

FIREFIGHTER GOGGLE PRODUCT DATA SHEETS



PAULSON 
"Quality Products To Protect People"™

FIRE **ARMOR**
lens technology



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Protective goggle designed to specifically address the needs of the structural firefighter.



Product Details	
Product Name	SFIRE
Material	Lens- Polycarbonate; Frame- Santoprene™; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.34 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the structural firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 500° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves.
Applications	Structural firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle designed to specifically address the needs of the structural firefighter.



Product Details	
Product Name	510-E
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the structural firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 500° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Structural firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle with nose shield designed to specifically address the needs of the structural firefighter.



Product Details	
Product Name	510-EN
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle with nose shield designed to specifically address the needs of the structural firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 500° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Structural firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle designed to specifically address the needs of the structural firefighter.



Product Details	
Product Name	510-EB
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the structural firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 500° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves. The Quick Release buckle system facilitates quick attachment or removal of the goggle. Fits over most prescription, safety and sun protective spectacles.
Applications	Structural firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle designed to specifically address the needs of the structural firefighter.



Product Details	
Product Name	510-SL
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Silicone; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the structural firefighter. Baffled top and bottom vents. Silicone strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 500° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Structural firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle with nose shield designed to specifically address the needs of the structural firefighter.



Product Details	
Product Name	510-SLN
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Silicone; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle with nose shield designed to specifically address the needs of the structural firefighter. Baffled top and bottom vents. Silicone strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 500° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Structural firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Repel Wildland Firefighter Goggle

Model WFIRE-C

Product Data Sheet

Protective goggle designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	WFIRE-C
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Silicone; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle with nose designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Silicone strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Features a spherical dual lens with a hard coated outer lens and anti-fog inner lens. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WE
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle with nose shield designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WEN
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle with nose shield designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WEB
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves. The Quick Release buckle system facilitates quick attachment or removal of the goggle. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle with nose shield designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WEBN
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle with nose shield designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves. The Quick Release buckle system facilitates quick attachment or removal of the goggle. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WEA
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components, Velcro® adhesive
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet. Includes Velcro® adhesive attachment for wildland caps & hats.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles. Velcro® adhesive attachment secures goggle underneath the brim of a wildland hat or to the back of a cap.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WHU
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet. Includes the Quick Strap and a universal full brim hat attachment.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle with nose shield designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WHUN
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Elastic; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle with nose shield designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Elastic strap designed for comfort when worn on the head and may be stowed on the helmet. Includes the Quick Strap and a universal full brim hat attachment.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WSL
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Silicone; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Silicone strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Protective goggle with nose shield designed to specifically address the needs of the wildland firefighter.



Product Details	
Product Name	510-WSLN
Material	Lens- Polycarbonate; Frame- Silicone; Strap- Silicone; Flame retardant plastic alloy components
Color	Lens- Clear; Frame- Black; Strap- Black
Product Weight	0.35 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Protective goggle with nose shield designed to specifically address the needs of the wildland firefighter. Baffled top and bottom vents. Silicone strap designed for comfort when worn on the head and may be stowed on the helmet.
Competitive Advantage	Passes the 350° 5 minute heat exposure test of the NFPA standard. Hard-coated outer lens with a superior anti-fog inner surface. Optically correct lens for optimal visibility. Strap tension is adjustable while wearing gloves and features the Quick Strap. Fits over most prescription, safety and sun protective spectacles.
Applications	Wildland firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Anti-abrasion/anti-fog coated replacement lens for A-TAC® structural firefighter goggle.



Product Details	
Product Name	510-AL
Material	Polycarbonate
Color	Tinted Light Yellow
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Anti-abrasion/anti-fog coated replacement lens for A-TAC® structural firefighter goggle. Visible Light Transmittance (VLT) of 85%.
Competitive Advantage	Passes the 500° 5 minute heat exposure test of the NFPA standard. Lens is long lasting, heat resistant, and includes a superior anti-abrasion hard coating on the exterior, and a permanent anti-fog coating on the interior. This will extend the service life of the lens.
Applications	Structural firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Anti-abrasion/anti-fog gold-coated replacement lens for A-TAC® structural firefighter goggle.



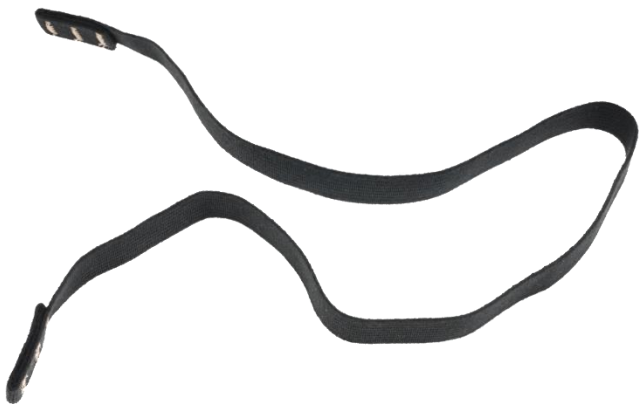
Product Details	
Product Name	510-ALG
Material	Polycarbonate, Gold
Color	Gold over a Tinted Base
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951 ANSI Z87.1+
Description	Anti-abrasion/anti-fog gold-coated replacement lens for A-TAC® structural firefighter goggle.
Competitive Advantage	Passes the 500° 5 minute heat exposure test of the NFPA standard. This heat-reflective lens is long lasting and includes a superior anti-abrasion hard coating on the exterior, and a permanent anti-fog coating on the interior. This will extend the service life of the lens.
Applications	Structural firefighting operations and other emergency operations where there is a threat of fire of extremely high heat such as an airplane crash.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

A-TAC® Firefighter Goggle Part

Model 510-ES

Product Data Sheet

Elastic replacement strap for all models of the A-TAC® firefighting goggle.



Product Details	
Product Name	510-ES
Material	PBI, Kevlar Elastic
Color	Black
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Elastic replacement strap for all models of the A-TAC® firefighting goggle.
Competitive Advantage	The special elastic is designed to survive the rigors of the firefighting environment.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

A-TAC® Firefighter Goggle Part

Model 510-ESA

Product Data Sheet

Elastic replacement strap for the A-TAC® firefighting goggle. Includes the Quick Strap adjustment hardware.



Product Details	
Product Name	510-ESA
Material	PBI, Kevlar Elastic
Color	Black
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Elastic replacement strap for the A-TAC® firefighting goggle. Includes the Quick Strap adjustment hardware.
Competitive Advantage	The special elastic is designed to survive the rigors of the firefighting environment.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

A-TAC® Firefighter Goggle Part

Model 510-ESAB

Product Data Sheet

Elastic replacement strap for the A-TAC® firefighting goggle. Includes the Quick Release buckle system and Quick Strap adjustment hardware.



Product Details	
Product Name	510-ESAB
Material	PBI, Kevlar Elastic
Color	Black
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Elastic replacement strap for the A-TAC® firefighting goggle. Includes the Quick Release buckle system and Quick Strap adjustment hardware.
Competitive Advantage	The special elastic is designed to survive the rigors of the firefighting environment. The Quick Release buckle system facilitates quick attachment or removal of the goggle.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

A-TAC® Firefighter Goggle Part

Model 510-ESB

Product Data Sheet

Elastic replacement strap for the A-TAC® firefighting goggle. Includes the Quick Release buckle system.



Product Details	
Product Name	510-ESB
Material	PBI, Kevlar Elastic
Color	Black
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Elastic replacement strap for the A-TAC® firefighting goggle. Includes the Quick Release buckle system.
Competitive Advantage	The special elastic is designed to survive the rigors of the firefighting environment. The Quick Release buckle system facilitates quick attachment or removal of the goggle.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php



A-TAC® Firefighter Goggle Part

Model 510-SS

Product Data Sheet

Silicone replacement strap for the A-TAC® firefighting goggle.



Product Details	
Product Name	510-SS
Material	Silicone
Color	Black
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Silicone replacement strap for the A-TAC® firefighting goggle.
Competitive Advantage	The silicone strap assembly is designed to survive the rigors of the firefighting environment. Silicone material is anti-absorbent and very easy to clean.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

A-TAC® Firefighter Goggle Part

Model 510-SSA

Product Data Sheet

Silicone replacement strap for the A-TAC® firefighting goggle. Includes the Quick Strap attachment hardware.



Product Details	
Product Name	510-SSA
Material	Silicone, Plastic Alloys
Color	Black
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Silicone replacement strap for the A-TAC® firefighting goggle. Includes the Quick Strap attachment hardware.
Competitive Advantage	The silicone strap assembly is designed to survive the rigors of the firefighting environment. Silicone material is anti-absorbent and very easy to clean.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Clear disposable self-adhesive cover lens for the A-TAC® firefighter goggle. Package of 5.



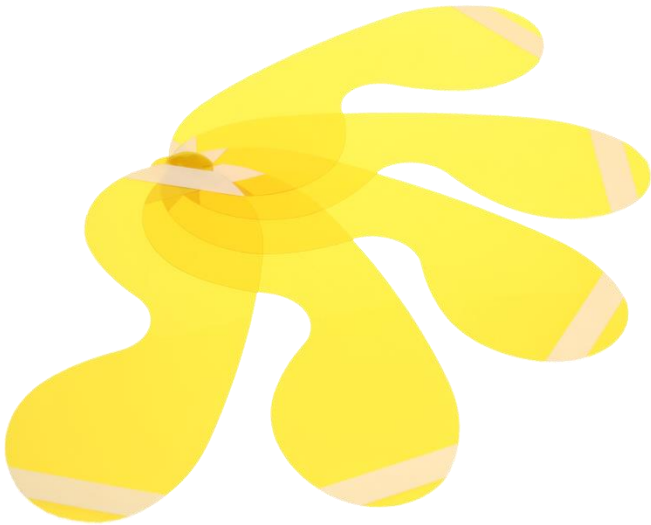
Product Details	
Product Name	A-GLCC
Material	Mylar/Adhesive
Color	Clear
Product Weight	0.01 lbs.
Description	Clear disposable self-adhesive cover lens for the A-TAC® firefighter goggle. Package of 5.
Competitive Advantage	Self-adhesive design maintains a tight seal and eliminates dust and dirt from entering behind the cover lens and is easy to install. The cover lens is designed to be pulled off if the goggle is splashed with a vision blocking material or gets scratched.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Grey disposable self-adhesive cover lens for the A-TAC® firefighter goggle. Package of 5.



Product Details	
Product Name	A-GLCS
Material	Mylar/Adhesive
Color	Grey
Product Weight	0.01 lbs.
Description	Grey disposable self-adhesive cover lens for the A-TAC® firefighter goggle. Package of 5.
Competitive Advantage	Self-adhesive design maintains a tight seal and eliminates dust and dirt from entering behind the cover lens and is easy to install. The cover lens is designed to be pulled off if the goggle is splashed with a vision blocking material or gets scratched.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Amber disposable self-adhesive cover lens for the A-TAC® firefighter goggle. Package of 5.



Product Details	
Product Name	A-GLCA
Material	Mylar/Adhesive
Color	Amber
Product Weight	0.01 lbs.
Description	Amber disposable self-adhesive cover lens for the A-TAC® firefighter goggle. Package of 5.
Competitive Advantage	Self-adhesive design maintains a tight seal and eliminates dust and dirt from entering behind the cover lens and is easy to install. The cover lens is designed to be pulled off if the goggle is splashed with a vision blocking material or gets scratched.
Applications	Firefighting operations and other emergency operations where there is a threat of fire. Also designed for other physical hazards such as non-fire-related salvage, rescue operations, emergency medical operations, and victim extraction.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

PBI carrying gag designed to protect the A-TAC® goggle under the harsh conditions associated with firefighting.



Product Details	
Product Name	A-GB
Material	PBI
Color	Yellow
Product Weight	0.03 lbs.
Description	PBI carrying gag designed to protect the A-TAC® goggle under the harsh conditions associated with firefighting.
Competitive Advantage	This bag allows the proper storage of the goggle while it is not being used. Ensures that your goggle will be ready for use, clean, and well protected.
Applications	Anytime the goggles are not in use but the owner would like to protect the unit from dirt and scratches.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Clip system designed to fit the firefighting helmet that the A-TAC® goggle will be attached to. Sold as a pair.



Product Details	
Product Name	A-GC
Material	Plastic Alloy
Color	Black
Product Weight	0.01 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Clip system designed to fit the firefighting helmet that the A-TAC® goggle will be attached to. Sold as a pair.
Competitive Advantage	These simple mounting clips control the strap and allow the goggle to be placed on the front or rear of the helmet for storage. The goggle can be easily pulled into the deployed position.
Applications	Any operation in which a full-brim fire helmet would be worn with goggles attached.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

A-TAC® Firefighter Goggle Accessory

Model A-PC

Product Data Sheet

Clip system designed to fit the Phenix® firefighting helmet that the A-TAC® goggle will be attached to. Sold as a pair.



Product Details	
Product Name	A-PC
Material	Plastic Alloy
Color	Black
Product Weight	0.01 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Clip system designed to fit the Phenix® structural firefighting helmet that the A-TAC® goggle will be attached to. Sold as a pair.
Competitive Advantage	These simple mounting clips control the strap and allow the goggle to be placed on the front or rear of the helmet for storage. The goggle can be easily pulled into the deployed position.
Applications	Any operation in which a full-brim Phenix® firefighting helmet would be worn with goggles attached.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

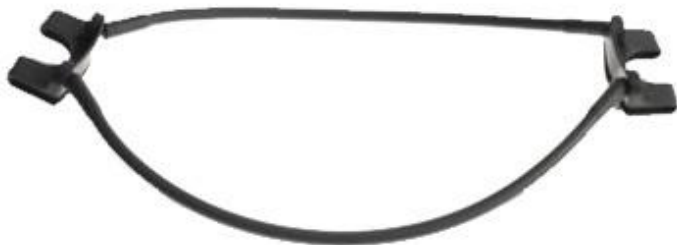


Clip system designed to fit the firefighting helmet that the A-TAC® goggle will be attached to. Sold as a pair.



Product Details	
Product Name	A-SGK
Material	Aluminum, Plastic Alloy
Color	Black
Product Weight	0.65 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Clip system designed to fit the firefighting helmet that the A-TAC® goggle will be attached to. Sold as a pair.
Competitive Advantage	These simple mounting clips control the strap and allow the goggle to be placed on the front or rear of the helmet for storage. The goggle can be easily pulled into the deployed position.
Applications	Any operation in which a full-brim fire helmet would be worn with goggles attached.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Universal goggle retainer for wildland firefighter front-brim caps.



Product Details	
Product Name	A-WUCA
Material	Rubber, Plastic Alloys
Color	Black
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Universal goggle retainer for wildland firefighter front-brim caps. This unit will retrofit to existing A-TAC® goggles.
Competitive Advantage	Designed to survive the rigor of the wildland firefighting environment.
Applications	Any operation in which a front-brim wildland firefighter cap would be worn with goggles attached.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

Universal goggle retainer for wildland firefighter full-brim hats.



Product Details	
Product Name	A-WUHA
Material	Rubber, Plastic Alloys
Color	Black
Product Weight	0.03 lbs.
Specification	NFPA 1971, 1977, 1951
Description	Universal goggle retainer for wildland firefighter full-brim hats. This unit will retrofit to existing A-TAC® goggles.
Competitive Advantage	Designed to survive the rigor of the wildland firefighting environment.
Applications	Any operation in which a full-brim wildland firefighter hat would be worn with goggles attached.
Comments	See the videos on Paulson’s fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

IDC Face Shield (Spit Shield)

Product Data Sheet

Model IDC/F

Complete infectious disease control face shield assembly with elastic attachment and foam forehead cushion.



Product Details	
Product Name	IDC/F
Material	Shield- Mylar (anti-static); Forehead Cushion- Foam; Strap- Elastic
Color	Shield- Clear; Forehead Cushion- Grey; Strap- Black
Product Weight	0.06 lbs.
Specification	OSHA 1910.1030
Description	Infectious disease control shield (spit shield). A complete face shield assembly with elastic attachment and foam forehead cushion. Sold as a package of 5 in a re-sealable bag. Latex free assembly.
Competitive Advantage	Each unit can be disposed of after use at minimal expense. The re-sealable bag keeps the unused product clean and ready for use. Individual units may be rolled into a tube and stowed in a cargo pocket for easy access when needed. One size fits all.
Applications	Police, Sheriff, University Police, Jail, Institutional, Medical.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

IDC Face Shield (Spit Shield)

Product Data Sheet

Model IDC/F-100

Complete infectious disease control face shield assembly with elastic attachment and foam forehead cushion. Sold in cartons of 100 units.



Product Details	
Product Name	IDC/F-100
Material	Shield- Mylar (anti-static); Forehead Cushion- Foam; Strap- Elastic
Color	Shield- Clear; Forehead Cushion- Grey; Strap- Black
Product Weight	0.06 lbs.
Specification	OSHA 1910.1030
Description	Infectious disease control shield (spit shield). A complete face shield assembly with elastic attachment and foam forehead cushion. 100 units to a carton packed in 20 re-sealable bags, 5 units per bag. Latex free assembly.
Competitive Advantage	Each unit can be disposed of after use at minimal expense. The re-sealable bag keeps the unused product clean and ready for use. Individual units may be rolled into a tube and stowed in a cargo pocket for easy access when needed. One size fits all.
Applications	Police, Sheriff, University Police, Jail, Institutional, Medical.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

IDC Goggle

Model IDC/GAF

Product Data Sheet

Anti-fog infectious disease control goggle designed for splash, smoke, and particulate protection for the eyes.



Product Details	
Product Name	IDC/GAF
Material	Lens- Mylar (anti-static); Frame- Foam; Strap- Elastic
Color	Lens- Clear; Frame- Grey; Strap- Black
Product Weight	0.06 lbs.
Specification	OSHA 1910.1030
Description	Anti-fog infectious disease control goggle designed for splash, smoke, and particulate protection for the eyes.
Competitive Advantage	Each unit can be disposed of after use at minimal expense. The re-sealable bag keeps the unused product clean and ready for use. Anti-fog coating improves visibility. One size fits all.
Applications	Police, Sheriff, University Police, Jail, Institutional, Medical.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php

IDC Goggle

Model IDC/GAF-100

Product Data Sheet

Anti-fog infectious disease control goggle designed for splash, smoke, and particulate protection for the eyes. Sold in cartons of 100 units.



Product Details	
Product Name	IDC/GAF-100
Material	Lens- Mylar (anti-static); Frame- Foam; Strap- Elastic
Color	Lens- Clear; Frame- Grey; Strap- Black
Product Weight	0.06 lbs.
Specification	OSHA 1910.1030
Description	Anti-fog infectious disease control goggle designed for splash, smoke, and particulate protection for the eyes. 100 units to a carton with each unit packed in a re-sealable bag. Latex free assembly.
Competitive Advantage	Each unit can be disposed of after use at minimal expense. The re-sealable bag keeps the unused product clean and ready for use. Anti-fog coating improves visibility. One size fits all.
Applications	Police, Sheriff, University Police, Jail, Institutional, Medical.
Comments	See the videos on Paulson's fire products at: https://www.paulsonmfg.com/Fire-Products-Videos.php



Plastics Used in Paulson Products

ABS	<i>Acrylonitrile Butadiene Styrene</i> is a common general purpose plastic.
Acetate	<i>Cellulose Acetate</i> 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.
HDPE	<i>High Density Polyethylene</i> is a material used in opaque general purpose components.
Nylon	Characterized by toughness, optical quality, and resistance to severe heat.
PETG	<i>Polyethylene Terephthalate Glycol</i> is typically used for packaging applications such as blister packs and bottles.
Polycarbonate	Commonly referred to as <i>Lexan®</i> ; characterized by toughness, heat resistance, and optical quality.
Propionate	<i>Cellulose Propionate</i> is a plastic used for injection molded optical face shields used for high performance applications
Tritan	Characterized by excellent resistance to a wide variety of chemicals.

Product Terminology

3Phase®	Paulson's lift-front arc flash face shield.
A-TAC®	Paulson's line of structural & wildland firefighting and tactical goggles.
ALM™	The flashlight system available as an accessory to the 3Phase® lift-front arc shield that features an <i>articulated light mount</i> designed to receive a 60-lumen Streamlight flashlight.
AmpShield®	Paulson's line of arc shields that feature premium coatings and a transparent chin protector for excellent downward vision.
Anti-Fog	A coating on a face shield that prevents fogging or misting in a wide range of temperatures and conditions.

Glossary

ArcVent™	The ventilation system featured on the 3Phase® lift-front arc shield (front vents and side auditory vents) as well as the vent patches designed to be sewn into arc hoods and suits.
ATPV	<i>Arc Thermal Protection Value</i> expressed in calories/cm ² . Used to determine the appropriate arc flash PPE for the various hazard risk categories as defined by NFPA 70E.
Balaclava	A close-fitting garment covering the whole head and neck except for parts of the face. Used in conjunction with Paulson's arc flash face shields.
Berry Amendment	A statutory requirement that restricts the Department of Defense (DoD) from using funds appropriated or otherwise available to DoD for procurement of food, clothing, fabrics, fibers, yarns, other made-up textiles, and hand or measuring tools that are not grown, reprocessed, reused, or produced in the United States. Although not directly related, all Paulson products (except light body armor) are Berry Amendment compliant.
Bump Cap	A lightweight cap that does not meet the test requirements of a hard cap or hardhat.
Calorie	A unit of measuring energy or heat.
Cam-Lock	The fastener on the cap/hat bracket or headgear that attaches to the face shield.
Cap Bracket	A device that allows the mounting of a face shield to a hard cap.
Chin Protector	The portion of a face shield that offers protection to the wearer's chin, lower face, and neck.
Cobalt Blue	A blue tint for face shields and goggles that reduces bright yellow/orange (sodium line) of the visible light spectrum typical of gas welding applications and furnace operations.
Cover Lens	A disposable pane of clear material to protect face shields and goggle lenses from damage.
Cover Plate	The outer disposable cover lens for a welding helmet or goggle.
Dark Green	ANSI Z87.1 defines dark green as a face shield color transmitting visible light at 14%, +-4%.

Die Cut	A fabrication process that cuts parts from sheets of plastic or other materials.
Dielectric	A nonconductor of electrical current.
DK5	Paulson's legacy riot face shields "Deployment Kit 5". Field-mount system with fabric strap attachment. Designed for PASGT helmets only. Also available as a hard-mount system bolted to the helmet.
DK6	Paulson's universal riot face shields "Deployment Kit 6". Field-mount system with hard plastic alloy band attachment. Designed to fit most PASGT, ACH, and MICH helmets.
DK7	Paulson's universal tactical face shields "Deployment Kit 7". Field-mount system with hard plastic alloy band attachment. Designed to fit most PASGT, ACH, and MICH helmets. Also available with a rail-mount attachment system.
Face Shield	A protective device commonly intended to shield the wearer's face, or portions thereof, in addition to the eyes, from certain hazards. Face shields are secondary protectors and should be used only with primary eye protection.
Face Shield Kit	A face shield used in combination with headgear or mounting device.
Flat	Refers to the shape of the face shield. A flat face shield must wrap around the spark guard and will not provide the fit of a formed face shield.
Formed	Refers to the shape of the face shield. A formed face shield conforms to the shape of the spark guard or other attachments, and is considered superior in fit, feel, and function to flat face shields.
Hard Cap	A safety helmet that has a front brim.
Hardhat	A safety helmet that has a brim that extends around the helmet.
Hat Bracket	A device that allows the mounting of a face shield to a hardhat.

HT™	A nanoparticle grey-tint for Paulson arc shields that allows for <i>highly transparent</i> vision and enhanced color recognition of electrical wires in the field
Injection Molded	The method of forming objects from granular or powdered plastics in which the materials are fed from a hopper to a heated chamber in which it is softened, after which a ram or screw forces the material into a mold. Pressure is maintained until the mass has hardened sufficiently for removal from the mold. Paulson injection molded shields feature improved optical & physical characteristics, while the formed shape also improves comfort & safety.
Metalized	A coating on the front of a face shield that is designed to reflect UV, IR, and reduce visible light.
Nanoparticles	Inorganic material particles between 1 and 100 nanometers (nm) in size with a surrounding interfacial layer. Their application in Paulson shields allows the use of higher quality polycarbonate material, resulting in higher impact value, as well as slower degradation rate and compatibility with higher quality protective coatings, all of which extend the service life of the product.
Not Warranted Shatterproof	A warning statement that applies to all face and eye protection devices. The statement notes this potential for any face and eye protection.
Primary Protection QuickView	A device such as safety spectacles or goggles which may be worn alone or in conjunction with a secondary protector. Paulson's line of flip-front face shields that feature a full-coverage clear face shield with a 4" or 6" flip-front shield available in shades 3-9, shade 5 cobalt blue, and gold-coated
Rail-Mount	Refers to Paulson's rail-mounted tactical face shields that attach to ballistic helmets with side rail systems.
Safety/Cover Plate	A lens that can be used interchangeably as a cover plate and/or safety plate in welding applications.
Secondary Protection	A device worn only in conjunction with a primary protector. Face shields are classified as secondary protectors.

Glossary

Shade 5	ANSI Z87.1 defines shade 5 as a face shield color that meets specific UV, IR, and visible light requirements. The visible light requirement is a maximum of 3.16% and minimum of 1.18%.
Spark Guard	The portion of a headgear that protects the wearer's forehead. Also known as a crown protector.

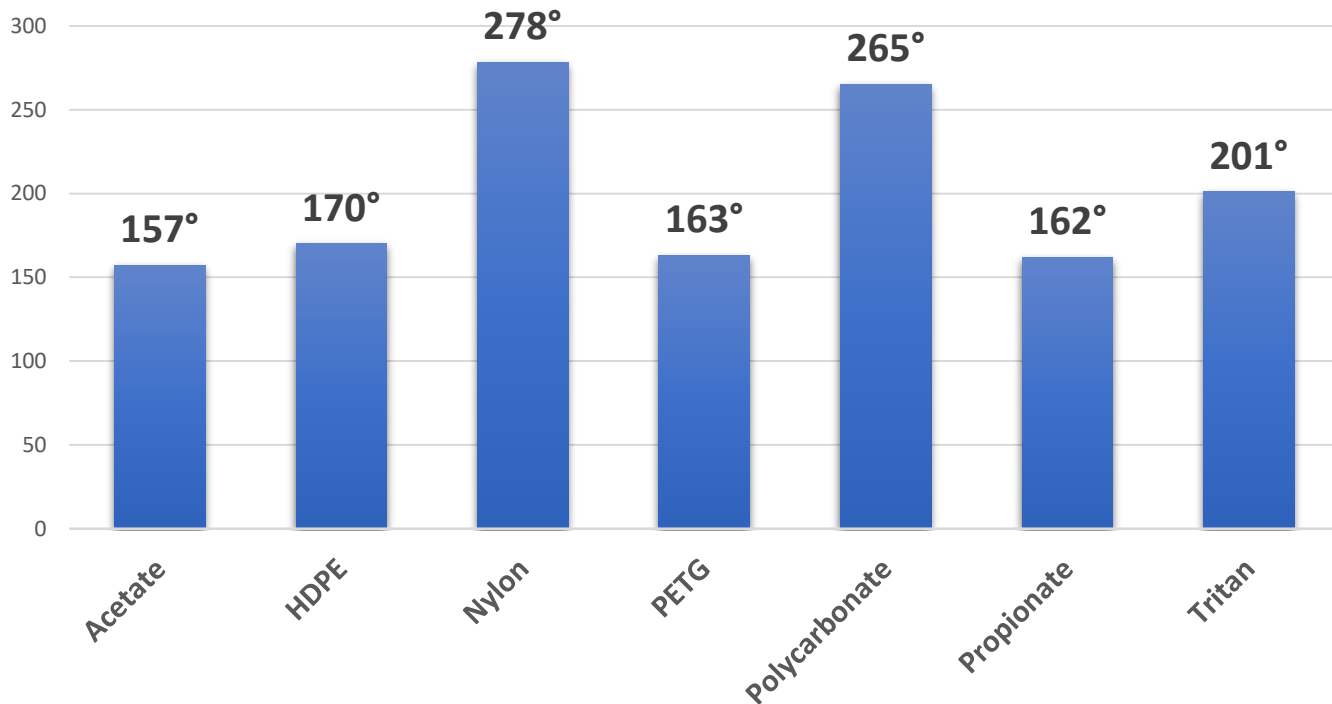
National Safety Standards Met by Paulson Products

STANDARD	DEFINITION	GOVERNING BODY
ANSI Z87.1	Provides minimum requirements for eye and face protective devices in the workplace, including selection, use and maintenance of the devices.	American National Standards Institute
ANSI Z87.1+	Provides minimum requirements for high velocity impact eye and face protective devices in the workplace, including selection, use and maintenance of the devices.	American National Standards Institute
ANSI Z87.1+S	Provides minimum requirements for high velocity impact specialty eye and face protective devices in the workplace, including selection, use and maintenance of the devices.	American National Standards Institute
ASTM F2178	Standard test method for determining the arc rating and standard specification for eye or face protective products.	American Society for Testing & Materials
NFPA 70E	The standard for electrical safety in the workplace.	National Fire Protection Association
NFPA 1951	The standard on protective ensembles for technical rescue incidents.	National Fire Protection Association

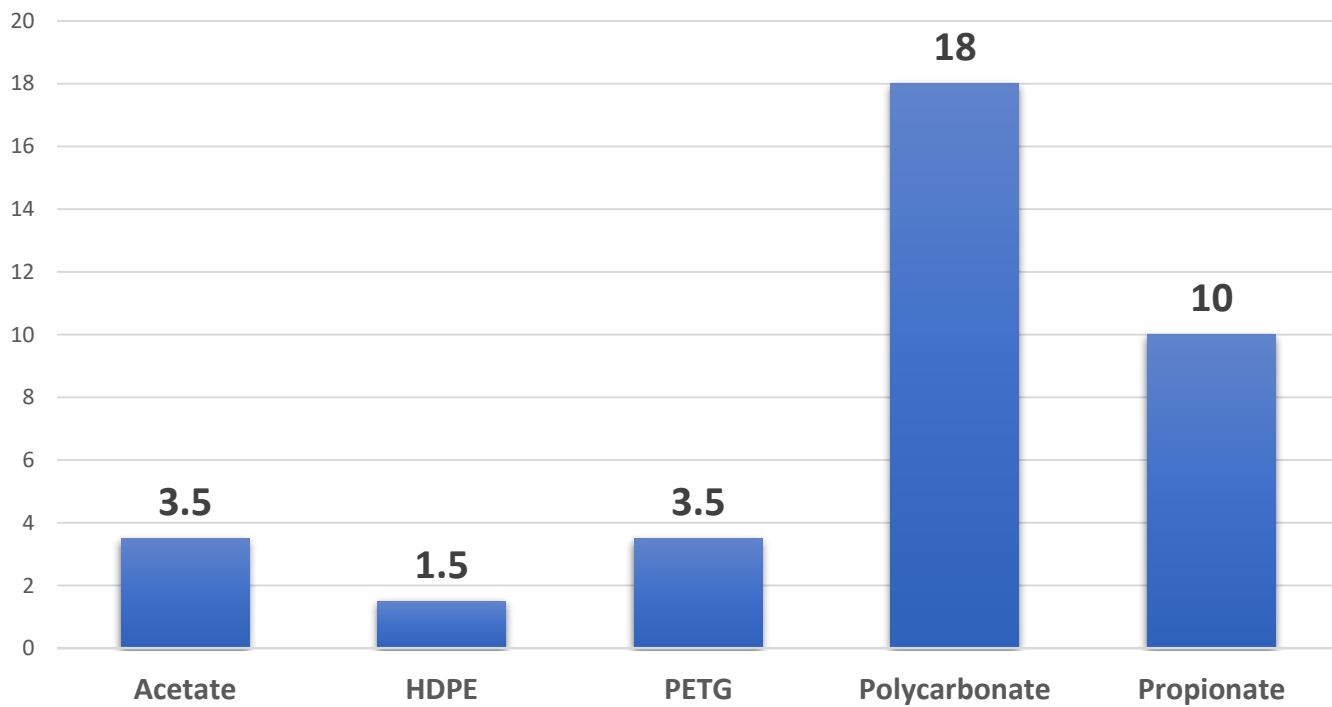
Glossary

NFPA 1971	Protects firefighting personnel by establishing minimum levels of protection from thermal, physical, environmental, and blood borne pathogen hazards encountered during structural and proximity firefighting operations.	National Fire Protection Association
NFPA 1977	The standard on protective clothing and equipment for wildland firefighting.	National Fire Protection Association
NIJ 0104.02	The standard that establishes requirements and methods of test for helmets and face shields to be worn by law enforcement officers during civil disturbances, riots, or other situations that pose a threat of injury from blows to the head	National Institute of Justice

Heat Distortion Temperature (Fahrenheit)



Izod Impact Value (J/m²)



Light Transmittance (%)

