

**Encon**<sup>®</sup>  
SAFETY PRODUCTS



# ***Personal Protective Equipment***



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*NASCAR® is a registered trademark of the National Association for Stock Car Auto Racing, Inc.*












## **About Encon Safety Products®**

Since 1964 Encon® has been designing and manufacturing personal protective equipment with one goal in mind: keep people safe. Recently we developed one of the most advanced fog resistant coatings on the market. Encon is always striving to make our spectacles fashionable and comfortable for all day wear, but most importantly for safety. Safety is in our name. Because of our continued focus on safety for all workers, we have become the most sought after name in industrial safety.

*While the function remains the same, due to continuous product improvements, products may vary from the photographs in the catalog.*

1-800-283-6266 | [www.enconsafety.com](http://www.enconsafety.com)

# Lens Colors

LENS COLOR	APPLICATIONS	VLT*	UV Absorption
Clear	 For indoor applications where impact, dust and debris protection is required. Also for outdoor use in low light situations.	92%	99.9%
Gray	 For outdoor applications where sunlight and glare cause eye strain and fatigue. A neutral shade that provides true color recognition while reducing visible brightness. All purpose eyewear. Not recommended for indoor use.	15%	99.9%
Amber	 For low light applications (indoors, at dawn/dusk, foggy days). Reduces blue light and ultraviolet light, increases contrast, brightens and enhances details improving visual acuity. Ideal for quality control inspections.	90%	99.9%
Indoor/ Outdoor	 For use when moving to or from indoor and outdoor environments. Allows user to wear one pair of glasses in both situations.	50%	99.9%
Lite Silver	 Commonly used to ease the transition between indoor and outdoor environments by reducing glare.	50%	99.9%
Silver or Blue Mirror	 For outdoor applications. Mirrored lens reflects light, reducing the amount of light that passes through the lens. Significantly reduces glare and bright light. Not recommended for indoor use.	10%	99.9%
Lite Blue	 Most commonly used for indoor applications where there are high levels of yellow incandescent/fluorescent lamps, or high and low pressure sodium vapor lighting, offering good contrast.	50%	99.9%
Vermilion	 Ideal for indoor inspection under bright lighting. Enhances contrast while reducing all color equally for optimum color recognition. Also reduces glare from fluorescent and halogen lighting.	55%	99.9%
Retina- SPEC™	 Conventionally used for use with dental bonding blue light lasers.	20%	99.9%

\*Visual Light Transmittance (VLT) is the measure of the amount of light that passes through the glass. 35% VLT means 35% of the visible light passes through the glass and the rest of the light is blocked.

# Lens Coatings

## ScratchCoat®

A scratch-resistant coating to prolong the life of the lens.

## AFR™ Coating

Advanced Fog Resistance fights fog longer with enough time for temperature adjustments in the harshest conditions.

## ENCOTE®

An all-in-one anti-fog, anti-scratch and anti-static coating for hostile work environments.

## ENFOG®

An anti-fog coating to prevent the formation of fog on the lens.

## California Proposition 65

**⚠️ WARNING:** This product can expose you to BPA, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# Industry Specifications

Encon uses a third party facility to test our products, ensuring they meet or exceed the following standards and/or certifications. Throughout the catalog you will see each product has the correct corresponding certification badge(s) listed.

**ANSI**  
certification **ANSI Z87.1+ High Impact**  
*American National Standard  
for Occupational and Educa-  
tional Personal Eye and Face  
Protection Devices*

**D3** **Droplet and Splash Hazard**

**CSA**  
certification **CSA Z94.3**  
*Canadian Standards  
Association Eye and Face  
Protectors*

**70E** **NFPA 70E**  
*Standard for Electrical Safety  
in the Workplace*

**ANSI**  
S3.19 **ANSI S3.19**  
*American National Standard  
Method for Measurement of  
Real-Ear Protection of Hearing  
Protectors and Physical  
Attenuation of Ear Muffs*

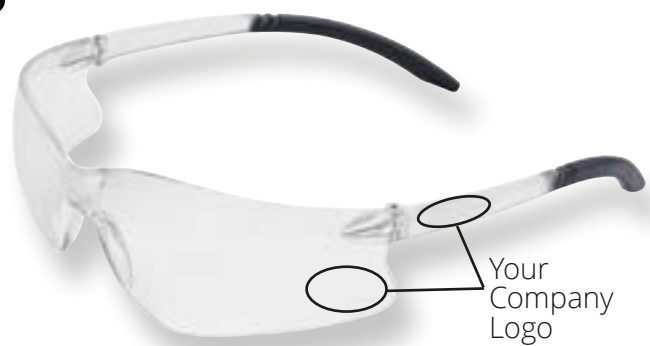
**2112** **NFPA 2112**  
*Standard on Flame-Resistant  
Clothing for Protection of  
Industrial Personnel Against  
Short-Duration Thermal  
Exposures from Fire*

**All of Encon's safety spectacles are High Impact polycarbonate lenses and are 99.9% UVA & UVB protection to 385Nm.**

## Custom Imprinting

- Have your logo or company name imprinted on safety eyewear
- Great for staff incentives and corporate promotions
- Single color imprints available

For best results, choose from eyewear models with custom imprinting availability noted in the description.



**Call us for pricing and other details!**  
**1-800-283-6266**



***Veratti***<sup>®</sup>  
***Earmuffs & Foam Earplugs***

## Veratti® Folding Earmuff

- Quick and easy to fold and stow
- Sturdy and durable construction
- Generous space inside cup provides comfort with ear "breathability"



Product #	Headband/Cups	NRR
31EAR5001	black/black	23

ANSI  
S3.19

**NOISE REDUCTION RATING** **23** DECIBELS  
(WHEN USED AS DIRECTED)

THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

**Encon** Houston, TX 77041 **31EAR5001**

Federal law prohibits removal of this label prior to purchase.

**EPA** LABEL REQUIRED BY US EPA REGULATION 40 CFR part 211 (Subpart B)

## Veratti® Deluxe Earmuff

- High performance technology utilizes two layers of thick acoustic foam surrounding an additional interior sound block cup layer.
- Tough ABS exterior cup shell.
- Self-adjusting, dual-material headband combines a soft, ventilated layer closest to the head with a structured and secure outer band.
- Soft premium foam seals the generous cup space for deluxe ear comfort.



Product #	Headband/Cups	NRR
31EARFM3	black/yellow	28

ANSI  
S3.19

**NOISE REDUCTION RATING** **28** DECIBELS  
(WHEN USED AS DIRECTED)

THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

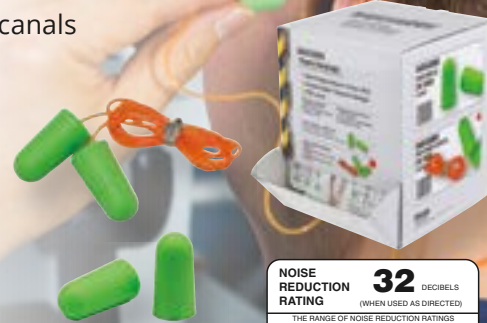
**Encon** Houston, TX 77041 **31EARFM3**

Federal law prohibits removal of this label prior to purchase.

**EPA** LABEL REQUIRED BY US EPA REGULATION 40 CFR part 211 (Subpart B)

## Veratti® Foam Earplugs

- Soft polyurethane foam is designed to fit most ear canals with premium comfort and noise protection
- PU formulation and production technique optimize rebound time
- Classic bullet design fits most ears
- Available with neon orange PVC cord or uncorded.
- Sold in dispenser boxes



Product #	Headband/Cups	Per Box	NRR
32EARPU	Foam	200	32
32EARPUC	Foam Corded	100	32

ANSI  
S3.19

**NOISE REDUCTION RATING** **32** DECIBELS  
(WHEN USED AS DIRECTED)

THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

**Encon** Houston, TX 77041 **32EARPU & 32EARPUC**

Federal law prohibits removal of this label prior to purchase.

**EPA** LABEL REQUIRED BY US EPA REGULATION 40 CFR part 211 (Subpart B)

# NASCAR™

## Comfort Earmuffs

### NASCAR® Comfort Earmuff

- Bold, racy-red ABS durable cups
- Folding headband collapses for quick stow
- Thick, ribbed padding adds comfort and ventilation
- Double-shell noise reduction technology



Product #	Headband/Cups	NRR
31EAR5002N	black/red	26

**NOISE REDUCTION RATING** **26** DECIBELS  
(WHEN USED AS DIRECTED)

THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

**Encon** Houston, TX 77041 31EAR5002N  
Federal law prohibits removal of this label prior to purchase

**EPA** LABELS REQUIRED BY U.S. EPA REGULATION 40 CFR part 211 (Subpart B)

**ANSI**  
S3.19





# Brio™

**Bold and Dynamic**

- Designer-look
- First class optical quality
- Dual-material temples for strength plus all day wearability
- Ventilated and textured TPR on temples for no-slip comfort grip
- Full wrap-around protection with 9 base curve lens
- Officially licensed by NASCAR®



Product #	Frame	Lens	Coating
12BRI1014	black	clear	ScratchCoat®
12BRI1114	black	gray	ScratchCoat®
12BRI1094	clear / pink	clear	ScratchCoat®
12BRI1194	black / pink	gray	ScratchCoat®
12BRI4014	clear / green	clear	AFR®
12BRI4114	black / green	gray	AFR®



# NASCAR GT™

**Performance and Style**

- Frameless, flexible, translucent wrap
- Lightweight and flexible for all day comfort
- Rubberized temple tips for comfort and grip
- Wrap-around protection
- 9.75 base curve lens
- Officially licensed by NASCAR®



Product #	Frame	Lens	Coating
05328004	clear	clear	ScratchCoat®
05329004	clear	clear	ENFOG®
05328224	gray	gray	ScratchCoat®
05329224	gray	gray	ENFOG®
05328774	clear	I/O	ScratchCoat®
05328334	amber	amber	ScratchCoat®
05328424	gray	silver mirror	ScratchCoat®
05328524	gray	blue mirror	ScratchCoat®
05328994	vermillion	vermillion	ScratchCoat®



# **AFR<sup>®</sup> = A**dvanced** F**og** R**esistance****

**NASCAR<sup>®</sup>  
Brio<sup>™</sup>**



**Veratti<sup>®</sup>  
M50<sup>™</sup>**



Protect workers against the #1 reason they remove eyewear...lens fogging.

Our high performance premium AFR<sup>®</sup> coating fights fog, even in the harshest conditions, for long-lasting clear vision.

Extra thick durable coating withstands repeated cleaning.

**Veratti®  
Titanium V8™**



**Veratti®  
Primo™**



**Veratti®  
Scudo™**



**Veratti®  
Salvo™**



**Veratti®  
429™**



**Veratti®  
Tango™**



**Encon®  
750AFR™**



**Encon®  
160**



**Encon®  
500**



# Sealed Eyewear with FR Foam Provides Extra Protection Against Flying Debris in the Harshest of Environments

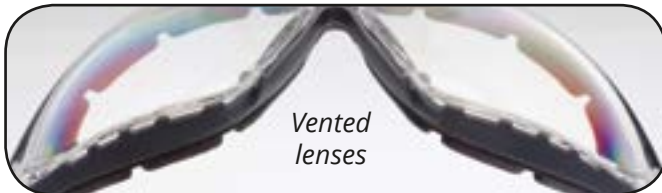


**AFR**  
**Veratti**<sup>®</sup>  
**Primo**<sup>™</sup>



## AFR<sup>®</sup> Lens Coating and FR Foam Seal

- Protection against airborne dust and particles
- First class optical quality
- Fire-resistant elastic headband secures spectacle firmly and comfortably
- Ventilated, fire-resistant PEVA foam insulation
- AFR<sup>®</sup> premium lens coating fights fog
- 9.5 base curve lens
- Custom imprinting available



Product #	Frame	Lens	Coating
1PRI4014	■ gray / ● green	□ clear	AFR <sup>®</sup>
1PRI4114	■ gray / ● green	■ gray	AFR <sup>®</sup>



◀ AFR ▶

# Veratti® Scudo™



*Removable foam gasket*

## Removable Foam Gasket

- Protection against airborne dust and particles
- Extremely light-weight
- Ratcheting rubberized temples
- Adjustable rubberized nose piece
- 5mm of fire-resistant PEVA foam insulation
- AFR® premium coating fights fog
- 7 base curve lens



*Ratcheting temple arms*

Product #	Frame	Lens	Coating
11SCU4014	■ gray / ● green	■ clear	AFR®
11SCU4114	■ gray / ● green	■ gray	AFR®



◀ AFR ▶

# Veratti®

## Salvo™

### A Barrage of Benefits

- Ultra lightweight modern frame feels weightless, even on the longest days
- Adjustable, soft, ventilated, textured nose pads provide maximum comfort and fit
- Rubberized temples buffer against pain behind the ears and provide a no-slip grip
- Ratcheting temples support a customized fit
- 9 base curve lens for wrap-around protection
- ScratchCoat® coating available
- Custom imprinting available



Product #	Frame	Lens	Coating
11SAL1004	clear / gray	clear	ScratchCoat®
11SAL1014	gray	gray	ScratchCoat®
11SAL4004	clear / green	clear	AFR®
11SAL4014	gray / green	gray	AFR®



◀ AFR ▶

# Veratti®

## Tango™

### Right on Target

- Ultra lightweight frame has a classic style and weightless feel
- Rubberized TPR temples are super soft yet sturdy and provide a no-slip grip
- Ratcheting temples support the ultimate fit flexibility
- 10 base curve lens for wrap-around protection
- ScratchCoat®, ENFOG® and AFR® coatings available
- Custom imprinting available



Product #	Frame	Lens	Coating
11TAN1004	clear / orange	clear	ScratchCoat®
11TAN1014	gray / gray	gray	ScratchCoat®
11TAN2224	I/O / orange	I/O	ENFOG®
11TAN4004	clear / green	clear	AFR®
11TAN4014	gray / green	gray	AFR®





# Veratti 2000™

*Extreme Safety, Style, and Value*

- Advanced optical quality
- Lightweight comfort
- 9.5 base curve lens provides full wrap-around protection
- Custom imprinting available



Product #	Frame	Lens	Coating
05778004	clear	clear	ScratchCoat®
05779004	clear	clear	ENFOG®
05776004 mini	clear	clear	ENFOG®
05778224	gray	gray	ScratchCoat®
05779224	gray	gray	ENFOG®
05776224 mini	gray	gray	ENFOG®
05778774	clear	I/O	ScratchCoat®
05778334	amber	amber	ScratchCoat®
05778424	gray	silver mirror	ScratchCoat®
05778524	gray	blue mirror	ScratchCoat®
05779664	Retina-SPEC™	Retina-SPEC™	ENFOG®



# Veratti 2000™ Readers

*Our Best Selling Spectacle Plus Bifocal Lenses*

- First class optics in a range of optical power levels to keep all workers safe and confident
- Bifocals available in five diopters: +1.0, +1.5, +2.0, +2.5, +3.0
- 9.5 base curve lens for wrap-around protection
- Custom imprinting available



*Bifocal readers*

Product #	Frame	Lens	Diopter	Coating
05777001	clear	clear	+1.0	ENFOG®
05777002	clear	clear	+1.5	ENFOG®
05777003	clear	clear	+2.0	ENFOG®
05777004	clear	clear	+2.5	ENFOG®
05777005	clear	clear	+3.0	ENFOG®
05777011	gray	gray	+1.0	ENFOG®
05777012	gray	gray	+1.5	ENFOG®
05777013	gray	gray	+2.0	ENFOG®
05777014	gray	gray	+2.5	ENFOG®
05777015	gray	gray	+3.0	ENFOG®
05777021	clear	I/O	+1.0	ScratchCoat®
05777022	clear	I/O	+1.5	ScratchCoat®
05777023	clear	I/O	+2.0	ScratchCoat®
05777024	clear	I/O	+2.5	ScratchCoat®
05777025	clear	I/O	+3.0	ScratchCoat®





# Veratti® GT™

## Performance and Style

- Frameless, flexible, translucent wrap
- Ultra lightweight for extended wear
- Rubberized temple tips for comfort and grip
- 9.75 base curve lens for wrap-around protection
- Custom imprinting available



Rubberized temple tips

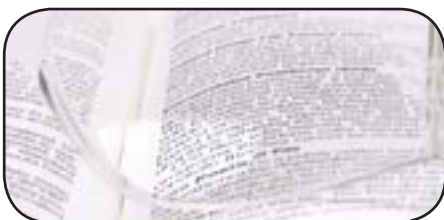
Product #	Frame	Lens	Coating
04328004	clear	clear	ScratchCoat®
04329004	clear	clear	ENFOG®
04328224	gray	gray	ScratchCoat®
04329224	gray	gray	ENFOG®
04328774	clear	I/O	ScratchCoat®
04328334	amber	amber	ScratchCoat®



# Veratti® GT™ Readers

## Performance and Style Plus Bifocal Lenses

- First class optics in a range of optical power levels to keep all workers safe and confident
- Bifocals available in five diopters: +1.0, +1.5, +2.0, +2.5, +3.0
- 9.75 base curve lens for wrap-around protection
- Custom imprinting available



Bifocal readers

Product #	Frame	Lens	Diopter	Coating
04327001	clear	clear	+1.0	ScratchCoat®
04327002	clear	clear	+1.5	ScratchCoat®
04327003	clear	clear	+2.0	ScratchCoat®
04327004	clear	clear	+2.5	ScratchCoat®
04327005	clear	clear	+3.0	ScratchCoat®
04327011	gray	gray	+1.0	ScratchCoat®
04327012	gray	gray	+1.5	ScratchCoat®
04327013	gray	gray	+2.0	ScratchCoat®
04327014	gray	gray	+2.5	ScratchCoat®
04327015	gray	gray	+3.0	ScratchCoat®
04327021	I/O	I/O	+1.0	ScratchCoat®
04327022	I/O	I/O	+1.5	ScratchCoat®
04327023	I/O	I/O	+2.0	ScratchCoat®
04327024	I/O	I/O	+2.5	ScratchCoat®
04327025	I/O	I/O	+3.0	ScratchCoat®



AFR

# Veratti 429™

## All Day Comfort

- Ultra lightweight frame for extended wear
- Universal gel nose bridge for total comfort
- Colorful rubberized temples are comfortable with a no-slip grip
- Ratcheting temples
- 9.5 base curve lens for wrap-around protection
- 99.9% UVA & UVB protection to 400Nm on indoor-outdoor lenses
- Custom imprinting available



Product #	Frame	Lens	Coating
08204804	black / blue	clear	ScratchCoat®
08204904	black / dark green	clear	ENFOG®
08204824	black / red	gray	ScratchCoat®
08204924	black / gray	gray	ENFOG®
08204874	black / orange	I/O	ScratchCoat®
08204834	black / yellow	amber	ScratchCoat®
14294014	gray / light green	clear	AFR®
14294114	gray / light green	gray	AFR®



# Veratti 307™

## Cool Vented Frame

- Ultra modern, lightweight frame
- One piece semi-attached lens provides air flow for added fog- resisting ventilation
- Soft adjustable nose pad for a universal fit
- Dual material textured temples for comfort, strength, and no-slip grip
- 9.5 base curve lens wrap-around protection
- Custom imprinting available



Product #	Frame	Lens	Coating
09206804	translucent blue	clear	ScratchCoat®
09206824	translucent blue	gray	ScratchCoat®
09206874	translucent blue	I/O	ScratchCoat®



# Veratti 283™

## Maximum Style

- Maximum field vision and peripheral protection
- Modern and full of style
- Super lightweight comfort
- Adjustable padded nose pad
- 9.5 base curve lens wrap-around protection



Product #	Frame	Lens	Coating
12831014	black	clear	ScratchCoat®
12831114	black	smoke	ScratchCoat®
12831314	black	amber	ScratchCoat®
12831414	black	silver mirror	ScratchCoat®
12831894	tortoise	brown	ScratchCoat®



# Veratti LS7™

## In the Pink

- Ultra lightweight design
- Soft ventilated nose pad for secure fit
- 9.5 base curve lenses
- Wrap-around protection
- 99.9% UVA & UVB protection to 400nm on indoor-outdoor lenses
- Custom imprinting available



Product #	Frame	Lens	Coating
09205804	pink	clear	ScratchCoat®
09205824	pink	gray	ScratchCoat®
09205874	pink	I/O	ScratchCoat®



AFR

# Veratti V8™

## Powerful Performance

- Stylish curved lens provides maximum field of vision and peripheral protection
- Co-injected temples and feathered nose pad provide a comfortable fit
- Flexible and ventilated nose pad
- 8 base curve lens
- Sits well on wide faces
- Custom imprinting available



Product #	Frame	Lens	Coating
10V81294	black / gray	I/O	ScratchCoat®
10V81454	blue / gray	silver mirror	ScratchCoat®
10V84044	silver	clear	AFR®
10V84144	silver	gray	AFR®



# Veratti 528™

## Simply Adjustable

- Stylish curved lens provides maximum field vision and peripheral protection
- Adjustable nose pad
- Padded temple tips for comfortable fit
- Wrap-around protection
- 8 base curve lens



Adjustable soft and flexible nose pad

Product #	Frame	Lens	Coating
15281024	crystal gray	clear	ScratchCoat®
15281084	crystal orange	clear	ScratchCoat®
15281094	crystal lt gray	clear	ScratchCoat®
15281114	black	smoke	ScratchCoat®
15281414	pearl gray	silver mirror	ScratchCoat®
15281574	crystal blue	blue mirror	ScratchCoat®
15281994	crystal red	red mirror	ScratchCoat®



# Veratti® Breeze®

## Maximum Flexibility

- Ultra lightweight and flexible nylon frame
- Four-point extendable temples for a custom fit
- Soft, adjustable nose pad
- Defined side shields for extra protection
- 6 base curve lens
- Custom imprinting available



Four-point extendable temples for a custom fit

Product #	Frame	Lens	Coating
05238014	black	clear	ScratchCoat®
05239014	black	clear	ENFOG®
05238034	platinum	clear	ScratchCoat®
05238214	black	gray	ScratchCoat®
05239214	black	gray	ENFOG®
05238714	black	I/O	ScratchCoat®



# Veratti® 267™

## Full of Features

- Wrap-around lenses with superior peripheral vision
- Built in brow guard with vents to allow maximum air flow
- Co-injected temple tips for a soft and comfortable fit
- Flexible and ventilated nose pad
- Ratchet angle and length adjustment temples provide customized fit
- Telescoping temples
- 8 base curve lens
- Custom imprinting available



Feathered ventilated nose pad

Product #	Frame	Lens	Coating
12672014	gray	clear	ENFOG®
12672114	gray	gray	ENFOG®
12672214	gray	I/O	ENFOG®



# Veratti® Mini OTG™

## Excellent Coverage and Comfort

- Designed to fit over low profile prescription spectacles
- Brow guard, side and underside shields provide maximum protection
- Lightweight durable frame
- Ratcheting temples
- 2 base curve lens



Product #	Frame	Lens	Coating
12141004	clear	clear	ScratchCoat®
12142004	clear	clear	ENFOG®
12141104	gray	gray	ScratchCoat®
12142104	gray	gray	ENFOG®



# Veratti® OTG™

## Over the Glass

- Comfortably fits over prescription spectacles
- Side shield and brow guard for maximum protection
- Rubberized temples and nose pad provide secure fit
- Lightweight durable frame
- 6 base curve lens
- Custom imprinting available



Rubberized temples

Product #	Frame	Lens	Coating
05178004	clear	clear	ScratchCoat®
05179004	clear	clear	ENFOG®
05178224	gray	gray	ScratchCoat®
05179224	gray	gray	ENFOG®



# Veratti® Tuff Spec®

## Classic Visitor's Spec Design

- Comfortably fits over prescription spectacles
- Side shield and brow guard for maximum protection
- Available with dispenser
- 4 base curve lens
- Custom imprinting available



Dispenser boxes available

Product #	Frame	Lens	Coating	Dispenser
<b>1400 Series</b>				
05148002	clear	clear	uncoated	-
05148001	clear	clear	uncoated	Encon® box
05148003	clear	clear	uncoated	white box
05148202	gray	gray	uncoated	-
05148302	amber	amber	uncoated	-
05148102	green	green	uncoated	-
<b>1900 Series</b>				
05198002	clear	clear	ScratchCoat®	-
05199004	clear	clear	ENFOG®	-
05198034	blue	clear	ScratchCoat®	-
05198202	gray	gray	ScratchCoat®	-
05199402	Retina-SPEC™	Retina-SPEC™	ENFOG®	-



# Veratti® 1000™

## Adjustable Fit

- Wrap-around protection
- 3-point adjustable temples
- One piece lightweight frame
- Mirrored lens options available for outdoor applications
- 10 base curve lens
- Custom imprinting available



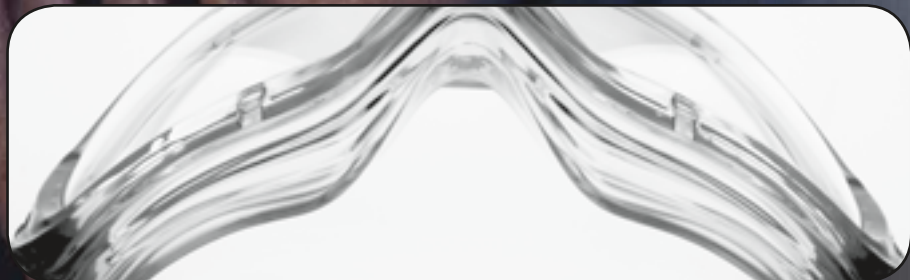
3 point adjustment

Product #	Frame	Lens	Coating
05258014	black	clear	ScratchCoat®
05259014	black	clear	ENFOG®
05258034	silver	clear	ScratchCoat®
05258214	black	gray	ScratchCoat®
05258414	black	silver mirror	ScratchCoat®
05258412	black	light silver	ScratchCoat®
05258512	black	light blue	ScratchCoat®



◀ AFR ▶



# Encon® 750AFR™



*3-layer comfort-cushion provides comfort and fit flexibility.*

## ***Advanced Fog Resistance***

- Moisture won't bead up on this high-performance premium hydrophilic coating
- Oversized wide-view design fits over most prescription glasses
- Positive-seal chemical splash protection
- Indirect side ventilation
- Flame-resistant wide elastic headband
- 3-layer comfort-cushion at the base of the frame flexibly fits differing cheek and nose structures
- 6 base curve lens

Product #	Frame	Lens	Coating	Strap
27504014N	 gray	 clear	AFR®	blk neoprene





◀ AFR ▶

# Veratti®

## M50™



Rotating strap connection.



Well-ventilated positive seal.

### Compact and Ultra Lightweight

- Wrap-around style provides excellent panoramic vision and maximum protection
- Rotating straps pivot for a face-hugging security seal
- Total comfort all day long
- 7 base curve lens

Product #	Frame	Lens	Coating	Vent	Strap
09602001	■ gray	□ clear	ENFOG®	indirect	neoprene
09602004	■ gray	□ clear	ENFOG®	indirect	elastic
09602005	■ gray	□ clear	ENFOG®	no vent	neoprene
09602002	■ gray	■ gray	ENFOG®	indirect	neoprene
09602003	■ gray	■ I/O	ENFOG®	indirect	neoprene
2M504014	■ gray	□ clear	AFR®	indirect	neoprene
2M504114	■ gray	■ gray	AFR®	indirect	neoprene
09602000	prescription insert				



◀ AFR ▶

# Encon® 160™



Long indirect upper airflow channel



Lower indirect multi-channel airflow

## Superior Chemical Splash Protection

- Positive-seal chemical splash protection
- QuickDraw® headband strap retainer, on some models, for easy fit adjustments that are fast, efficient, and secure
- Exceptional optic quality with 160 degree field of vision
- 3 base curve lens

Product #	Model	Frame	Lens	Coating	QD2®	Strap
05067004	2-70	<input type="checkbox"/> clear	<input type="checkbox"/> clear	Uncoated	yes	blk neoprene
05067204	2-62	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	Uncoated	no	blk neoprene
05068004	2-66	<input type="checkbox"/> clear	<input type="checkbox"/> clear	ENFOG®	yes	blk neoprene
05068009	2-67	<input type="checkbox"/> clear	<input type="checkbox"/> clear	ENFOG®	no	blk elastic
05068204	2-59	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	ENFOG®	no	blk neoprene
05068209	2-60	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	ENFOG®	no	blk elastic
05068202	2-58	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	ENFOG®	no	wht neoprene
05068104	2-51	<input checked="" type="checkbox"/> green	<input type="checkbox"/> clear	ENFOG®	no	blk neoprene
05068224	5-59	<input checked="" type="checkbox"/> gray	<input checked="" type="checkbox"/> gray	ENFOG®	no	blk neoprene
21604012A		<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	AFR™	no	blk neoprene
05066000		repl lens	<input type="checkbox"/> clear	ENFOG®	-	-

ANSI  
certification

CSA  
certification

D3

AFR

# Encon<sup>®</sup> 500<sup>™</sup>



*Side ventilation channel and QuickDraw headband strap retainer.*

### Side-Vented Chemical Splash Protection

- Positive-seal chemical splash protection
- Indirect side ventilation channels allow air flow, but prevent liquids from penetrating
- QuickDraw<sup>®</sup> headband strap retainer for easy fit adjustments that are fast, efficient, and secure
- Exceptional, distortion-free optic quality
- 4 base curve lens

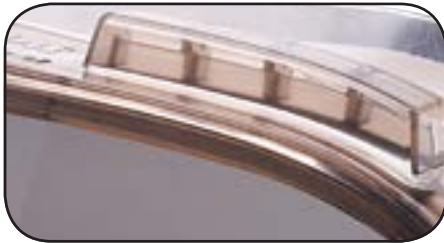
Product #	Model	Frame	Lens	Coating	QD2 <sup>®</sup>	Strap
05057202	501Q	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	uncoated	yes	blk neoprene
05057204	501R	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	uncoated	no	blk neoprene
05058104	507R	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	ENFOG <sup>®</sup>	no	blk neoprene
05058201	503Q	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	ENFOG <sup>®</sup>	yes	blk neoprene
05058202	503RC	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	ENFOG <sup>®</sup>	no	blk neoprene
05058204	503R	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	ENFOG <sup>®</sup>	no	blk neoprene
05058209	503E	<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	ENFOG <sup>®</sup>	no	blk elastic
25054012		<input checked="" type="checkbox"/> gray	<input type="checkbox"/> clear	AFR <sup>™</sup>	no	blk neoprene
05056000		repl lens	<input type="checkbox"/> clear	ENFOG <sup>®</sup>	-	-



# ENCOIL® Encompass® 600™

## Classic Reliability

- Unique body design
- Spherical lens with exceptional optics
- Fits comfortably over any size prescription glasses
- Maximum chemical splash protection
- Patented indirect circuitous ventilation
- Fits over large prescription glasses
- 4 base curve lens



Large capacity indirect air channels

Product #	Frame	Lens	Coating	Vent	Strap
06068004	clear	clear	ENFOG®	indirect	blk neoprene
06068204	gray	clear	ENFOG®	indirect	blk neoprene



# ENCOIL® Z100™

## Trustworthy Value

- Traditional shape body
- Straight lens and soft nose pad
- Comfortable fit
- Excellent chemical splash and impact protection
- Built in QD3™ easy adjustment system
- Replacement lenses available
- 0 base curve lens



Easy installation of QD3™ adjustment

Product #	Frame	Lens	Coating	Vent	Strap
06087104	green	clear	uncoated	indirect	grn neoprene
06088104	green	clear	ENFOG®	indirect	grn neoprene
06075000	repl lens	clear	uncoated	-	-
06076000	repl lens	clear	ENFOG®	-	-



# ENCON® XPR36®

## Dual Material Ergonomics

- Low profile, ergonomic design for extreme comfort and protection
- Positive seal against the face protects from liquid, chemical splash and dust
- 360 degrees of air circulation with indirect circuitous ventilation system
- Built in QD2® for quick strap adjustment
- 5 base curve lens



Indirect side ventilation

Product #	Frame	Lens	Coating	Strap
08139054	blue	clear	ENCOTE®	blk neoprene



# ENCON® Goggle Ring Retainers

## For Hard Hat Attachment

- Quick and easy to install
- Secures goggles to face when being worn
- Stores goggles on cap when not in use
- Completely dielectric



Does not include goggle or hardhat.

Product #	Description	Color	Packaging
05067000	Standard hardhat goggle retainer	Black	50 per case
05067030	Full brim hardhat goggle retainer	Black	50 per case

# Veratti® Alcohol-Free Lens Cleaning Tissues

*New Formula  
By Popular Demand*

- Alcohol free
- Silicone free
- Non-toxic, natural formula
- Anti-static
- Dispenser box contains 100 pre-moistened individually wrapped towelettes that won't dry out



Product #	Description
1160LCW2FREE	100 pre-moistened individually wrapped towelettes in a dispenser box

# Veratti® Fog Fixer®

## Disposable Pre-Moistened Anti-Fog Tissues

- Cleans lenses while providing long-lasting anti-fog protection
- Safe and effective for use on uncoated lenses including polycarbonate, mirror coating, acrylic and glass
- Anti-bacterial for up to 24 hours against staph and E.coli (99.9%)
- Dispenser box contains 100 pre-moistened individually wrapped towelettes



Product #	Description
1160AFW2	100 pre-moistened individually wrapped towelettes in a dispenser box

# Veratti® Lens Cleaning Towelettes

## Pre-Moistened and Individually Wrapped

- Cleans lenses and electronic surfaces
- Ideal for glasses, goggles, monitors and tablets
- Anti-bacterial for up to 24 hours against staph and E. coli (99.9%)
- Dispenser box contains 100 pre-moistened individually wrapped towelettes



Product #	Description
1160LCW2	100 pre-moistened individually wrapped towelettes in a dispenser box



*Veratti® FR AR Arc Flash Suits*



*Veratti® FR AR Fleece Hoodie*



*Veratti® FR AR Coverall*



*Veratti® FR AR Shirts*

See videos for Veratti® FR AR protective clothing online at the Encon website and on Youtube!



# Arc Flash & Flash Fire

## Introducing Veratti™ FR AR Dual Hazard Protective Workwear

First and foremost, our new Flame Resistant Arc Rated clothing is made with high performance in mind. With utmost respect for the courageous workers that routinely confront flash fire and electrical hazards, their safety is our mission.

Sturdy garments made with top grade materials and durable construction are then enhanced with added features designed to improve fit and comfort.

### Arc Rating 40

Flame Resistant, 9 oz. Twill, 88% Cotton/12% Nylon

#### Short Coat

Thigh length. Bi-swing back construction. Two-piece storm flap at zipper top closure. Safe utility pocket.

#### Long Coat

Calf length. Bi-swing back construction. Two-piece storm flap at zipper top closure. Safe utility pocket.

#### Bib Overall

Hook and loop front and leg openings. Safe utility pockets.

#### Switchgear Hood Assembly

Hood, face shield, and hard hat.

#### Bag

Large front pocket.

#### Short Coat Kit

Short Coat, Bib Overall, Switchgear Hood Assembly, Kit Bag, AFR® Spectacles.

#### Long Coat Kit

Long Coat, Bib Overall, Switchgear Hood Assembly, Kit Bag, AFR® Spectacles.







# 40 Cal



Switchgear Hood

Short Coat

Long Coat

Bib Overall

Kit Bag



Product #	Type	Color
53140C01	40C Short Coat 88/12	Navy
53140C02	40C Long Coat 88/12	Navy
52240C04	40C Bib Overall 88/12	Navy
51240C00	40C Switchgear Hood Assembly	Navy
AFK24VER __	Short Coat, Bib Overall, Switchgear Hood, Kit Bag, AFR® spectacles	Navy
AFK38VER __	Long Coat, Bib Overall, Switchgear Hood, Kit Bag, AFR® spectacles	Navy

Underscores ( \_ ) are reserved for garment sizing:  
SM, MD, LG, XL, 2X & 3X



# 12 Cal

Short Coat

Switchgear Hood



Bib Overall

### Arc Rating 12

Flame Resistant, 9 oz. Twill, 88% Cotton/12% Nylon

#### Short Coat

Thigh length. Bi-swing back construction. Two-piece storm flap at zipper top closure. Safe utility pocket.

#### Bib Overall

Hook and loop front and leg openings. Safe utility pockets.

#### Switchgear Hood Assembly

Hood, face shield, and hard hat.

#### Bag

Large front pocket.

#### Short Coat Kit

Short Coat, Bib Overall, Switchgear Hood Assembly, Kit Bag, AFR® Spectacles.



Product #	Type	Color
53112C01 _ _	12C Short Coat 88/12	Khaki
52212C04 _ _	12C Bib Overall 88/12	Khaki
51212C00	12C Switchgear Hood Assembly	Khaki
KitBag01	Kit Bag	Navy
AFK30VER _ _	Short Coat, Bib Overall, Switchgear Hood, Kit Bag, AFR® spectacles	Khaki

Underscores ( \_ ) are reserved for garment sizing:  
SM, MD, LG, XL, 2X & 3X

Kit Bag





# Dual Hazard Protective Workwear



## Work Shirt

Classic Fit Plus Enhanced Maneuverability



Our Veratti™ FR AR Work Shirt is a modern version of the classic fit with added knit panels insets that allow for a comfortable, wide range of motion. Two large chest pockets have button-closure flaps, plus a pencil tunnel for quick access. Constructed with double needle stitching, count on strength and long lasting durability.

PRODUCT #	FABRIC	CAT	CAL/cm <sup>2</sup>	COLOR
561WW01NSHIRT _ _	6.5 oz. 70% cotton/18% tencel /12% nylon	2	8.9	Navy
561WW01KSHIRT _ _	6.5 oz. 70% cotton/18% tencel /12% nylon	2	8.9	Khaki

Underscores ( \_ ) are reserved for garment sizing:  
SM, MD, LG, XL, 2X & 3X



## Fleece Hoodie

Zip-Off Removable Hood



The Veratti™ FR AR zipper fleece hoodie with zip-off removable hood, provides superb warmth, comfort and CAT 3 protection. Using FR Nomex zippers, the front entry has an added hook-and-loop closed storm flap for increased protection and warmth. We provide extra storage or a place to keep your hands warm, with two hand patch pockets, plus hidden cell phone pocket with inside wire management.

PRODUCT #	FABRIC	CAT	CAL/cm <sup>2</sup>	COLOR
591WW01NFleece _ _	14.25 oz. 55% modacrylic/ /45% cotton/2% spandex	3	28.0	Navy

Underscores ( \_ ) are reserved for garment sizing:  
SM, MD, LG, XL, 2X & 3X



# Dual Hazard Protective Workwear



## Henley

Moisture-Wicking Performance Cotton



Our Veratti™ FR AR Henley is certified for dual hazard protection by utilizing a performance fabric that is soft, comfortable, and wicks moisture. This is a generous traditional fit with a 3 button closure on the chest placket. This flame resistant Henley has a large pocket on the chest with a button closure. We have added rib cuffs for a better fit and performance.

PRODUCT #	FABRIC	CAT	CAL/cm <sup>2</sup>	COLOR
563WW01NHEN _	7.0 oz. FR cotton	2	9.6	Navy

*Underscores ( \_ ) are reserved for garment sizing:  
SM, MD, LG, XL, 2X & 3X*



## Crew

Moisture-Wicking Performance Cotton



The Veratti™ FR AR Crew provides a truly fantastic upgraded fit, with flat lock seams and raglan sleeves for better mobility. This flame resistant crew is equally balanced with superior comfort and fit, wicks moisture, and provides certified dual hazard protection. This flame resistant crew has a large pocket on the chest with a button closure. We have added rib cuffs for a better fit and performance.

PRODUCT #	FABRIC	CAT	CAL/cm <sup>2</sup>	COLOR
563WW01NCREW _	7.0 oz. FR cotton	2	9.6	Navy

*Underscores ( \_ ) are reserved for garment sizing:  
SM, MD, LG, XL, 2X & 3X*



# Dual Hazard Protective Workwear



## Coverall Superior Fit Plus Features



The Veratti™ FR AR Deluxe coverall is the most complete in the market. This flame resistant, dual hazard, protective coverall is loaded with features: Bi-swing back, two patch chest pockets with flaps and snap closure, two internal hand pockets, hidden pass-throughs, adjustable cuffs, and more. We provide a full fitting garment with an elastic back for comfort, performance, and fit that moves with you, unrestrained. The coverall is constructed with double needle stitching for strength and long lasting durability.

PRODUCT #	FABRIC	CAT	CAL/cm2	COLOR
522WW01N	Cover _ _ 7.0 oz. 88% cotton/12% nylon	2	8.9	Navy

Underscores ( \_ ) are reserved for garment sizing:  
SM, MD, LG, XL, 2X, 3X & 4X

## NFPA STANDARDS DEFINED

The National Fire Protection Agency Association (NFPA) is an international non-profit organization focused on preventing death and injury from fire and burns.

### NFPA 70E:

NFPA 70E standard addresses electrical hazards in the workplace and was developed to protect electrical workers who work on or near equipment that is capable of generating an arc flash. Employers are required to complete their own testing to assess each workers arc hazard rating. The level of arc exposure is referred to as the arc thermal performance value (ATPV) or cal rating. These ratings are used in the chart below to help determine the best personal protective equipment each workers should use. Each garment should be clearly marked for which Arc Flash PPE Category it complies with.

### NFPA 2112:

NFPA 2112 Standard on Flame-Resistant Garments for Protection of Industrial Personal Against Flash Fire provides minimum requirements for the design, construction, evaluation and certification of flame resistant garments. The standard was developed to protect industrial workers, primarily in the oil and petrochemical industries. Flash fires are unplanned exposures that typically last three seconds or less and spread rapidly through dust, gas or vapors of an ignitable liquid. The standard does not cover fire entry or structural fire fighting activities and provides no personal protection from chemical exposures.

## Protective Clothing Chart

ARC FLASH CATEGORY	REQUIRED MINIMUM ARC RATING (CAL/CM <sup>2</sup> )
1	4
2	8
3	25
4	40

This chart, based on specific job tasks, ranges from ARC1 (low risk) to ARC4 (high risk) and requires FR clothing with a minimum arc rating of 4. The ARC category is used to determine necessary arc rating of a garment worn during a given job task. Each of our garments are labeled with the appropriate ARC rating they meet.



# Heat Stress Vest & Air Distribution Systems

## Excessive heat

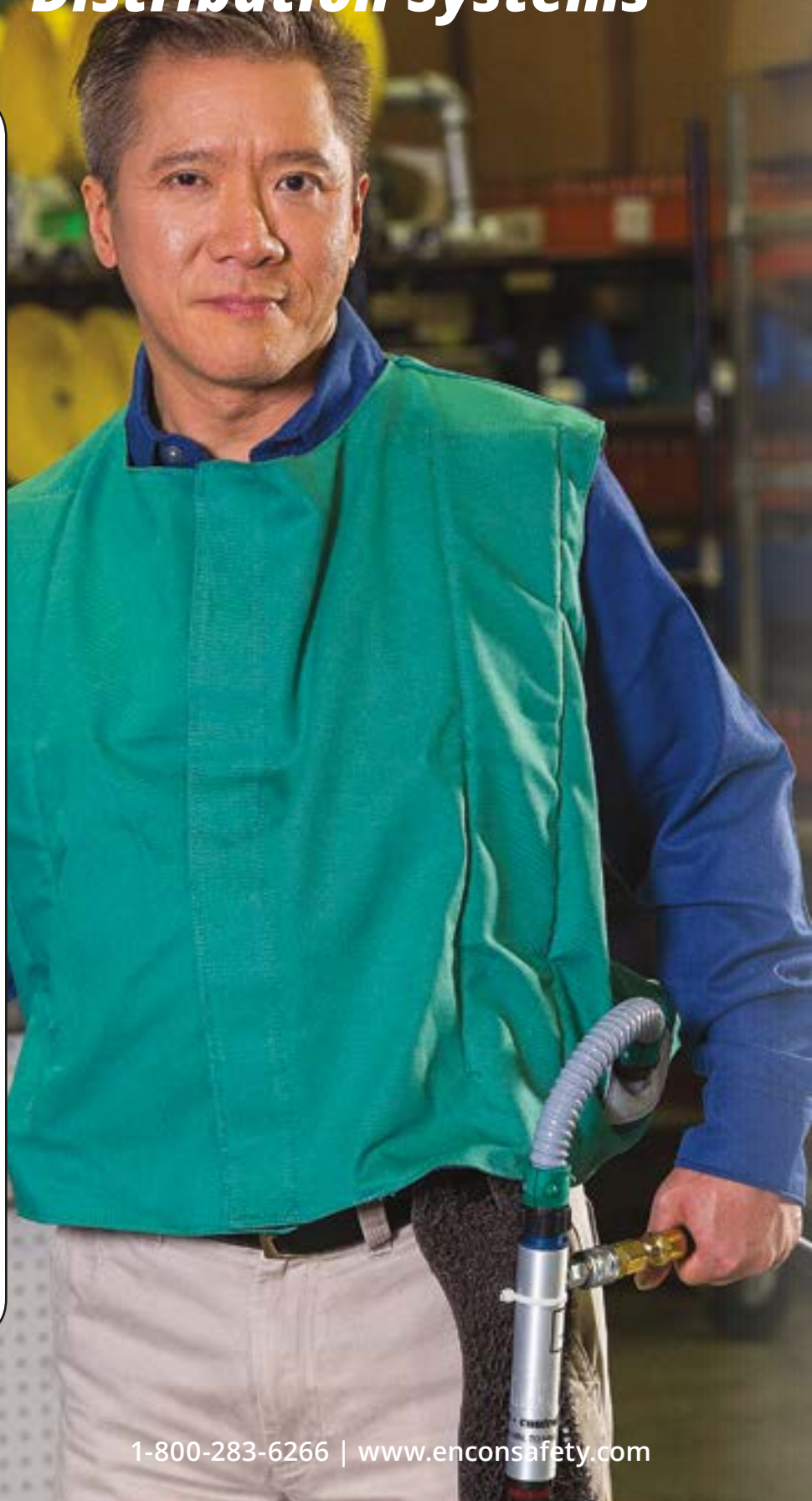
A major contributor to physically dangerous worker fatigue resulting in possible health risk and probable production loss. With Encon's Heat Stress Vests and Air Distribution Systems, a microenvironment is created for the worker, providing cooling air up to 40° F less than incoming air temperature, and much cooler than ambient temperatures.

- 40° F drop from incoming air temperature
- Easily donned for quick set up and use
- Lightweight system—vest, belt and vortex combined weigh under 3 lbs
- Two systems available for torso and torso/face cooling
- Can be used with portable or stationary compressors generating 60 psi and 15 CFM (torso), 50 CFM (torso and collar)
- 12.5 oz green flame resistant cotton outer vest

### Note:

Vest shown can be worn under outer garment for better cooling efficiency. Air conditioning tube and/or exhaust port must be over outer garment. The wearing of an undergarment may be desired.

*Shown:  
Torso vest without collar 01635001 PAC waist belt & hose.*



# ENCON® Torso & Torso Collar Cooling Systems

## Torso Cooling System

- Air distribution vest with sewn in air channels
- Personal air conditioner providing 6-17 CFM output
- Waist belt and 25' hose
- Multiple vest sizes available

Product #	Description
02636032	Air Distribution Vest (Reg.)
02636034	Air Distribution Vest (XL)
02636036	Air Distribution Vest (2XL)
01632506	Personal Air Conditioner (PAC) (6-17 CFM output)
01638925	3/8" x 25' air supply hose
01640008	Waist belt

Note:  
Regular size vest for 50" chest. XL size vest for 54" chest.  
2XL size vest for 58" chest.



## Torso/Collar Cooling System

- Air distribution vest with sewn in air channels and air collar
- Personal air conditioner providing 15-50 CFM output
- Waist belt and 25' hose
- Multiple vest sizes available
- For use when additional cooling air to face and head are required
- Air flow valve controls air flow to the upper collar

Product #	Description
02636031	Air Distribution Vest w/facial collar (Reg.)
02636033	Air Distribution Vest w/facial collar (XL)
02636035	Air Distribution Vest w/facial collar (2XL)
01635001	Personal Air Conditioner (PAC) (15-50 CFM output)
01639125	1/2" x 25' air supply hose
01640008	Waist belt

Note:  
Regular size vest for 50" chest. XL size vest for 54" chest.  
2XL size vest for 58" chest.



**Encon**<sup>®</sup>  
SAFETY PRODUCTS



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PPE Catalog Oct 2018

