

A protective goggle designed to specifically address the needs of the worker exposed to chemical splash. Optically correct hard coated lens. Baffled top & bottom vents for chemical splash protection. Adjustable silicone strap allows the goggle to be comfortably worn on the head or mounted on a helmet.

Material: Silicone Frame & Strap. Polycarbonate Lens, Polymer Alloy Components

Color: Black and Yellow Bezel

Weight: 6 oz.

Specification: ANSI Z87.1+



MODEL 510-CD

MODEL 510-CDN

A protective goggle with nose shield designed to specifically address the needs of the worker exposed to chemical splash. Optically correct hard coated lens. Baffled top & bottom vents for chemical splash protection. Adjustable silicone strap allows the goggle to be comfortably worn on the head or mounted on a helmet.

Material: Silicone Frame & Strap. Polycarbonate Lens, Polymer Alloy Components

Color: Black and Yellow Bezel

Weight: 6 oz.

Specification: ANSI Z87.1+



MODEL 510-CDN

ACCESSORIES

The Accessories listed are designed for Paulson products as enhancements or replacements of common items. Customer Service representatives are available to advise you in your selections.

MODEL A-CP/B

Chin protector for the Paulson face shield. Rated for high temperature and severe industrial applications where additional protection below the face shield is required.

Material: Nylon

Weight: 2 oz.

Color: Black

Specification: Meets A.N.S.I. Z87.1



MODEL A-CP/B

MODEL A-CP/C

Chin protector for the Paulson face shield. Rated for high temperature and severe industrial applications where additional protection below the face shield is required.

Material: Polycarbonate

Weight: 2 oz.

Color: Clear

Specification: Meets A.N.S.I. Z87.1 +



MODEL A-CP/C

ANTI-FOG WIPE

An individually wrapped anti-fog wipe for the Paulson face shield.

Material: Anti-fog Cloth

Weight: 1 oz.

Color: White



ANTI-FOG WIPE

GLOSSARY

ABS

Acrylonitrile Butadiene Styrene is a common general purpose plastic.

ACETATE

Cellulose Acetate is a plastic that is available in polished optical sheet. Products made from this material should not be used for extremely low or high temperature applications.

ANSI

American National Standard practice for occupational and educational eye and face protection.

ANTI-FOG

A coating on a window that prevents fogging or misting in a wide range of temperatures and conditions.

BUMP CAP

A light weight cap that does not meet the test requirements of a Hard Cap or Hard Hat.

CAM-LOCK

The fastener on a protective device that attaches the window.

CAP BRACKET

A device that allows the mounting of a window to a Hard Cap.

CHIN PROTECTOR

That portion of a device that offers protection to a wearer's lower face, chin and neck.

COVER LENS

An expendable pane of clear material to protect a window from damage.

COVER PLATE

The outer expendable cover lens for a welding helmet or goggle.

CROWN

That portion of a device that offers protection to a wearer's forehead. This device provides the attachment points for a replaceable window. Also known as a Spark Guard.

DARK GREEN

ANSI Z87.1 defines dark green as window color transmitting visible light at 14% \pm 4%.

DIE CUT

A fabrication process that cuts parts from sheets of plastic or other materials.

DIELECTRIC

A nonconductor of electrical current.

EFUV

Effective Far-ultraviolet Average Transmittance

Transmittance of optical radiation with wavelengths from 200 to 315 nanometers weighted by its ability to damage the cornea.

FACESHIELD

A protector commonly intended to, when used in conjunction with spectacles and/or goggles, shield the wearer's face, or portions thereof, in addition to the eyes, from certain hazards, depending on faceshield type.

FLAT

Refers to the shape of the window. A flat window must be wrapped around the spark guard and will not provide the fit of a formed window.

FORMED

Refers to the shape of the window. A formed window conforms to the shape of the spark guard or other attachment and is considered superior in fit, feel and function.

GOGGLE

A protector intended to fit the face surrounding the eyes in order to shield the eyes from certain hazards, depending on goggle type.

HARD CAP

A safety helmet that has a front brim.

HARD HAT

A safety helmet that has a brim which extends around the helmet.

GLOSSARY

HDPE

High Density Polyethylene is a material used in opaque general purpose components.

HEADGEAR / ADAPTER

That part of a helmet, hood or faceshield that supports the device on the wearer's head.

INFRARED RADIATION (IR)

As reference in the ANSI Z87.1 standard, electromagnetic energy with wavelengths from 780-2000 nanometers.

INJECTION MOLDED

A fabricated process that produces products by filling a mold with molten plastic at high pressure.

LENS

The transparent part of a protector through which the wearer sees, also referred to as a plate or window for some devices.

LIGHT

Optical radiation weighted by its ability to cause visual sensations.

LUMINOUS TRANSMITTANCE

The fraction of light (380-780 nm) passing through a medium.

MEDIUM GREEN

ANSI Z87.1 defines medium green as a window color transmitting visible light at 23% +-4%.

METALIZED

A coating on the front of a window that is designed to reflect UV, IR and reduce visible light.

NANOMETER (NM)

A unit of measure of wavelength equal to one billionth of a meter; 10^{-9} meter.

NEAR-ULTRAVIOLET AVERAGE TRANSMITTANCE

Transmittance of optical radiation with wavelengths from 315 to 380 nanometers.

NOT WARRANTED SHATTERPROOF

A warning statement that applies to all face and eye protective devices. This statement notes this potential for any face and eye protection.

OPTICAL RADIATION

As related to ANSI Z87.1 standard, that optical portion of the electromagnetic spectrum ranging in wavelength from 200 nm to 2000 nm.

PDS

Product Data Sheet. This is a one page full description and specification of each product available from Paulson Manufacturing Corporation.

PETG

Polyethylene Terephthalate Glycol Comonomer. This plastic is used for disposable, short term use windows.

PIANO LENS

A lens that does not incorporate a corrective prescription; this lens is not necessarily flat.

PRIMARY PROTECTION

A device such as safety spectacles or goggles, which may be worn alone or in conjunction with a secondary protector. (See secondary protector)

POLYCARBONATE

An optical grade plastic available in injection molding grade and optical sheet plastic. This material is characterized by toughness, heat resistance and optical quality.

PROPIONATE

Cellulose Propionate is a plastic used for injection molded optical windows that is used for high performance applications.

RADIANT HEAT

See infrared radiation.

SAFETY / COVER PLATE

A lens that can be used interchangeably as a cover plate or a safety plate in welding applications.

SECONDARY PROTECTION

A device which shall be worn only in conjunction with a primary protector. Faceshields are classified as secondary protection.

SHADE 3

ANSI Z87.1 defines shade 3 as a lens that meets specific UV, IR and visible light requirements. The visible light requirement is a maximum of 18.0% and a minimum of 8.5%. Also referred to as W3.

SHADE 5

ANSI Z87.1 defines shade 5 as a lens that meets specific UV, IR and visible light requirements. The visible light requirement is a maximum of 3.16% and a minimum of 1.18%. Also referred to as W5.

SPARK GUARD

The portion of a headgear that offers protection to a wearer's forehead. Also known as a crown protector.

ULTRAVIOLET RADIATION (UV)

As referenced in the ANSI Z87.1 standards, electromagnetic energy with wavelengths from 200 to 380 nanometers.

VISIBLE LIGHT

The fraction of light (380-780 nanometers) passing through a lens. ANSI Z87.1 describes visible light as luminous transmittance.

WELDING FACESHIELD

A faceshield intended for specific welding application.

WELDING GOGGLE

A goggle intended for limited welding application.

WINDOW

The lens portion of a faceshield (see "lens")



PAULSON 

"Quality Products To Protect People"™



46752 Rainbow Canyon Road
Temecula, California 92592
Phone: (951) 676-2451 or (800) 542-2451
FAX: (951) 676-3481 or (800) 862-1352

www.paulsonmfg.com