



ARC FLASH FACESHIELD BROCHURE

BUILT FROM THE FIELD. ENGINEERED FOR THE FUTURE.

Electrical safety PPE shouldn't just meet standards. It should ***evolve with the job.*** Enespro products are shaped directly by the experiences of electrical workers and designed to solve the ever-changing challenges in comfort, mobility, and protection.

Enespro was created to challenge the old guard, driven by an indisputable industry need to do better at protecting our loved ones. That means finding more comfortable fabrics. Designing better fits that are easier to put on and never restrictive. Innovating faceshields that won't diminish your vision. In short, we're making PPE that workers will actually want to wear.



ENESPRO® CAT 2 ARC FLASH HEAD PROTECTION COMPARISON CHART

FEATURES & BENEFITS	H12HTHAT (12 CAL) H20HTHAT (20 CAL)	EN123SNTNB01AL (12 CAL) H65UW20LFS (20 CAL)	ENH12TRHAT (12 CAL) ENH20TRHAT (20 CAL)	
				
	Balaclava - Comfort & Convenience	Required	Not Required	Required
	Color Recognition - Visibility	✓	✓	✓
	Weight Compensating Bracket - Comfort	✓		✓
	Toric Lens - Reduce Glare & Improved Visibility		✓	✓
	Light Mount Availability* - Visibility	✓	✓	✓
	ArcVent - Ventilation & Communication		✓	✓
	Permanent Anti-Fog/Anti-Abrasion - Durability		✓	✓
	Ratched Hard Hat - Convenience		✓	✓

*HLITEKIT Sold Separately

ARC FLASH FACESHIELD BRACKET COMPATIBILITY GUIDE

FRONT BRIM BRACKETS



Designed to fit most front brim cap-style hard hats.



FULL BRIM BRACKETS



Designed to fit most full brim hard hats.



TYPE II BRACKET



Compatible with MSA V-Gard Type II Safety Helmet.



*See website for latest compatible hard hat brands.

Available as full kit offerings - see page 13-14 for additional details

ENESPRO® PUREVIEW™ FACESHIELDS

FEATURES AND BENEFITS:

- **Optical Precision** - Highly transparent nanoparticle lens provides full spectrum color recognition
- **Durability** - Features anti-fog/anti-scratch coating and injection-molded nanoparticle technology, which resists UV degradation
- **Comfort & Convenience** - Patented weight-compensating hover bracket reduces neck strain when the shield is secured above the head (front-brim Hover™ Series models only)

MATERIAL:

Polycarbonate

COMPLIANT WITH:

ANSI/ISEA Z87.1, ASTM F1506, ASTM F2178, CSA Z462, NFPA® 70E, OSHA 1910.269



SLOTTED FRONT BRIM



Hover™ Series Faceshield with Slotted Adapter

H12HT (12 CAL)
H20HT (20 CAL)



Hover™ Series Faceshield with Hard Hat

H12HTHAT (12 CAL)
H20HTHAT (20 CAL)



Hover™ Series Faceshield Kit

K12HP12PV (12 CAL)
K12HP20PV (20 CAL)

UNIVERSAL FRONT BRIM



PureView™ Faceshield with Universal Front Brim Adapter

H12HTU (12 CAL)
H20HTU (20 CAL)

UNIVERSAL FULL BRIM



PureView™ Faceshield with Universal Full Brim Adapter

H12HTFB (12 CAL)
H20HTFB (20 CAL)

ENESPRO® AIRLITE™ 12 CAL LIFT-FRONT SHROUD

PART NUMBER:

EN123SNTNB01AL

FEATURES AND BENEFITS:

- **Cooling** – Lift-front shield allows convenient access to fresh air
- **Superior Breathability** - Shroud allows for more airflow than faceshield & balaclava, providing cool, comfortable protection
- **Optical Precision** – Highly transparent faceshield provides full-spectrum color recognition
- **Durability** – Features premium anti-fog/anti-scratch coating and injection-molded nanoparticle technology, which resists UV degradation
- **Enhanced Visibility** – FR 3M™ Scotchlite™ Reflective Comfort Trim enhances visibility in low light environments

ARC RATING:

12 cal/cm² | CAT 2

MATERIAL:

Shroud: 7.5 oz Tecgen CC™

Faceshield: Polycarbonate

COMPLIANT WITH:

ANSI/ISEA Z87.1, ASTM F2178, CSA Z462, NFPA® 70E, OSHA 1910.269

PRODUCT IMAGE:





ENESPRO® 20 CAL LIFT FRONT SHROUD

PART NUMBER:

H65UW20LFS

FEATURES AND BENEFITS:

- **Cooling** – Lift-front shield allows convenient access to fresh air
- **Superior Breathability** - Shroud allows for more airflow than faceshield & balaclava, providing cool, comfortable protection
- **Optical Precision** – Highly transparent faceshield provides full-spectrum color recognition
- **Durability** – Features premium anti-fog/anti-scratch coating and injection-molded nanoparticle technology, which resists UV degradation

ARC RATING:

20 cal/cm² | CAT 2

MATERIAL:

Shroud: 13 oz. FR Cotton Blend
Faceshield: Polycarbonate

COMPLIANT WITH:

ASTM F2178, CSA Z462, NFPA® 70E,
OSHA 1910.269

PRODUCT IMAGE:





ENESPRO® HOVER XTR™ SERIES FACESHIELDS

MATERIAL:

Polycarbonate

COMPLIANT WITH:

ANSI/ISEA Z87.1, ASTM F1506, ASTM F2178, CSA Z462, NFPA® 70E, OSHA 1910.269

Premium anti-fog,
anti-abrasion coating

Innovative toric shape reduces
glare and visual distortion

Hover weight-compensating
bracket stows shield evenly
above hard hat

Lighter PureView™ tint for better
color recognition & visibility

Arc vent offers improved
ventilation & communication

Attachment for an articulated light
mount (HLITEKIT) sold separately



SLOTTED FRONT BRIM



Hover XTR™ Series Faceshield
with Slotted Adapter

ENH12TR (12 CAL)
ENH20TR (20 CAL)



Hover XTR™ Series Faceshield
with Hard Hat

ENH12TRHAT (12 CAL)
ENH20THRAT (20 CAL)



Hover XTR™ Series Faceshield Kit

KITHP12TR (12 CAL)
KITHP20TR (20 CAL)

UNIVERSAL FULL BRIM



Hover XTR™ Series Faceshield with Full Brim Bracket

ENH12TR-FB (12 CAL)
ENH20TR-FB (20 CAL)

*Hard Hat Not Included



Hover XTR™ Series Full Brim Faceshield Kit

KITHP12TRFB (12 CAL)
KITHP20TRFB (20 CAL)

*Hard Hat Not Included

ENESPRO® HOVER XTR™ SERIES FACESHIELDS

FEATURES AND BENEFITS:

- **Optical Precision** – Highly transparent nanoparticle lens provides full spectrum color recognition
- **Visual Clarity** – Innovative toric shape reduces glare and visual distortion
- **Increased Field of Vision** – Transparent chin cup and wider toric shield extends peripheral vision & improves situational awareness
- **Durability** - Features premium anti-fog/anti-scratch coating and injection-molded nanoparticle technology, which resists UV degradation
- **Comfort & Convenience** – Patented weight-compensating hover bracket reduces neck strain when the shield is secured above the head
- **Comprehensive Head Protection** - Type II safety helmet with EPS foam liner protects against top, front, lateral, and rear impact to better prevent traumatic head injury

COMPLIANCE:

ANSI/ISEA Z87.1, ASTM F1506, ASTM F2178, CSA Z462, NFPA® 70E, OSHA 1910.269

MATERIAL:

Polycarbonate



Hover XTR™ Series Faceshield
For Type II Safety Helmet

ENH12TR-T2 (12 CAL)
ENH20TR-T2 (20 CAL)



Hover XTR™ Series Faceshield
with Type II Safety Helmet

ENH12TRHAT-T2 (12 CAL)
ENH20TRHAT-T2 (20 CAL)



Hover XTR™ Series Kit with
Type II Safety Helmet

KITHP12TR-T2 (12 CAL)
KITHP20TR-T2 (20 CAL)

450,540

Falls, Slips and Trips
(2021 & 2022)

US Bureau of Labor Statistics

450,050

Contact with Objects & Equipment
(2021 & 2022)

364

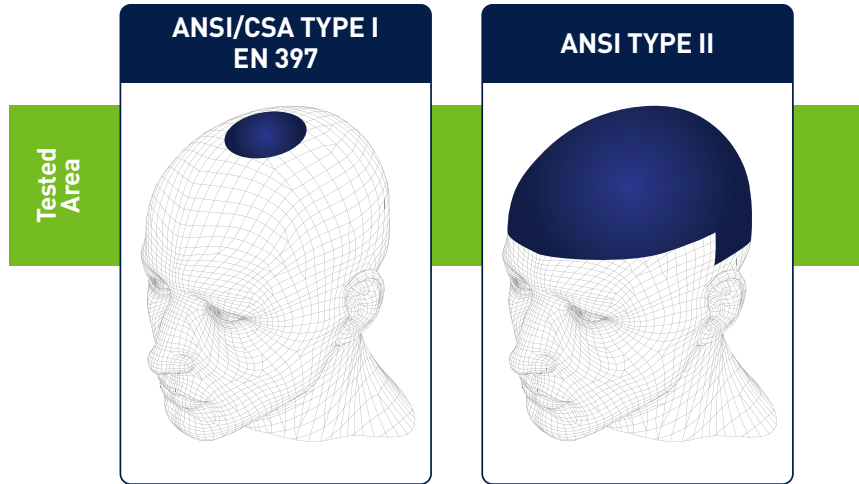
Fatalities Annually
(2017-2021)

>500,000

Industrial Workers Hospitalized with TBI
(Over 10 Years)

ANSI/ISEA Z89.1 TYPE II HARD HAT STANDARDS COMPARISON

ANSI/CSA Type I / vs. ANSI/CSA Type II vs. EN397 vs. EN12492



Following OSHA's Lead: Why Type
II Helmets Are Gaining Ground

SEEING CLEARLY: THE EVOLUTION OF FACESHIELD TECHNOLOGY



LEGACY GREEN TINTED

Early arc flash shields used green tint to absorb infrared light, but the tradeoff was poor visibility and distorted color recognition. This causes serious risks in environments where every detail matters.



NANOPARTICLE TECHNOLOGY

Cutting-edge nanoparticle technology was incorporated into arc flash faceshields, enabling them to block radiation from arc flashes with a highly transparent grey tint for full spectrum color recognition

Cylindrical



XTR



Scan to learn more about
our evolution of arc flash
faceshield technology



THE LATEST INNOVATION: XTR™

Traditional cylindrical lenses can cause light to refract incorrectly before hitting the eye, creating peripheral glare & distortion. The toric lens shape used in the XTR™ is inspired by modern optometry to mitigate these issues & provide much sharper visual clarity.

CHECK OUT THE FULL ENESPRO® ELECTRICAL SAFETY & PPE OFFERING

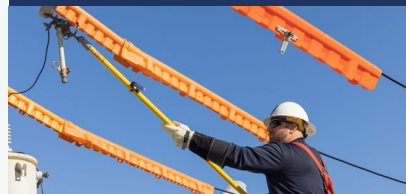
Arc Flash PPE



Electrical Hand Protection



Hot Sticks and Tools



Insulating Blankets



Storage & Accessories



Scan to view our full
product offering





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