

3M Occupational Health and Environmental Safety Division

Safety Eyewear

Hearing Protection

Head and Face Protection



Workplace Solutions from the Brands you Trust

Workers want their safety equipment to be comfortable, convenient and functional. They also want flexibility and style in their choice. Our newly expanded industry leading personal protection equipment (PPE) has long offered safety solutions designed to meet the highest standards of excellence. They offer a broad range of choice and style too. Now, these leading brands have joined 3M to create one of the broadest safety product offerings in the marketplace. Today, our extensive line of personal protective equipment offers a full range of style, comfort, convenience and value. PPE products from a company you can trust.



Contents

Safety Eyewear

Orange County Choppers™ Safety Eyewear	4
Metaliks™ Safety Eyewear	6
Smart Lens™ Photochromic Eyewear	7
Moon Dawg™ Safety Sunwear	7
Lexa™ Safety Eyewear	8
BX™ Eyewear	10
Maxim™ Safety Eyewear	11
Tour-Guard™ Safety Eyewear	11
Refine™ Women's Safety Eyewear	12
Virtua™ Safety Eyewear	12
Light Vision 2™ Safety Eyewear	13
Centurion™ Goggles	13
Eyewear Product Preference Guide	14

Head and Face Protection

XLR8™ Hard Hats	17
AO Tuffmaster™ Headgear/Window Combo Systems	17

Hearing Protection

E-A-R™ Classic™ Earplugs	19
E-A-R™ Classic™ One Touch™ Dispenser	19
E-A-Rsoft™ Foam Earplugs	20
E-A-R™ EXPRESS™ Pod Plug™ Earplugs	20
E-A-R™ UltraFit™ Earplugs	21
E-A-R™ Push-Ins™ Earplugs	21
E-A-R™ Push-Ins™ SofTouch™ Foam Earplugs	22
E-A-R™ ARC PLUG™ Earplugs	22
Peltor™ Next™ Earplugs	23
E-A-R BUDS™ Headphones	24
Swerve™ Banded Hearing Protector	24
Peltor™ Optime™ Earmuffs	25
Hearing Protection Product Preference Guide	26

3M is a trademark of 3M Company.

Peltor is a trademark of Peltor AB and is used under license.

All other trademarks are owned by Cabot Safety Intermediate Corporation or their respective owners and are used under license. See page 5 for other trademark and intellectual property information.

 **WARNING! See warnings on back cover.**

Safety Eyewear



3M



Orange County Choppers™ Safety Eyewear

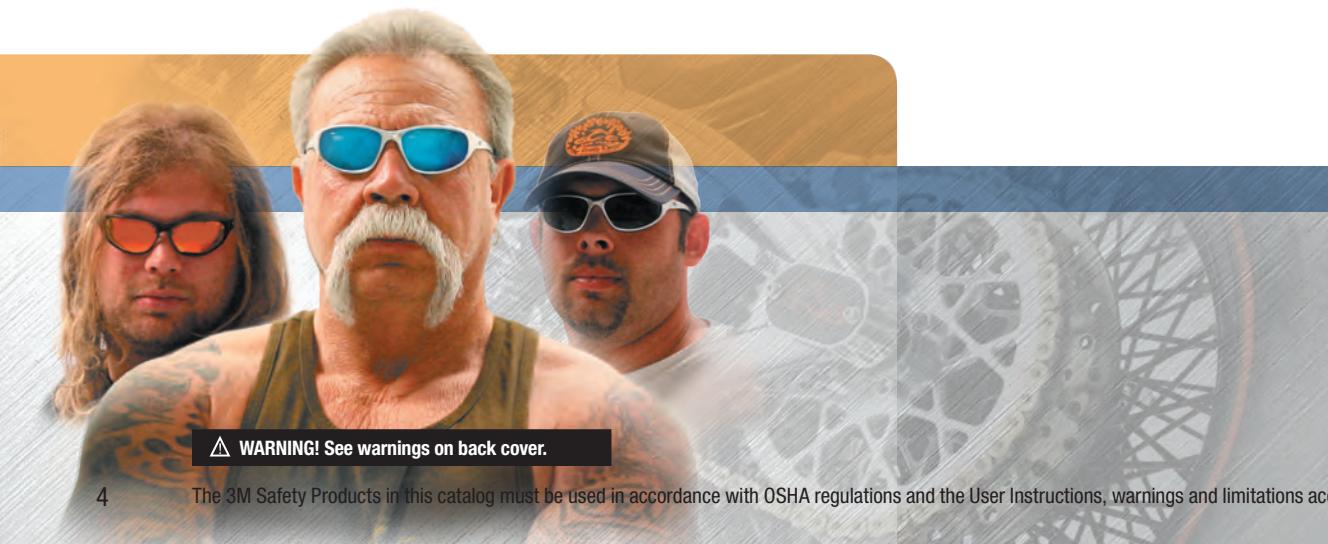
The coolest eyewear line just got cooler. Inspired by the internationally popular TV show. Orange County Choppers Safety Eyewear has the edgy styling and solid performance which lets you hold on tight and take compliance for a ride!

OCC™ 200 Series Safety Eyewear

- Contemporary style
- Aluminum frames
- Spring-hinge temples
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



Part Number	Description	UPC
11444-00000-10	OCC 201 silver aluminum frame, blue mirror lens	0 78371 62366 8
11445-00000-10	OCC 202 silver aluminum frame, gray polarized lens	0 78371 62367 5
11446-00000-10	OCC 203 black aluminum frame, red mirror lens	0 78371 62368 2
11447-00000-10	OCC 204 black aluminum frame, clear anti-fog lens	0 78371 62369 9



⚠ WARNING! See warnings on back cover.



OCC™ 700 Series Safety Eyewear

- Sporty – half frame designs
- OCC™ logo on the temple
- OCC™ inspired style
- Soft temple tips
- Soft nosebridge
- Meets the requirements of ANSI Z87.1-2003 high impact

Part Number	Description	UPC
11732-00000-10	OCC 700 metallic gun metal gray frame and temples, clear anti-fog lens	0 78371 62183 1
11733-00000-10	OCC 700 metallic gun metal gray frame and temples, gray anti-fog lens	0 78371 62184 8
11734-00000-10	OCC 700 metallic gun metal gray frame and temples, I/O mirror hard coat lens	0 78371 62185 5

OCC™ 800 Series Safety Eyewear

- Dual-tone temples
- OCC™ inspired styling
- OCC™ logo on the lens
- Soft nosebridge
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



Part Number	Description	UPC
11727-00000-10	OCC 800 black and silver temples, clear anti-fog lens	0 78371 62198 5
11728-00000-10	OCC 800 black and silver temples, gray anti-fog lens	0 78371 62199 2
11729-00000-10	OCC 800 black and silver temples, I/O mirror hard coat lens	0 78371 62200 5

ORANGE COUNTY CHOPPERS, O.C.C., and the O.C.C. LOGO and related indicia are trademarks of Orange County Design Properties LLC, used under license. Reproduction in whole or in part without the written permission of the copyright owner is prohibited. ©2008 Orange County Design Properties LLC. All rights reserved. The uses of the pictures of Paul Teutul Sr., Paul Teutul Jr., and/or Michael Teutul are used with permission. Manufactured by Aearo Technologies used under license from Orange County Choppers Design Properties LLC.

WARNING! See warnings on back cover.



Metaliks™ Safety Eyewear

A distinctive contemporary look, metal frames and comfortable spatula temples set the Metaliks family of safety eyewear apart from the competition.

- 10-base de-centered lens for optimal front and side protection
- Excellent fit and comfort
- Outstanding coverage
- Optimal performance
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



Metaliks Sport eyewear brushed nickel frame, clear anti-fog lens

Metaliks eyewear silverized frame, clear anti-fog lens

Metaliks™ Sport Eyewear

Part Number	Description	UPC
11343-10000-20	Metaliks Sport brushed nickel frame, clear anti-fog lens	0 783711 62355 2
11344-10000-20	Metaliks Sport brushed nickel frame, gray anti-fog lens	0 783711 62356 9
11345-10000-20	Metaliks Sport brushed nickel frame, indoor/outdoor mirror hard coat lens	0 783711 62357 6
11346-10000-20	Metaliks Sport brushed nickel frame, amber anti-fog lens	0 783711 62358 3
11540-10000-20	Metaliks Sport brushed nickel frame, blue mirror hard coat lens	0 783711 62375 0

Metaliks™ Safety Eyewear

Part Number	Description	UPC
11532-10000-20	Metaliks blue frame, clear anti-fog lens	0 78371 62374 3
15170-10000-20	Metaliks silverized frame, clear anti-fog lens	0 78371 62380 4
15171-10000-20	Metaliks silverized frame, gray anti-fog lens	0 78371 62381 1
15172-10000-20	Metaliks silverized frame, indoor/outdoor mirror hard coat lens	0 78371 62382 8

⚠ WARNING! See warnings on back cover.

Smart Lens™ Photochromic Eyewear

It changes so workers don't need to. The days of buying indoor and outdoor safety eyewear are over. Let there be light. Let there be dark. Let there be Smart Lens photochromic eyewear.

SMART LENS™



- Meets traffic signal recognition requirements of ANSI Z80.3-2001
- Changes from dark to clear in 35 seconds
- Clear state allows for 77.5% light transmission
- Changes from clear to dark in 8 seconds
- Reduces sun glare allowing just 22% light transmission
- Meets ANSI Z87.1-2003 high impact requirements

Be Smart with Smart Lens™ Photochromic Eyewear

Safety directors should assess their particular workplace and make all people wearing Smart Lens photochromic eyewear aware of the time required for the lens transition. Special care should be taken when moving from outdoors to indoors. Outdoor temperatures may affect lens transition time.

Part Number	Description	UPC
13407-00000-5	Smart Lens Photochromic Eyewear	0 78371 62033 9

Moon Dawg™ Safety Sun Wear

Moon Dawg eyewear proves that safety can look cool. Protect wearers' eyes and their image with these surf-inspired safety eyewear; ideal for outdoor safety sun wear.

- Tortoise or black frames
- Lightweight, comfortable frame
- Available with gray anti-fog or indoor/outdoor mirror lenses
- Wide temples provide excellent side coverage
- Meets the requirements of ANSI Z87.1-2003 high impact

Part Number	Description	UPC
11213-00000-20	Moon Dawg tortoise shell frame with anti-fog lens	0 78371 62176 3
11214-00000-20	Moon Dawg tortoise shell frame with indoor/outdoor mirror lens	0 78371 62177 0
11215-00000-20	Moon Dawg black frame with gray anti-fog lens	0 78371 62178 7
11216-00000-20	Moon Dawg black frame with indoor/outdoor mirror lens	0 78371 62179 4



WARNING! See warnings on back cover.

A True Eyewear System

Lexa™ Safety Eyewear

Lexa safety eyewear provides a unique combination of performance, comfort, fit, and application versatility. Lexa safety eyewear is a patented eyewear system with individual solutions for specific eye protection problems. The Lexa safety eyewear system includes task-specific lens tints and shades, including the indoor/outdoor mirror lens with no backside reflection and the Minimlzer™ lens that helps reduce workers' exposure to welder's "flash burn." Plus, Lexa safety eyewear can be transformed into a dust or splash goggle with GoggleGear™ accessories, which makes it a true eyewear system. And now, we've improved upon this system with the addition of diopter reader lenses.

- Easy-change™ lenses with DX™ anti-fog hard coat protects lens from fog, scratching, and most chemicals
- Industry's only patented aspheric lens with readers +1.5, +2.0, +2.5
- Extended viewing range in every direction without distracting sideshields or brow guard to block the sightline
- The patented ellipsoidal shape follows and blends with the facial outline to promote optimum, full coverage
- Patented, wide span design provides excellent orbital eye protection
- Adjustable lens angle – three positions
- Customized fit
- Adjustable temple length
- Replacement lenses available
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



Lexa Safety Eyewear
black temple, clear lens

Lexa™ Safety Eyewear

Part Number	Description	UPC
15200-00000-20	Lexa black temple, DX™ clear lens, medium	0 78371 62287 6
15204-00000-20	Lexa black temple, DX™ gray lens, medium	0 78371 62289 0
15208-00000-20	Lexa black temple, DX™ amber lens, medium	0 78371 62290 6
15210-00000-20	Lexa black temple, Arc-Block™ DX™ lens, medium	0 78371 92291 3
15211-00000-20	Lexa black temple, IR 3.0 DX™ lens, medium	0 78371 62292 0
15212-00000-20	Lexa black temple, IR 5.0 DX™ lens, medium	0 78371 62293 7
15213-00000-20	Lexa black temple, DX™ vermilion lens, medium	0 78371 62294 4
15214-00000-20	Lexa black temple, indoor/outdoor DX™ lens, medium	0 78371 62295 1
15250-00000-20	Lexa black temple, MinimlzerR™ DX™ lens, medium	0 78371 92299 9
15100-00000-20	Lexa black temple, DX™ clear lens, large	0 78371 92277 7
15150-00000-20	Lexa black temple, MinimlzerR™ DX™ lens, large	0 78371 62281 4

⚠ WARNING! See warnings on back cover.



Lexa Dust GoggleGear
black strap, clear lens

Lexa™ Dust GoggleGear™

Part Number	Description	UPC
16615-00000-10	Lexa DGG, black temple, DX™ clear lens, medium	0 78371 62328 6
16616-00000-10	Lexa DGG, black temple, DX™ clear lens, large	0 78371 62329 3
16617-00000-10	Lexa DGG, black strap, DX™ clear lens, medium	0 78371 62330 9
16618-00000-10	Lexa DGG, black strap, DX™ clear lens, large	0 78371 62331 6



Lexa Splash GoggleGear
clear shroud, clear lens

Lexa™ Splash GoggleGear™

Part Number	Description	UPC
16644-00000-10	Lexa SGG, clear shroud, DX™ clear lens, medium	0 78371 62336 1
16645-00000-10	Lexa SGG, clear shroud, DX™ clear lens, large	0 78371 62337 8



Lexa Readers
black temple clear DX reader lens

Lexa™ Readers

Part Number	Description	UPC
13353-00000-20	Lexa black temple, DX™ clear reader lens +1.5, medium	0 78371 62250 0
13354-00000-20	Lexa black temple, DX™ clear reader lens +2.0, medium	0 78371 62251 7
13355-00000-20	Lexa black temple, DX™ clear reader lens +2.5, medium	0 78371 62252 4

WARNING! See warnings on back cover.

BX™ Safety Eyewear

BX safety eyewear adjusts to the workers, instead of workers having to adjust to it. With many adjustable features, BX eyewear provides a better fit, which can help your workers have a better attitude towards wearing their eyewear.

- Three lens angles for custom fit
- Adjustable temple lengths
- Five lens options
- Reader lenses available (+1.5, +2.0, +2.5)
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



BX Safety Eyewear
ocean blue frame



BX Safety Eyewear
silver/black frame

Part Number	Description	UPC
11471-00000-20	BX ocean blue frame, clear anti-fog lens	0 78371 62065 0
11472-00000-20	BX ocean blue frame, indoor/outdoor mirror lens	0 78371 62066 7
11473-00000-20	BX ocean blue frame, indoor/outdoor mirror lens +1.5 diopter	0 78371 62067 4
11474-00000-20	BX ocean blue frame, indoor/outdoor mirror lens +2.0 diopter	0 78371 62068 1
11475-00000-20	BX ocean blue frame, indoor/outdoor mirror lens +2.5 diopter	0 78371 62069 8
11523-00000-20	BX ocean blue frame, light blue anti-fog lens	0 78371 62078 0
11524-00000-20	BX ocean blue frame, light amber anti-fog lens	0 78371 62079 7
11525-00000-20	BX ocean blue frame, indoor/outdoor gray anti-fog lens	0 78371 62080 3
11380-00000-20	BX silver/black frame, clear anti-fog lens	0 78371 62052 0
11381-00000-20	BX silver/black frame, gray anti-fog lens	0 78371 62053 7
11374-00000-20	BX silver/black frame, clear anti-fog lens +1.5 diopter	0 78371 62046 9
11375-00000-20	BX silver/black frame, clear anti-fog lens +2.0 diopter	0 78371 62047 6
11376-00000-20	BX silver/black frame, clear anti-fog lens +2.5 diopter	0 78371 62048 3
11377-00000-20	BX silver/black frame, gray anti-fog lens +1.5 diopter	0 78371 62049 0
11378-00000-20	BX silver/black frame, gray anti-fog lens +2.0 diopter	0 78371 62050 6
11379-00000-20	BX silver/black frame, gray anti-fog lens +2.5 diopter	0 78371 62051 3

⚠ WARNING! See warnings on back cover.

Maxim™ Safety Eyewear

Tough by design, Maxim safety eyewear has more lens choices for more applications. Without sacrificing style, comfort, or fit, even the toughest standards are pushed to the max with Maxim safety eyewear.

- A weight of less than an ounce
- Patented 3-position pantoscopic lens adjustment moves lens up and down on the face for optimum fit and sightline
- Adjustable temple lengths
- Dual-injected cushion browguard
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



Part Number	Description	UPC
13250-00000-20	Maxim black adjustable temple, DX™ clear lens	0 78371 62235 7
13251-00000-20	Maxim black adjustable temple, DX™ bronze lens	0 78371 62236 4
13252-00000-20	Maxim black adjustable temple, indoor/outdoor DX™ lens	0 78371 62237 1
13253-00000-20	Maxim black adjustable temple, DX™ amber lens	0 78371 62238 8
12289-00000-20	Maxim black adjustable temple, MinimizeR™ DX™ lens	0 78371 62232 6
12292-00000-20	Maxim black adjustable temple, DX™ 3.0 IR lens	0 78371 62233 3

Tour-Guard™ Safety Eyewear

Tour-Guard safety eyewear is an economical choice when you need safety glasses for visitors. Tour-Guard eyewear can be worn alone or the design allows it to fit over most prescription glasses.

- Economical visitor safety eyewear fits over most prescription glasses
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



Part Number	Description	UPC
41120-00000-100	Tour-Guard III 968B, clear lens, bulk	0 78371 62343 9
41210-00000-100	Tour-Guard III 968B, small clear lens, bulk	0 78371 62345 3

WARNING! See warnings on back cover.

Refine™ Women's Safety Eyewear

Better fit means better protection. Refine safety eyewear is specially sized for the female profile. It fits closer and more proportionally to the eyes, cheeks, and brow. The result is better coverage with fewer gaps to help prevent dangerous flying debris from reaching eyes.

Refine your style, refine your view on safety.

- Small, lightweight frame
- Padded, adjustable nosebridge available
- Meets the requirements of ANSI Z87.1-2003 high impact

Part Number	Description	UPC
11738-00000-20	Refine 101, mocha frame, clear anti-fog lens	0 78371 62189 3
11739-00000-20	Refine 102, mocha frame, gray anti-fog lens	0 78371 62190 9
11740-00000-20	Refine 103, mocha frame, I/O mirror lens	0 78371 62191 6
11735-00000-20	Refine 201, teal frame, clear anti-fog lens	0 78371 62186 2
11736-00000-20	Refine 202, teal frame, gray anti-fog lens	0 78371 62187 9
11737-00000-20	Refine 203, teal frame, I/O mirror lens	0 78371 62188 6

Virtua™ Safety Eyewear

Versatile, value, Virtua safety eyewear. The Virtua safety eyewear line combines outstanding style, protection and affordability. With numerous frame styles, lens tints and coatings, adjustability features and coverage profiles, the Virtua safety eyewear line can meet the needs for eye protection requirements.

- Sleek-styling
- Lightweight lens – less than 1 oz.
- Cost effective
- Meets the requirements of ANSI Z87.1-2003 high impact

Part Number	Description	UPC
11326-00000-20	Virtua, clear temples, clear lens (hard coat)	0 78371 62099 5
11327-00000-20	Virtua, gray temples, gray lens (hard coat)	0 78371 62102 2
11328-00000-20	Virtua, clear temples, I/O mirror lens (hard coat)	0 78371 62103 9
11329-00000-20	Virtua, clear temples, clear lens (anti-fog)	0 78371 62105 3
11331-00000-20	Virtua, blue mirror temples, blue mirror lens (hard coat)	0 78371 62108 4



⚠ WARNING! See warnings on back cover.

Light Vision 2™ Safety Eyewear

The brightest idea in safety eyewear. Don't be left in the dark anymore.

Light Vision 2 safety eyewear has lights mounted on each temple to provide hands-free task lighting. The LED systems provide ultra-bright beams and swivel/adjust for directional convenience. Of course, this lighting advantage is coupled with impact protection.

- Long battery life up to 50 hours of continuous use
- Dual hands-free temple lights swivel/adjust for bright directional beams
- Wide coverage wrap around design protects against flying particles
- Available with reader lenses
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



Light Vision 2 Safety Eyewear

Part Number	Description	UPC
11476-00000-10	Light Vision 2, gray frame, black temples, clear anti-fog lens, dual LED lights	0 78371 62111 4
11477-00000-10	Light Vision 2, reader, gray frame, black temples, clear anti-fog lens, dual LED lights, +1.5 diopter	0 78371 62112 1
11478-00000-10	Light Vision 2, reader, gray frame, black temples, clear anti-fog lens, dual LED lights, +2.0 diopter	0 78371 62113 8
11479-00000-10	Light Vision 2, reader, gray frame, black temples, clear anti-fog lens, dual LED lights, +2.5 diopter	0 78371 62114 5

Centurion™ 452 Impact Goggles with Direct Venting and 454 Splash/Impact Goggles with Indirect Venting

With a wide-angle wrap around design, Centurion goggles offer exceptional “side-to-side” peripheral vision. This “open” viewing range gives workers a non-restrictive feel and helps promote longer wear time.

- Tough Duralite™ polycarbonate lens with 99.9% UV protection
- Optional anti-fog resistant coating
- Large lens opening fits over prescription and safety glasses
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2001 high impact



Part Number	Description	UPC
40300-00000-10	Centurion 452 impact goggle clear lens	0 78371 62387 3
40301-00000-10	Centurion 452AF impact goggle clear anti-fog lens	0 78371 62388 0
40304-00000-10	Centurion 454 splash/impact goggle clear lens	0 78371 62389 7
40305-00000-10	Centurion 454AF splash/impact goggle clear anti-fog lens	0 78371 62390 3

WARNING! See warnings on back cover.

Eyewear Product Preference Guide

Brand	Lens Options												
	Clear	Gray	Bronze	I/O Mirror	Blue Mirror	Red Mirror	Light Blue	Amber	Polarized	Arc-Bloc™ lens	MinimizeR™ lens	Photo-chromatic	
OCC™ 200 Series	X				X	X			X				
OCC™ 700 Series	X	X		X									
OCC™ 800 Series	X	X		X									
Metalks™ Sport Safety Eyewear	X	X		X	X			X					
Metaliks™ Safety Eyewear	X	X		X									
Smart Lens™ Photochromatic Eyewear												X	
Moon Dawg™ Safety Sunwear		X		X									
Lexa™ Safety Eyewear	X	X		X				X		X	X		
Lexa™ Dust GoggleGear™ Eyewear	X												
Lexa™ Splash GoggleGear™ Eyewear	X												
BX™ Safety Eyewear	X	X		X			X	X					
Maxim™ Safety Eyewear	X		X	X				X			X		
Tour-Guard™ Safety Eyewear	X												
Refine™ Women's Safety Eyewear	X	X		X									
Virtua™ Safety Eyewear	X	X		X	X								
Light Vision 2™ Safety Eyewear	X												
Centurion™ Impact Goggle	X												
Centurion™ Splash/Impact Goggle	X												

All of our safety eyewear have polycarbonate lenses which absorb 99.99% UV

 **WARNING!** See warnings on back cover.

					Lens Coatings			Comfort		Adjustability		Compliance	
	Vermillion	Shade 3.0 or 5.0	I/O Gray	Readers	Anti-fog	Hard Coat	DX™ AF/HC	Soft Nose Bridge	Soft Temple Tips	Adjustable Temples	Lens Angle	ANSI Z87.1 2003	CSA Z94.3 2001
					X	X		X	X			X	
					X	X		X	X			X	
					X	X		X	X			X	X
					X	X		X	X	X		X	X
					X	X		X	X	X		X	X
						X		X				X	
					X	X						X	
	X	3.0 and 5.0		X			X	X		X	X	X	X
							X	X		X	X	X	X
							X					X	X
			X	X	X	X		X		X	X	X	X
		3.0					X	X		X	X	X	X
												X	X
					X	X		X				X	
					X	X						X	
				X	X			X		X		X	X
					X							X	X
					X							X	X

WARNING! See warnings on back cover.

Head and Face Protection



Top of the Line
for Top of the Head

3M

XLR8™ Hard Hats

- High density, polyethylene shell
- Lightweight design
- Cushioned brow
- Vented head band
- Height adjustment
- Meets ANSI Z89.1-2003 Type 1 Class C, G, and E standards
- Universal accessory slots for use with a wide variety of eye, face, and hearing protection products



Part Number	Description	UPC
46107-00000	XLR8 American Flag hard hat with 4-PT ratchet suspension	0 78371 46107 2
45987-00001	XLR8 yellow hard hat with 4-PT pinlock suspension*	0 78371 45987 1
45988-00001	XLR8 white hard hat with 4-PT pinlock suspension*	0 78371 45988 8
45992-00001	XLR8 yellow hard hat with 4-PT ratchet suspension	0 78371 45992 5
45993-00001	XLR8 white hard hat with 4-PT ratchet suspension	0 78371 45993 2
45963-00001	XLR8 yellow hard hat with 6-PT pinlock suspension*	0 78371 45963 5
45964-00001	XLR8 white hard hat with 6-PT pinlock suspension*	0 78371 45964 2
45969-00001	XLR8 yellow hard hat with 6-PT ratchet suspension*	0 78371 45969 7
45995-00001	XLR8 white hard hat with 6-PT ratchet suspension*	0 78371 45965 9

*additional colors available

AO Tuffmaster™ Headgear/Window Combo Systems

AO Tuffmaster Headgear

- Easy Change™ windows
- Flat stock
- Molded stock
- High-strength thermoplastic crown protector provides impact resistance even at very high temperatures
- Complete headgear and faceshield units
- Meets ANSI Z87.1-2003



Part Number	Description	UPC
82782-00000	H8A Headgear / W96 Faceshield (propionate)	0 78371 82782 3
82783-00000	H8A Headgear / WP96 Faceshield (polycarbonate)	0 78371 82783 0

AO Tuffmaster Easy Change Windows

Part Number	Description	UPC
82700-00000	W96 clear propionate (molded)	0 78371 82700 7
82701-00000	WP96 clear polycarbonate (molded)	0 78371 82701 4
82704-00000	WP96AF clear polycarbonate anti-fog (molded)	0 78371 82704 5
82579-00000	WP96R standard clear polycarbonate (flat)	0 78371 82579 9

WARNING! See warnings on back cover.

Hearing Protection



Plug in
the Solution



Hearing Protection Trusted Worldwide

E-A-R™ Classic™ Foam Earplugs



It's our most popular earplug in the world. The Classic earplug's timeless design has proven itself in the field for over 30 years, and its foam provides a comfortable, effective seal while exerting low pressure in the ear. It's easy to insert and it provides great protection.

- Moisture-resistant – helps reduce moving and shifting problems when used in moist environments
- Reduced pressure – lower equilibrium pressure than many competitive earplugs
- Flame retardant* – important for storage considerations
- Many packaging options available to meet user needs (including reusable dispenser, recyclable, biodegradable, and pulpable options)
- Pillow packs may be reused for convenience and storage
- Easy-to-use wall mounting dispenser boxes
- Classic Plus plugs are longer for more noise reduction



Part Number	Description	UPC	NRR
310-1001	E-A-R Classic foam earplugs*, uncorded in pillow pack	0 80529 10000 9	29 dB
312-1201	E-A-R Classic foam earplugs, uncorded in poly bag	0 80529 12002 1	29 dB
311-1101	E-A-R Classic foam earplugs, corded in poly bag	0 80529 11001 5	29 dB
391-1001	E-A-R Classic foam earplugs, One Touch refill	0 80529 91001 1	29 dB
310-1101	E-A-R Classic Plus foam earplugs, uncorded in pillow pack	0 80529 10051 1	33 dB
311-1105	E-A-R Classic Plus foam earplugs, corded in poly bag	0 80529 11023 7	33 dB
391-1000	E-A-R Classic foam earplugs, One Touch dispensing stand	0 80529 91000 4	29 dB



E-A-R™ Classic™ One Touch™ Dispenser

- One turn and the patented “No Waste Funnel” delivers earplugs quickly and easily. Reusable base and dispensing unit.



*The E-A-R Classic foam earplugs meets the U.S. Military Specification MIL-P-37407B test requirements for an earplug to resist combustion.

Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in earplug fit and wearing time. It is recommended that the NRR be reduced by 50% for estimating the average amount of noise reduction provided.

WARNING! See warnings on back cover.

E-A-Rsoft™ Foam Earplugs

Special, soft and smooth foam formulation with the highest NRR available. Offered in a range of sizes as well as in corded and uncorded models.

- A variety of eyecatching designs
- FX model features a flared end for easy insertion and removal
- Metal detectable models available for food processing industry



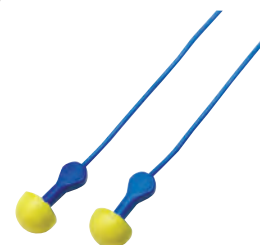
E-A-Rsoft Yellow Neon Blasts™ regular 1250

Part Number	Description	UPC	NRR
312-1250	E-A-Rsoft Yellow Neons™ foam earplugs, regular	0 80529 12063 2	33 dB
312-1251	E-A-Rsoft Yellow Neons™ foam earplugs, large	0 80529 12064 9	33 dB
312-1252	E-A-Rsoft Yellow Neon Blasts™ foam earplugs, regular	0 80529 12065 6	33 dB
311-1250	E-A-Rsoft Yellow Neons™ foam earplugs corded, regular	0 80529 11033 6	33 dB
311-1251	E-A-Rsoft Yellow Neons™ foam earplugs corded, large	0 80529 11034 3	33 dB
311-1252	E-A-Rsoft Yellow Neon Blasts™ foam earplugs corded, regular	0 80529 11035 0	33 dB
311-4106	E-A-Rsoft Yellow Neons™ foam earplugs metal detectable corded, regular	0 80529 11042 8	33 dB
310-1250	E-A-Rsoft Yellow Neons™ foam earplugs, in pillow pack	0 80529 10065 8	33 dB
391-1004	E-A-Rsoft Yellow Neons™ foam earplugs, one touch refill	0 80529 91004 2	33 dB
391-1005	E-A-Rsoft Yellow Neons™ foam earplugs, large one touch refill	0 80529 91005 9	33 dB
391-1010	E-A-Rsoft Yellow Neon Blasts™ foam earplugs regular one touch refill	0 80529 91012 7	33 dB
312-1261	E-A-Rsoft FX uncorded	0 80529 12086 1	33 dB
312-1260	E-A-Rsoft FX corded	0 80529 12085 4	33 dB

E-A-R™ EXPRESS™ Pod Plug™ Earplugs

The EXPRESS Pod Plug earplug make fitting easy; there's no roll-down needed. Just use the soft, flexible grip to push the plug into position. Because you don't touch the foam during fitting, it's one of the most hygienic earplugs available.

- Designed for more consistent insertion from use to use
- Packaged in convenient reusable pillow pack to promote reuse



Part Number	Description	UPC	NRR
311-1115	E-A-R EXPRESS Pod Plug corded assorted color grips with matching cord (red, yellow, green, blue, purple), pillow pack	0 80529 11011 4	25 dB

⚠ WARNING! See warnings on back cover.

E-A-R™ UltraFit™ Earplugs

Talk about earplugs that can do it all. They're comfortable, hygienic and reusable. No sizing is required for these patented, premolded, triple-flange plugs. No inventory headaches from managing multiple sizes. And of course, E-A-R™ premolded plugs are available in a variety of styles and corded options.

- Reusable earplug saves time and money
- Washable, promotes proper hygiene
- Breakaway cord in case of machine entanglement
- Convenient carrying cases keep plugs clean when not in use



Part Number	Description	UPC	NRR
340-4001	E-A-R UltraFit earplugs, uncorded with carrying case	0 80529 40000 0	25 dB
340-4002	E-A-R UltraFit earplugs, corded with carrying case	0 80529 40001 7	25 dB
340-4003	E-A-R UltraFit earplugs, uncorded	0 80529 40002 4	25 dB
340-4004	E-A-R UltraFit earplugs, corded	0 80529 40003 1	25 dB
340-4007	E-A-R UltraFit metal detectable earplugs with metal detectable cord in poly bag	0 80529 40004 8	25 dB
340-4014	E-A-R UltraFit earplugs, econopack, corded	0 80529 40053 6	25 dB

E-A-R™ Push-Ins™ Earplugs

E-A-R Push-Ins earplugs combine the ease of use and fit benefits of a reusable earplug with the cost and comfort advantages of a disposable earplug. It's all made possible with the innovative, easy-to-use design and the ultra-soft performance of a tip made of EARform™ foam. The thermoreactive foam softens with body heat.

- EARform foam tip is shaped and sized to mold comfortably to fit a wide variety of ear canal sizes
- Stem allows for better hygiene
- Available corded or uncorded
- A quick and easy fit



Part Number	Description	UPC	NRR
318-1000	E-A-R Push-Ins earplugs, uncorded	0 80529 18000 1	28 dB
318-1001	E-A-R Push-Ins earplugs, corded	0 80529 18001 8	28 dB

WARNING! See warnings on back cover.

E-A-R™ Push-Ins™ SofTouch™ Foam Earplugs

Because even the toughest workers like the softest earplugs, SofTouch Foam earplugs are designed to be our softest Push-Ins earplugs. The cushiony shape seals as well as it feels.

- An impressive NRR of 31 dB
- Shaped and gripped for easy ins-and-outs
- Tapered cone slides in-and-out of the ears quickly and easily



Part Number	Product Description	UPC	NRR
318-4000	E-A-R Push-Ins SofTouch earplugs, uncorded	0 80529 18017 9	31 dB
318-4001	E-A-R Push-Ins SofTouch earplugs, corded	0 80529 18018 6	31 dB

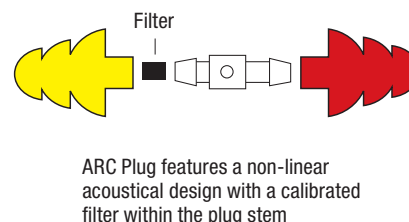
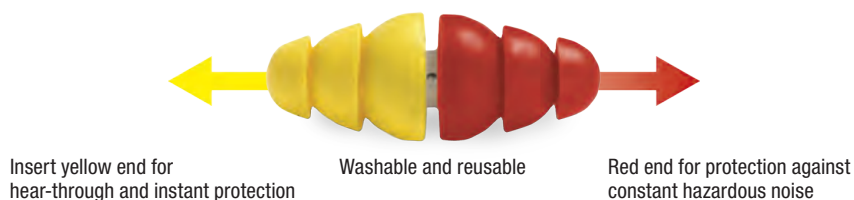
E-A-R™ ARC PLUG™ Earplugs

The only arc protection earplugs with Hear-Through™ earplug design that allows workers to hear conversation, signals, and other critical sounds clearly. If an arc flash occurs, the calibrated noise filter activates immediately to suppress the noise to a lower level – without dangerous delay – reducing the chance of hearing damage and concussive disorientation.

Plus, with double-end versatility, workers just have to insert the plug's red end for protection against exposures to continuous hazardous noises.

- Material successfully tested for ARC exposures of category 2 and higher, ASTM F1959-2005 modified

Octave Band Attenuation Data (dB)



Part Number	Product Description	UPC	NRR
370-2000	E-A-R ARC PLUG earplug	0 80529 70012 4	22 dB

⚠ WARNING! See warnings on back cover.

Peltor™ Next™ Earplugs

Young workers don't want what was. They want what's next. Bright colors. Different shapes. Easy-use features. Today's younger workforce can be a challenging group to get to wear hearing protection. Simply put, they don't want "yesterday's" plugs. They want new.



Peltor™ Next™ Skull Screws™ Earplugs

Grab young workers by the ears with metallic-look foam, screw grip and twist-to-seal design. These plugs bring a new radical attitude to the workplace that's sure to boost wear time with younger workers.

- Metallic-look foam
- Screw grip
- Twist-to-seal design



Peltor™ Next™ No-Touch™ Foam Earplugs

Hands off the foam. What could be easier?

- Bright purple plugs
- Soft, shaped and ready for immediate use – right out of the package
- No roll down required



Peltor™ Next™ Tri-Flange™ Earplugs

Multiple Seals, Multiple Uses.

- Soft, flexible flanges conform to the shape of the ear canal
- Forms a triple-level seal against noise
- LiveWire stem allows for quick, clean, and optimal insertion for outstanding protection



Part Number	Description	UPC	NRR
P1300	Peltor Next Skull Screws earplugs, uncorded	0 93045 92951 1	30 dB
P1301	Peltor Next Skull Screws earplugs, corded	0 93045 92952 8	30 dB
P2000	Peltor Next No-Touch earplugs, uncorded	0 93045 98014 7	29 dB
P2001	Peltor Next No-Touch earplugs, corded	0 93045 98014 7	29 dB
P3000	Peltor Next Tri-Flange earplugs, vinyl-corded	0 93045 98014 7	26 dB
P3001	Peltor Next Tri-Flange earplugs, cloth-cord	0 93045 98017 8	26 dB

WARNING! See warnings on back cover.

E-A-R BUDS™ Headphones

Now you can hear your music while you work with the new, MP3 compatible, noise isolating, E-A-R BUDS headphones. The earphones give workers the protection they need AND the entertainment they want. Safety never sounded so good.



- Ultra-comfortable design
- Convenient, easy-access volume control
- Speaker volume limited to 82 dB



Part Number	Product Description	UPC	NRR
EARBUD2600	E-A-R BUDS headphones	0 78371 61273 3	26 dB

E-A-R™ Swerve™ Banded Hearing Protector

Comfort meets performance when the Swerve banded hearing protector incorporates a cutting-edge band design with the proven effectiveness of E-A-R foam earplugs. The result is hearing protection like you've never seen, heard, or felt before.

- Lightweight & durable plastic flexes/rebounds easily for frequent on-and-off wearings
- Adjusts for optimal fit; band slides forward and back for custom neck & ear positioning
- Removeable cotton lanyard included
- Ergonomic design to minimize interference; neckband shape helps eliminate contact with collars and headgear to reduce band sound transmission
- E-A-R Swerve with FLEX 28 tips (28 dB)
- E-A-R Swerve with comfort tips (19 dB)



Part Number	Product Description	UPC	NRR
322-2000	E-A-R Swerve banded hearing protector (includes FLEX 28 and comfort pod tips)	0 80529 22004 2	—
320-1001	E-A-R FLEX 28 replacement tips	0 80529 20007 5	29 dB
322-2001	E-A-R Comfort Pod replacement tips	0 80529 22005 9	19 dB

⚠ WARNING! See warnings on back cover.

Peltor™ Optime™ Earmuffs



Choosing the right earmuff for workers is a critical decision. A muff with too little attenuation leaves workers vulnerable to noise induced hearing damage. One with too high of a protection level can “overprotect” and make it difficult to hear voices, signals, and make a worker feel isolated... a common reason cited for non-compliance.

Now there's an easy solution. Just match the numbers to the noise levels.

Peltor™ Optime™ 95 Earmuff

- Very low profile ear cups, fits well with most helmets, eyewear, and other safety equipment
- When assessed noise levels reach up to 95 dBA

Peltor™ Optime™ 98 Earmuff

- One of the most versatile earmuffs in the industry today
- When assessed noise levels reach up to 98 dBA

Peltor™ Optime™ 105 Earmuff

- Developed for the ultimate protection in the most demanding noise environments
- Highest NRR available in over-the-head style earmuffs (NRR of 30 dB)
- A unique “double-shell” earcup design (two cups connected via a foam inner layer to reduce structural resonances)
- When assessed noise levels reach up to 105 dBA



Optime 95 Earmuff

Part Number	Product Description	UPC	NRR	CSA Class Code
H6A/V	Peltor Optime 95 headband earmuff	0 93045 08061 8	21 dB	B
H6B/V	Peltor Optime 95 neckband earmuff (behind the head)	0 93045 08062 5	21 dB	A
H6F/V	Peltor Optime 95 folding earmuff	0 93045 08063 2	21 dB	B
H6P3E/V	Peltor Optime 95 helmet attachable earmuff	0 93045 08065 6	21 dB	A

Optime 98 Earmuff

Part Number	Product Description	UPC	NRR	CSA Class Code
H9A	Peltor Optime 98 headband earmuff	0 93045 08091 5	25 dB	A
H9P3E	Peltor Optime 98 helmet attachable earmuff	0 93045 08093 9	23 dB	A

Optime 105 Earmuff

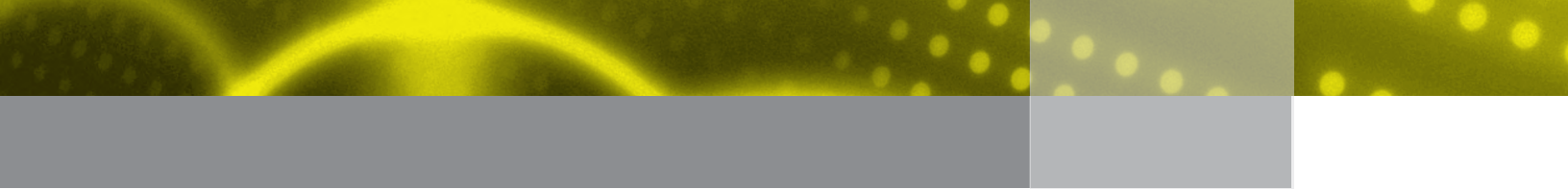
Part Number	Product Description	UPC	NRR	CSA Class Code
H10A	Peltor Optime 105 headband earmuff	0 93045 08101 1	30 dB	AL
H10B	Peltor Optime 105 neckband earmuff (behind the head)	0 93045 08102 8	29 dB	AL
H10P3E	Peltor Optime 105 helmet attachable earmuff	0 93045 08103 5	27 dB	AL

WARNING! See warnings on back cover.

Hearing Protection Product Preference Guide

Category	Product	Type	Situation									
			Hot & Humid	Cold Conditions	Neck cord for convenience	Take off & put on HPDs many times a day	Need to hear conversations in low noise situations	User wears gloves or has dirty hands	Need to wash & reuse HPDs for long periods of time	Compatible with hard hats & helmets	Small ear canals	
Insert Earplugs	E-A-R™ Classic™ Foam Earplugs	Roll Down Foam	X	X	X					X	Classic Small	
	E-A-Rsoft™ Yellow Neons™ & Yellow Neon Blasts™ Earplugs	Roll Down Foam		X	X					X	E-A-Rsoft Regular	
	E-A-Rsoft™ FX Earplugs	Roll Down Foam		X	X					X		
	E-A-R™ EXPRESS™ Pod Plug™ Earplug	Push In	X	X	X	X	X	X		X		
	E-A-R™ Push-Ins™ Earplugs	Push In	X	X	X	X		X		X	X	
	E-A-R™ Push-Ins™ SofTouch™ Earplugs	Push In	X	X	X	X		X		X		
	Peltor™ NEXT™ Skull Screws™ Earplugs	Push In	X	X	X	X		X		X		
	Peltor™ NEXT™ No-Touch™ Foam Earplugs	Push In	X	X	X	X		X		X		
	E-A-R™ UltraFit™ Earplugs	Pre-Molded	X	X	X	X	X	X	X	X		
	Peltor™ NEXT™ Tri-Flange™ Earplugs	Pre-Molded	X	X	X	X	X	X	X	X		
	E-A-R™ Arc Plug™	Specialized	X	X	X	X	X	X	X	X		
Earmuffs	Peltor™ Optime™ 95 Earmuff	Earmuff		X		X		X	X	H6B/V H6P3E	X	
	Peltor™ Optime™ 98 Earmuff	Earmuff		X		X		X	X	H9P3E	X	
	Peltor Optime™ 105 Earmuff	Earmuff		X		X		X	X	H10B H10P3E	X	
Banded Hearing Protectors	E-A-R™ Swerve™ Banded Hearing Protector	Banded	X	X	X	X	Comfort Pod	X	X	X		
Audio Headphones	E-A-R™ BUDS™ Headphones	Electronic	X	X		X		X	X	X		

 **WARNING!** See warnings on back cover.



Average Noise Level (8-hour TWA)												
	Large ear canals	Electrical Arc potential	Metal detectable	Refillable earplug dispenser	Normally quiet with sudden loud impulse noises	Noise Reduction Rating (NRR)	80–85 dBA	86–91 dBA	92–95 dBA	96–100 dBA	101–104 dBA	105 dBA and up
	Classic Plus	X	Classic Plus Metal Detectable	X		29 dB		X	X	X	NOTE: Above 100 dBA, extra care is required for best fitting. Fit foam earplugs deeply into ear canal.	Foam earplugs with earmuffs
	E-A-Rsoft Large		E-A-Rsoft Metal Detectable	X		33 dB		X	X	X		Foam earplugs with earmuffs
	X					33 dB		X	X	X		Foam earplugs with earmuffs
	X					25 dB		X	X	X		
	X		Push-Ins™ Metal Detectable			28 dB		X	X	X		
	X					31 dB		X	X	X		
	X					30 dB		X	X	X		
	X					29 dB		X	X	X		
	X	X	X			25 dB	X	X	X			
	X	X				26 dB	X	X	X			
	X	X			X	Red end in ear 22 dB Yellow end in ear 0 dB						For Impulse only
	X					21 dB	X	X	X			Foam earplugs with earmuffs
	X					Overhead band 25 dB On Helmet 23 dB		X	X			Foam earplugs with earmuffs
	X	H10P3E-01				Overhead band 30 dB Neck band 29 dB On helmet 27 dB			X	X	X	Foam earplugs with earmuffs
	X	X				Flex 28 tip 28 dB Comfort Pod 19 dB	Comfort Pod	Comfort Pod	Flex 28			
	X					26 dB	X	X	X			

WARNING! See warnings on back cover.



⚠ WARNING!

Eye and Face Protection Products (See pages 3–17)

These eye and face protection products help provide limited eye and face protection against flying particles. **Misuse or failure to follow warnings and instructions may result in serious personal injury,**

For proper use, see supervisor, read instructions and warnings on the package, or call 3M OH&ESD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.

⚠ WARNING!

Head Protection Products (See page 17)

These hardhats provide limited protection only. **Misuse or failure to follow warnings and instructions may result in serious personal injury or death.** When head protection is required, wear a protective hardhat or helmet that meets the requirements of ANSI Z89.1-2003. For proper use, see supervisor, read instructions and warnings on the package, or call 3M OH&ESD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.

⚠ WARNING!

Hearing Protection Products (See pages 18–27)

These hearing protection products help prevent hearing loss against certain noises. To provide proper protection, the hearing protector should be (1) suitable for the job, (2) fitted properly in/on the ear, (3) worn during all times of exposure to noise, and (4) replaced when damaged or otherwise necessary. Failure to fit and use proper hearing protectors according to these instructions will reduce their effectiveness. Failure to wear hearing protectors 100% of the time that you are exposed to hazardous noise may dramatically increase your risk of developing hearing loss. Keep earplugs away from infants and small children. They may get caught in a child's windpipe. Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in earplug fit and wearing time. It is recommended that the NRR be reduced by 50% for estimating the average amount of noise reduction provided. For more information, call 3M OH&ESD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.



Please recycle. Printed in USA.
© 3M 2008. All rights reserved.
70-0714-8846-7