

A worker wearing a white 3M helmet with a clear face shield, a white 3M respirator mask, a dark blue 3M jacket, and grey work gloves is using a red and grey orbital sander on a metal surface. The background is a grey industrial wall. The text '3M™ Head and Face Interactive Catalogue' is overlaid on the right side of the image.

3M™ Head and Face Interactive Catalogue

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3M™ SecureFit™ Safety Helmet X5000/X5500 Series

Comfort without compromise

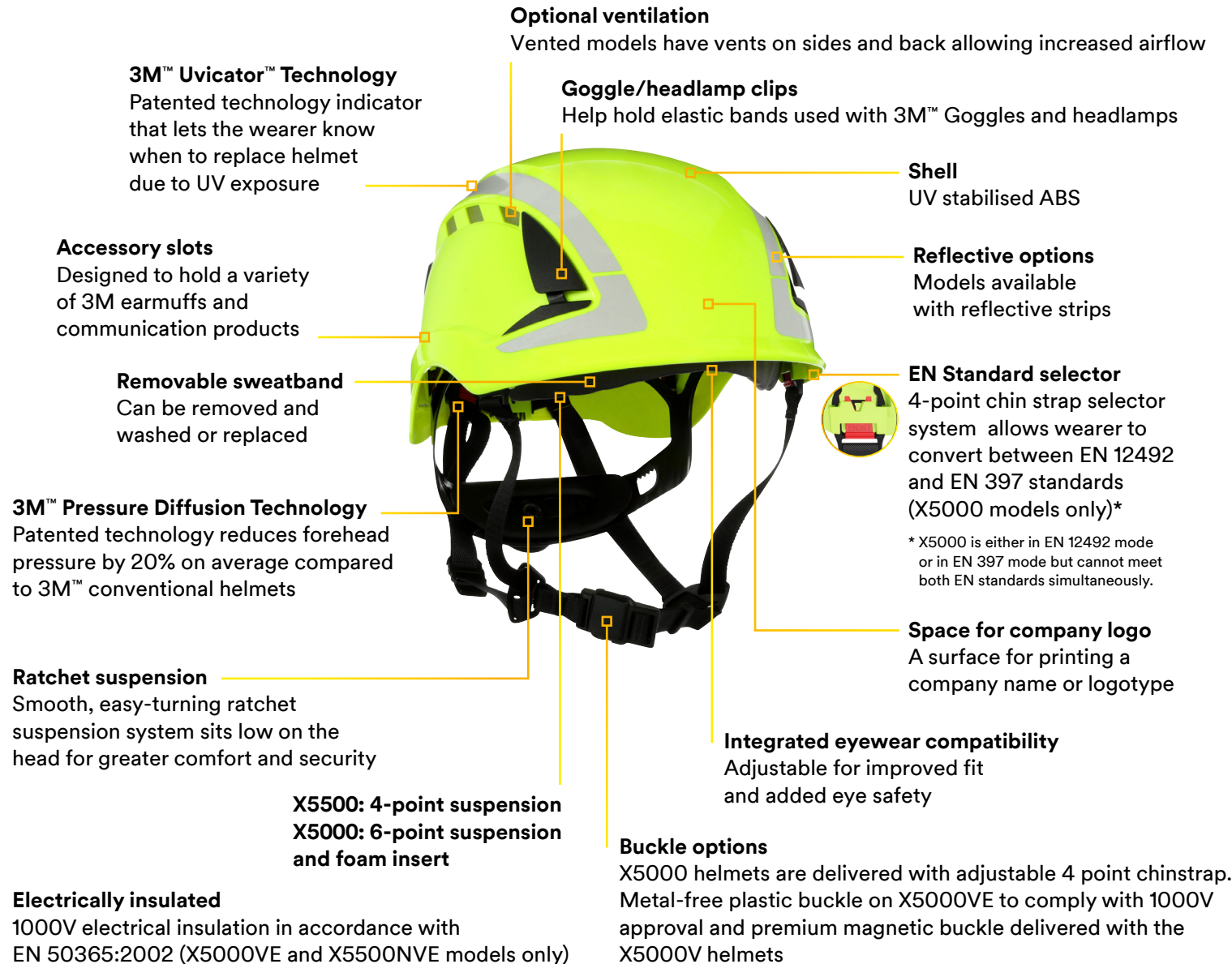
Whether you work at height or on the ground, there is a 3M™ SecureFit™ Safety Helmet offering comfort and protection to suit your needs.

- ▶ Suspension system incorporates patented 3M™ Pressure Diffusion Technology
- ▶ 3M™ SecureFit™ X5000 meets (and has the ability to convert to either) EN 12492 or EN 397 compliance standards for industrial head protection*
- ▶ Climbing helmet-inspired design
- ▶ Works with a variety of 3M faceshields, earmuffs, and other accessories

* X5000 is either in EN 12492 mode or in EN 397 mode but cannot meet both EN standards simultaneously.



Features



Helmet options



X5000V



X5000VE



X5500V



X5500NVE

Technical information

	X5000V	X5000VE	X5500V	X5500NVE
				
General description	Industrial safety helmet Mountaineering helmet	Industrial safety helmet Mountaineering helmet	Industrial safety helmet	Industrial safety helmet
CE certificate	EN 397:2012+A1:2012	✓	✓	✓
	EN 50365:2002 (1000V)	✓		✓
	EN 12492:2012	✓		
Optional tests (EN 397)	-30°C	✓	✓	✓
	LD	✓	✓	✓
	MM			✓
	440V			✓
Features	Material	UV stabilised ABS	UV stabilised ABS	UV stabilised ABS
	Ventilation	✓	✓	
	Weight* (shell) (g)	363	298	283
	3M™ Uvicator™	✓	✓	✓
	Temperature range for usage	-30°C to 50°C	-30°C to 50°C	-30°C to 50°C
	Recommended maximum product life	5 years	5 years	5 years
	Logo printing	✓	✓	✓

* Average weight of helmet, shell only.

Ordering information

	3M ID	Product ID	Suspension type	Colour	MOQ
3M™ SecureFit™ Safety Helmet X5000: Mountaineering style (EN 12492), vented, reflective strips					



7100175100	X5014V-CE	Ratchet	Hi-Viz Green	4 ea/case
7100175099	X5012V-CE	Ratchet	Black	4 ea/case
7100175098	X5007V-CE	Ratchet	Orange	4 ea/case
7100175097	X5005V-CE	Ratchet	Red	4 ea/case
7100175096	X5004V-CE	Ratchet	Green	4 ea/case
7100175095	X5003V-CE	Ratchet	Blue	4 ea/case
7100175094	X5002V-CE	Ratchet	Yellow	4 ea/case
7100175093	X5001V-CE	Ratchet	White	4 ea/case

3M™ SecureFit™ Safety Helmet X5000: Electrically insulated (EN 50365), vented					
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7100175537	X5014VE-CE	Ratchet	Hi-Viz Green	4 ea/case
7100175536	X5012VE-CE	Ratchet	Black	4 ea/case
7100175535	X5007VE-CE	Ratchet	Orange	4 ea/case
7100175534	X5005VE-CE	Ratchet	Red	4 ea/case
7100175533	X5004VE-CE	Ratchet	Green	4 ea/case
7100175512	X5003VE-CE	Ratchet	Blue	4 ea/case
7100175511	X5002VE-CE	Ratchet	Yellow	4 ea/case
7100175101	X5001VE-CE	Ratchet	White	4 ea/case

	3M ID	Product ID	Suspension type	Colour	MOQ
3M™ SecureFit™ Safety Helmet X5500: non-vented, electrically insulated (EN 50365)					



7100175606	X5514NVE-CE	Ratchet	Hi-Viz Green	4 ea/case
7100175605	X5512NVE-CE	Ratchet	Black	4 ea/case
7100175604	X5507NVE-CE	Ratchet	Orange	4 ea/case
7100175603	X5505NVE-CE	Ratchet	Red	4 ea/case
7100175602	X5504NVE-CE	Ratchet	Green	4 ea/case
7100175601	X5503NVE-CE	Ratchet	Blue	4 ea/case
7100175600	X5502NVE-CE	Ratchet	Yellow	4 ea/case
7100175599	X5501NVE-CE	Ratchet	White	4 ea/case

3M™ SecureFit™ Safety Helmet X5500: vented					
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7100175598	X5514V-CE	Ratchet	Hi-Viz Green	4 ea/case
7100175597	X5512V-CE	Ratchet	Black	4 ea/case
7100175596	X5507V-CE	Ratchet	Orange	4 ea/case
7100175595	X5505V-CE	Ratchet	Red	4 ea/case
7100175594	X5504V-CE	Ratchet	Green	4 ea/case
7100175593	X5503V-CE	Ratchet	Blue	4 ea/case
7100175592	X5502V-CE	Ratchet	Yellow	4 ea/case
7100175591	X5501V-CE	Ratchet	White	4 ea/case

3M™ Safety Helmet G3000 Series

Designed for harsh environments

The 3M™ Safety Helmet G3000 Series has been designed in close collaboration with industrial and forestry workers with tough demands for effective protection, excellent ventilation and a maximum field of vision.

- ▶ 3M™ Uvicator™ features patented technology indicator that lets the wearer know when to replace helmet due to UV exposure
- ▶ Ventilation holes distributed over a large area offer maximum through-flow of air, increasing wearer comfort
- ▶ Approved for use at -30°C
- ▶ Short peak gives improved upwards visibility
- ▶ Works with a variety of 3M faceshields, earmuffs, and other accessories
- ▶ Mining lamp holder option available



Features

3M™ Uvicator™ Technology

Helps to indicate when it is time to replace the helmet as a result of excess exposure to ultraviolet (UV) radiation

Optimised ventilation

Ventilated versions available for increased airflow within the shell

Space for company logo

A surface for printing a company name or logotype

Accessory slots

For a wide variety of passive and communication solution earmuffs

Shell

UV stabilised ABS

Short peak

Gives improved upwards visibility

Integrated eyewear compatibility

Adjustable for improved fit and added eye safety

180° rotatable suspension

Head harness can be rotated 180° for improved visibility

Ratchet or pinlock headband

For easy and secure fit and adjustable in height

Ventilated headband

With replaceable sweatband for improved comfort

Electrically insulated

1000V electrical insulation in accordance with EN 50365 (G3001 models only)

Helmet options



G3000-10 with lamp holder and cable holder



G3001, Unvented and electrically insulated



G3000 designed with reflective strips

Technical information

	G3000	G3001	G3000-10
			
General description	Industrial safety helmet	Industrial safety helmet	Industrial safety helmet
CE certificate	EN 397:2012+A1:2012	✓	✓
	EN 50365:2002 (1000V)	✓	✓
Optional tests (EN 397)	-30°C	✓	✓
	MM	✓	✓
	440V	✓	
Features	Material	UV stabilised ABS	UV stabilised ABS
	Ventilation	✓	✓
	Harness 180° rotation	✓	✓
	Weight* (shell) (g)	255 g	266 g
	3M™ Uvicator™	✓	✓
	Temperature range for usage	-30°C to 50°C	-30°C to 50°C
	Recommended maximum product life	5 years	5 years
	Logo printing	✓	✓

* Average weight of helmet, shell only.

Ordering information

3M ID	Product ID	Suspension type	Sweatband	Colour	MOQ
3M™ G3000 Safety Helmet, ventilated					
7000009698	G3000CUV-VI	Pinlock	Plastic	White	20
7000108289	G3000CUV-GP	Pinlock	Plastic	Green	20
7100002023	G3000CUV-GU	Pinlock	Plastic	Yellow	20
7000039714	G3000CUV-GB	Pinlock	Plastic	Hi-Viz	20
7000039715	G3000CUV-OR	Pinlock	Plastic	Orange	20
7000039716	G3000CUV-RD	Pinlock	Plastic	Red	20
7000039713	G3000CUV-BB	Pinlock	Plastic	Blue	20
7100001960	G3000NUV-VI	Ratchet	Plastic	White	20
7000108315	G3000NUV-GP	Ratchet	Plastic	Green	20
7000009701	G3000NUV-GU	Ratchet	Plastic	Yellow	20
7000108316	G3000NUV-GB	Ratchet	Plastic	Hi-Viz	20
7000039720	G3000NUV-OR	Ratchet	Plastic	Orange	20
7000104051	G3000MUV-OR	Ratchet	Leather	Orange	20
7000039721	G3000NUV-RD	Ratchet	Plastic	Red	20
7000039719	G3000NUV-BB	Ratchet	Plastic	Blue	20
7100030107	G3000NUV-SV	Ratchet	Plastic	Black	20
7000108298	G3000DUV-VI	Pinlock	Leather	White	20
7000108296	G3000DUV-GP	Pinlock	Leather	Green	20
7000108288	G3000DUV-GU	Pinlock	Leather	Yellow	20
7000108295	G3000DUV-GB	Pinlock	Leather	Hi-Viz	20
7000108287	G3000DUV-OR	Pinlock	Leather	Orange	20
7000108297	G3000DUV-RD	Pinlock	Leather	Red	20
7000108294	G3000DUV-BB	Pinlock	Leather	Blue	20

3M ID	Product ID	Suspension type	Sweatband	Colour	MOQ
3M™ G3000-10 Safety Helmet, ventilated, lampholder and cable holder					
7000103823	G3000NUV-10-VI	Ratchet	Plastic	White	20
7000103854	G3000NUV-10-GP	Ratchet	Plastic	Green	20
7000103857	G3000NUV-10-GU	Ratchet	Plastic	Yellow	20
7000103853	G3000NUV-10-GB	Ratchet	Plastic	Hi-Viz	20
7000103856	G3000NUV-10-OR	Ratchet	Plastic	Orange	20
7000103855	G3000NUV-10-RD	Ratchet	Plastic	Red	20
7000103770	G3000NUV-10-BB	Ratchet	Plastic	Blue	20
3M™ G3000 Safety Helmet, ventilated, designed with reflective strips					
7100103587	G3000NUV-R-VI	Ratchet	Plastic	White	20
7100103563	G3000NUV-R-GP	Ratchet	Plastic	Green	20
7100103396	G3000NUV-R-GU	Ratchet	Plastic	Yellow	20
7100104449	G3000NUV-R-GB	Ratchet	Plastic	Hi-Viz	20
7100103588	G3000NUV-R-OR	Ratchet	Plastic	Orange	20
7100103558	G3000NUV-R-RD	Ratchet	Plastic	Red	20
7100104324	G3000NUV-R-BB	Ratchet	Plastic	Blue	20
7100103562	G3000NUV-R-SV	Ratchet	Plastic	Black	20

Ordering information (continued)

3M ID	Product ID	Suspension type	Sweatband	Colour	MOQ
3M™ G3001 Safety Helmet, non-ventilated, 1000V electrically insulated (EN 50365)					
7000108322	G3001DUV1000V-VI	Pinlock	Leather	White	20
7100016700	G3001MUV-VI	Ratchet	Leather	White	20
7100033247	G3001MUV1000V-VI	Ratchet	Leather	White	20
7100033455	G3001MUV1000V-GP	Ratchet	Leather	Green	20
7100033456	G3001MUV1000V-GU	Ratchet	Leather	Yellow	20
7100033457	G3001MUV100V-GB	Ratchet	Leather	Hi-Viz	20
7100083193	G3001MUV100V-OR	Ratchet	Leather	Orange	20
7000103850	G3001MUV100V-RD	Ratchet	Leather	Red	20
7100033454	G3001MUV1000V-BB	Ratchet	Leather	Blue	20
7000039722	G3001NUV-VI	Ratchet	Plastic	White	20
7000108317	G3001NUV-GU	Ratchet	Plastic	Yellow	20
7000104055	G3001NUV-OR	Ratchet	Plastic	Orange	20
7000104052	G3001NUV-BB	Ratchet	Plastic	Blue	20
7000039718	G3001CUV-VI	Pinlock	Plastic	White	20
7000108291	G3001CUV-GP	Pinlock	Plastic	Green	20
7000108292	G3001CUV-GU	Pinlock	Plastic	Yellow	20
7000108293	G3001CUV-OR	Pinlock	Plastic	Orange	20
7000039717	G3001CUV-RD	Pinlock	Plastic	Red	20
7000108290	G3001CUV-BB	Pinlock	Plastic	Blue	20

3M™ High Heat Safety Helmet G3501 Series

Temperature extremes, metal sparks and splashes – that's the job. And it's a tough environment to work in. 3M™ High Heat Safety Helmet G3501 Series is designed to offer high levels of protection for the toughest of applications.

- ▶ Lightweight high heat safety helmet compatible with a variety of 3M eye, face and hearing protection
- ▶ 1000V electrical insulation in accordance with EN 50365 for live-working in low voltage environments
- ▶ Leather sweatband for improved comfort
- ▶ Meets optional Very High Temperature test (according to EN 397)

Features



Technical information

G3501



General description	High heat safety helmet	
CE certificate	EN 397:2012+A1:2012	✓
	EN 50365:2002 (1000V)	✓
Optional tests (EN 397)	-30°C	✓
	150°C	✓
	MM	✓
	440V	✓
Features	Material	Glass fibre reinforced polyamide
	Harness 180° rotation	✓
	Weight* (shell) (g)	315 g
	Meets optional tests for	-30°C and +150°C
	Recommended maximum product life	5 years
	Logo printing	✓

* Average weight of helmet, shell only.

Ordering information

	3M ID	Product ID	Suspension type	Sweatband	Colour	MOQ
3M™ High Heat Safety Helmet G3501 Series, electrically insulated (EN 50365)						
	7100077281	G3501M-GP	Ratchet	Leather	Green	20
	7100077280	G3501M-GU	Ratchet	Leather	Yellow	20
	7100077171	G3501M-BB	Ratchet	Leather	Blue	20
	7100077179	G3501M-RD	Ratchet	Leather	Red	20
	7100077208	G3501M-VI	Ratchet	Leather	White	20
	7100077212	G3501M-OR	Ratchet	Leather	Orange	20

3M™ Safety Helmet H700 Series

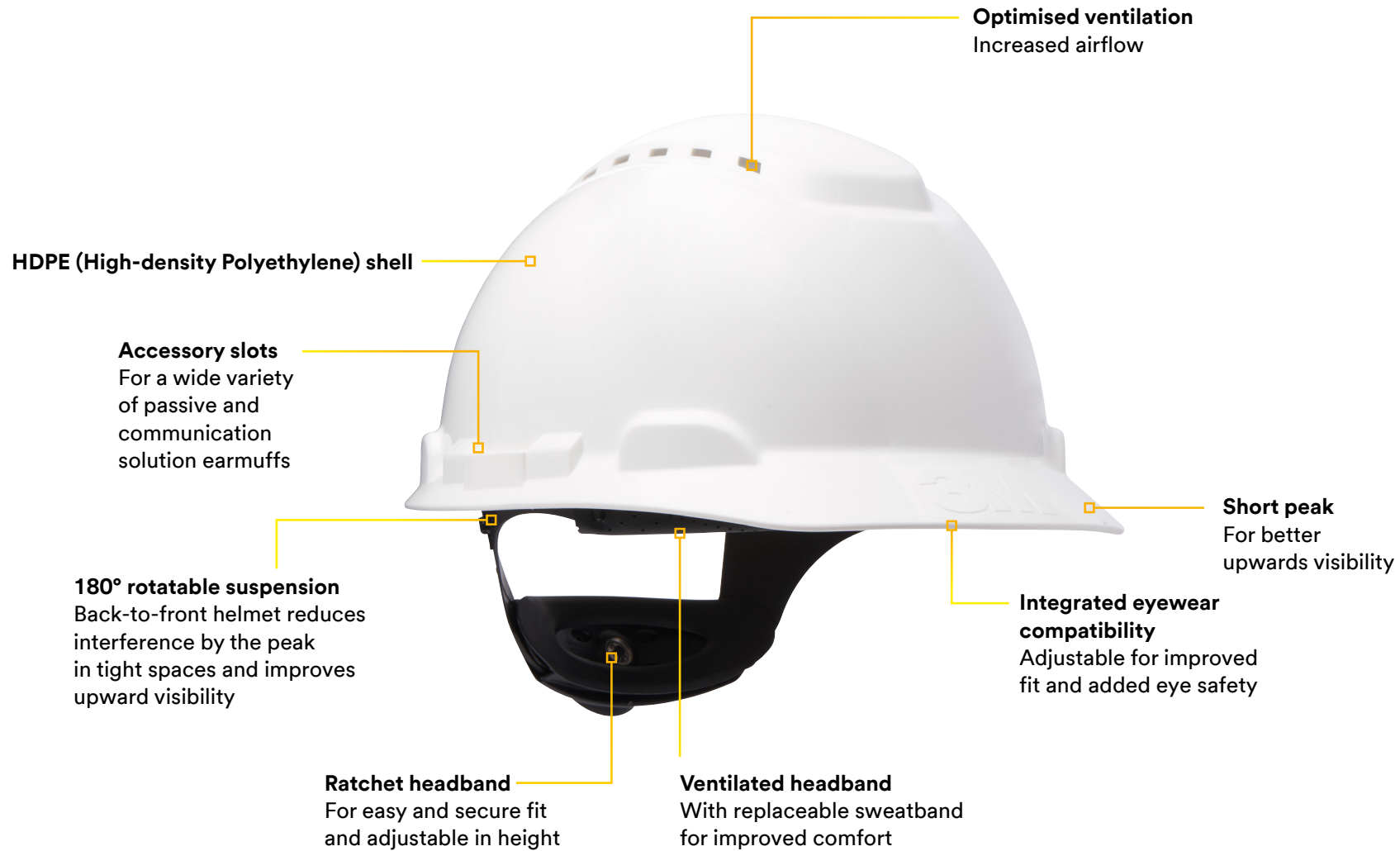
Safety helmet offering exceptional value, quality and reliability

3M™ Safety Helmet H700 Series offers exceptional value featuring plastic sweatbands and ventilated headbands for improved comfort.

- ▶ Replaceable leather or plastic sweatband
- ▶ Helmets meet EN 397:2012+A1:2012 requirements with the suspension rotated through 180° (back to front)
- ▶ Approved for use at -30°C (EN 397:2012+A1:2012)



Features



Technical information

H700



General description	HDPE
CE certificate	EN 397:2012+A1:2012 ✓
Optional tests (EN 397)	-30°C ✓
Features	Material HDPE
	Ventilation ✓
	Harness 180° rotation ✓
	Weight* (shell) (g) 288
	Temperature range for usage -30°C to 50°C
	Recommended maximum product life 5 years

* Average weight of helmet, shell only.

Ordering information

	3M ID	Product ID	Suspension type	Sweatband	Colour	MOQ
3M™ Safety Helmet H700 Series						
	7000104213	H-700N-OR	Ratchet	Plastic	Orange	20
	7000104212	H-700N-RD	Ratchet	Plastic	Red	20
	7000104211	H-700N-GP	Ratchet	Plastic	Green	20
	7000104210	H-700N-BB	Ratchet	Plastic	Blue	20
	7000104209	H-700N-GU	Ratchet	Plastic	Yellow	20
	7000104208	H-700N-VI	Ratchet	Plastic	White	20

Face Protection overview



3M™ Faceshields 5 Series

	5F-11	5E-11	5A-CPF	5XG-IR5	5H
					
General description	Clear	IR5, Green	Chin protection	Gold	Clear
Material	Polycarbonate	Polycarbonate	Acetate	Polycarbonate	Polycarbonate
Average weight (g)	138	140	112	90	82
Thickness	2,0 mm	2,0mm	2,1 mm	1,1 mm	1 mm
Dimensions (mm)	223 x 169	223 x 169	205 x 205	211 x 230	382 x 190
Coating	Anti-fog	Anti-fog	Anti-fog (N)	Anti-scratch	
Standard	EN 166 EN 170	EN 166 EN 169	EN 166 EN 170	EN 166 EN 171	EN 166
Impact energy	B	B	FT	B	F
Welding filter (EN 169)		5			
UV filter (EN 170)	2C-1,2		2-1,2		
IR filter (EN 171)				4-5	
Optical class	1	1	1	1	1
Splash protection (3)	3	3	3		3
Molten metal protection (9)				9	
Typical applications	Metal fabrication, construction, cutting, grinding, splash protection	Foundries, welding assistants, gas cutting	Chemical, oil and gas, splash protection	Foundries, furnace work, sampling, tapping	Metal fabrication, construction, splash protection
Compatibility	Safety helmet G3000 FH1 G3001 FH1 G3501 FH1 X5000VE FH1 X5000V FH1 X5500NVE FH1 X5500V FH1 Faceshield holder H8 ✓ G500 ✓				

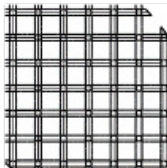
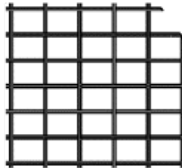
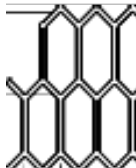
3M™ Faceshields WP and WPAF Series

	WP96	WP98	WPAF1	WPAF2-0
				
General description	Clear	Clear	GS-ET-29 Class 1	GS-ET-29 Class 2
Features	Material	Polycarbonate	Acetate	Polycarbonate
	Average weight (g)	149	97	159
	Thickness	1,9 mm	1,1 mm	2,1 mm
	Dimensions	229 x 263	232 × 378	229 × 263
	Coating			Anti-fog (N)
	Standard	EN 166 EN 170	EN 166 EN 170	EN 166 EN 170 GS-ET-29
	Impact energy	B	F	B
	UV filter (EN 170)	2C-1,2	2C-1,2	2C-1,2
	Optical class	1	1	1
	Splash protection (3)	3	3	3
	Arc flash protection (8)			8-1-0
	Molten metal protection (9)	9		
Typical applications	General industry, metal fabrication, grinding, cutting	Chemical handling, spraying	Maintenance and repairs of electrical transmission and distribution networks in the electrical utilities market, electrical maintenance and repairs in general industry, electrical engineering at construction and civil engineering sites	
Compatibility	Safety helmet		Faceshield holder	
	G3000	FH1	FH1	
	G3001	FH1	FH1	FH1
	G3501	FH1	FH1	FH1
	X5000V	FH1	FH1	
	X5000VE	FH1	FH1	FH1
	X5500NVE	FH1	FH1	FH1
	X5500V	FH1	FH1	
	Headgear			
	H8	✓	✓	
	G500			

3M™ SecureFit™ Short Visors for 3M™ SecureFit™ X5000/X5500 Safety Helmets

	X5-SV01	X5-SV02	X5-SV03																																												
																																															
General description	Short visor clear	Short visor grey	Short visor amber																																												
Material	Polycarbonate	Polycarbonate	Polycarbonate																																												
Average weight (g)	77	77	77																																												
Thickness	2,5 mm	2,5 mm	2,5 mm																																												
Dimensions	136 × 194	136 × 194	136 × 194																																												
Coating	K, N	K, N	K, N																																												
Standard	EN 166 EN 170	EN 166 EN 170	EN 166 EN 170																																												
Impact energy	BT	BT	BT																																												
UV filter (EN 170)	2C-1,2		2C-1,2																																												
Sunglare filter (EN 172)		5-3,1																																													
Optical class	1	1	1																																												
Splash protection (3)																																															
Molten metal protection (9)																																															
Typical applications	General industry, working at height																																														
Compatibility	<table> <tr> <th>Safety helmet</th><th colspan="3">Faceshield holder</th></tr> <tr> <td>G3000</td><td></td><td></td><td></td></tr> <tr> <td>G3001</td><td></td><td></td><td></td></tr> <tr> <td>G3501</td><td></td><td></td><td></td></tr> <tr> <td>X5000V</td><td>✓</td><td>✓</td><td>✓</td></tr> <tr> <td>X5000VE</td><td>✓</td><td>✓</td><td>✓</td></tr> <tr> <td>X5500NVE</td><td>✓</td><td>✓</td><td>✓</td></tr> <tr> <td>X5500V</td><td>✓</td><td>✓</td><td>✓</td></tr> <tr> <td>Headgear</td><td></td><td></td><td></td></tr> <tr> <td>H8</td><td></td><td></td><td></td></tr> <tr> <td>G500</td><td></td><td></td><td></td></tr> </table>			Safety helmet	Faceshield holder			G3000				G3001				G3501				X5000V	✓	✓	✓	X5000VE	✓	✓	✓	X5500NVE	✓	✓	✓	X5500V	✓	✓	✓	Headgear				H8				G500			
Safety helmet	Faceshield holder																																														
G3000																																															
G3001																																															
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X5000V	✓	✓	✓																																												
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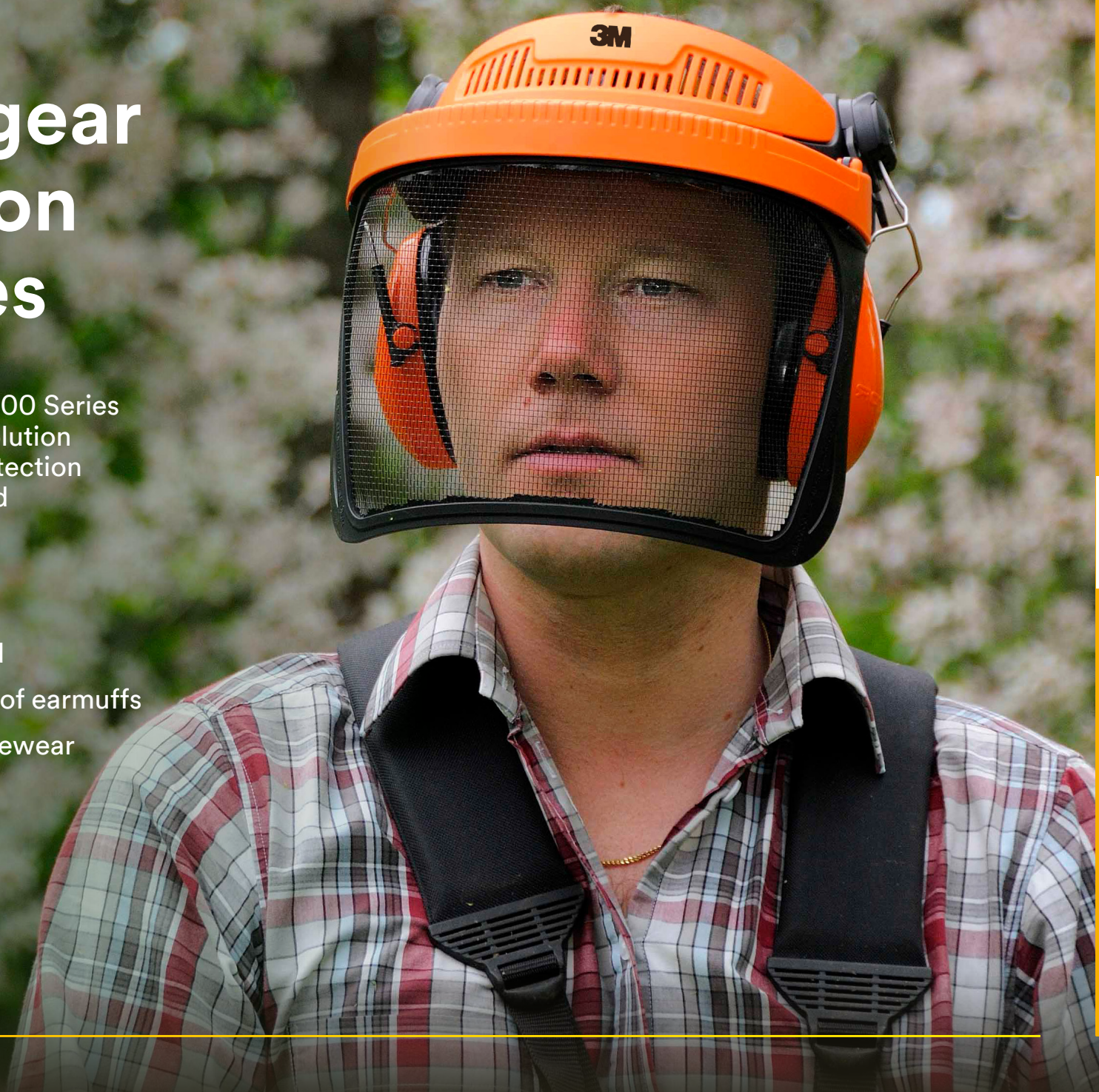
3M™ Faceshield 5-Series: Mesh

		5B	5C-1	5J-1
				
General description	Metal free			
Features	Standard	EN 1731	EN 1731	EN 1731
	Material	Polyamide plastic mesh	Stainless steel mesh	Etched metal mesh
	Average weight (g)	44	52	54
	Aperture	1 × 1	1,8 × 2,5	4 × 1,5
	Wire diameter (mm)	0.3	0.2	
	Thickness (mm)	0.4	0.6	0.2
	Dimensions (mm)	211 × 175 × 333	211 × 175 × 333	211 × 175 × 333
	Light reduction (%)	45	25	18
	Impact energy	F	S	S
Typical applications	Forestry, arboriculture, facilities maintenance			
Compatibility	Safety helmet	Faceshield holder		
	G3000	FH1	FH1	FH1
	G3001	FH1	FH1	FH1
	G3501	FH1	FH1	FH1
	X5000V	FH1	FH1	FH1
	X5000VE	FH1	FH1	FH1
	X5500NVE	FH1	FH1	FH1
	X5500V	FH1	FH1	FH1
	Headgear			
	G500	✓	✓	✓

3M™ Headgear Combination G500 Series

3M™ Headgear Combination G500 Series is a versatile and comfortable solution for use as a standalone face protection system or for combined face and hearing protection.

- ▶ Ratchet suspension for easy size adjustment
- ▶ Replaceable plastic sweatband
- ▶ Compatible with a wide range of earmuffs
- ▶ Compatible with integrated eyewear



Features



Ordering information

	3M ID	Product ID	Description	Faceshield type	Colour	MOQ
3M™ Headgear Combination G500 Series						
	7000038216	3M™ Headgear G500 GU	Industry	-	Yellow	10
	7000104156	3M™ Headgear G500-OR	Forestry	-	Orange	10
	7000103790	3M™ Headgear Combination G500V5CH510-OR	Forestry	5C-1	Orange	12
	7000103820	3M™ Headgear Combination G500V5JH510-OR	Forestry	5J-1	Orange	12
	7100029146	3M™ Headgear Combination G500V5F11H510-GU	Industry	5F-11	Yellow	12
	7100030105	3M™ Headgear Combination G500V5F11-GU (no earmuffs)	Industry	5F-11	Yellow	12

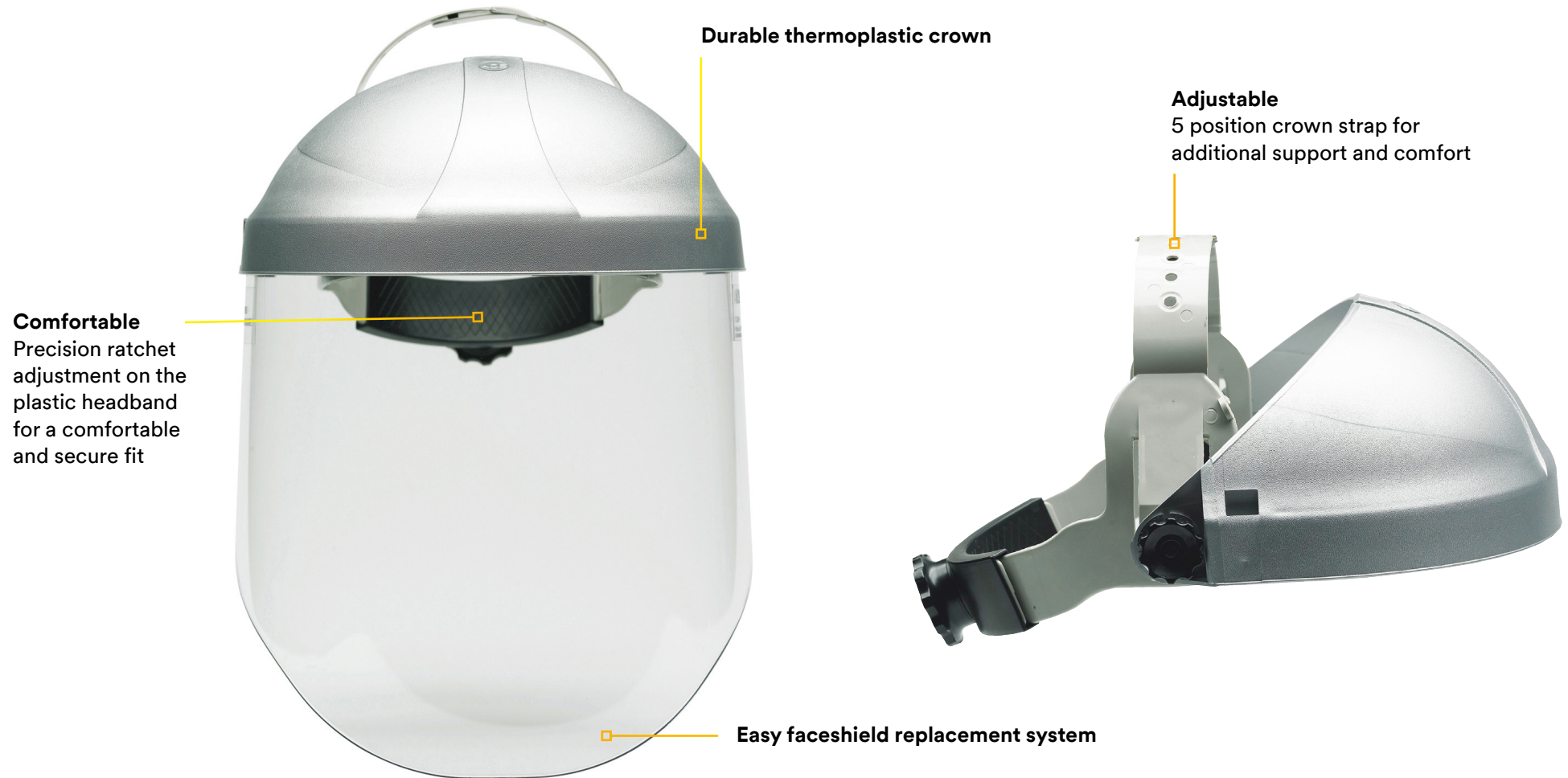
3M™ Headgear H8 Series

Helping to provide reliable face protection

- ▶ Allows quick faceshield replacement
- ▶ Comfortable, snug fit
- ▶ Easy and quick to use



Features



Ordering information

	Name	3M ID	Product ID, short description	MOQ
	3M™ Headgear H8 Series/kits	7000144936	3M™ Headgear H8 Series, Ratchet Headband, 82501-00000CP	10 ea/case
		7000146481	3M™ Headgear Combination Kit H8 and WP96 Faceshield	10 ea/case
		7100016704	3M™ WP96 Clear Polycarbonate Faceshield	10 ea/case
		7000089416	3M™ WP98 Clear Acetate Faceshield	10 ea/case
		7100322647	3M™ 5A-CPF Clear Acetate Faceshield, chin protection	10 ea/case

3M™ Forestry Combinations

3M™ provides a range of versatile and comfortable forestry protective combinations designed to offer comprehensive head and face protection for forestry applications.

- ▶ Includes 3M™ SecureFit™ Safety Helmet X5500 Series or 3M™ Safety Helmet G3000 Series
- ▶ 3M™ SecureFit™ ratchet suspension on selected models
- ▶ Wide hearing protection range with 3M™ PELTOR™ H31, 3M™ PELTOR™ Optime™ II, 3M™ PELTOR™ X4 Earmuffs or 3M™ PELTOR™ WS™ ALERT™ XPI Communication sets
- ▶ Diverse range of mesh faceshields including polyamide, stainless steel and etched metal materials
- ▶ Rainshields on selected models
- ▶ All-in-the-box combinations



Ordering information

	3M ID	Product ID	Safety helmet	Suspension type	Sweatband	Colour	Earmuff/ comms	Faceshield	Rainshield	MOQ
3M™ Safety Helmet G3000 Series with 3M™ PELTOR™ H31 earmuffs and etched, stainless steel or polyamide faceshields										
 Shown with rainshield	7100330454	G3000NOR31FH15C HELMET COMBINATION	G3000	Ratchet	Plastic	Orange	H31	5C – Stainless steel	Yes	10
	7100330918	G3000NOR31FH15J931 Helmet Comb 10/CS	G3000	Ratchet	Plastic	Orange	H31	5J – Etched metal	Yes	10
3M™ Safety Helmet G3000 Series with 3M™ PELTOR™ Optime™ II earmuffs and etched or polyamide faceshields										
	7100330920	G3000MOR52FH15J HELM COMB 10/CS	G3000	Ratchet	Leather	Orange	Optime II	5J – Etched metal	No	10
	7100329868	G3000MOR52FH15B HELMET COMBINATION	G3000	Ratchet	Leather	Orange	Optime II	5B – Polyamide	No	10
3M™ SecureFit™ Safety Helmet X5500 Series with 3M™ PELTOR™ WS™ ALERT™ XPI Communication set										
	7100330456	X5507VMRFXH15J-CE Forestry Kit 4/CS	X5500	3M™ SecureFit™ Ratchet	Plastic	Orange	WS ALERT XPI	5J – Etched metal	Yes	4
3M™ SecureFit™ Safety Helmet X5500 Series with 3M™ PELTOR™ X4 Earmuffs										
	7100330330	X5507VX4FH15J-CE, Forestry Kit 4/CS	X5500	3M™ SecureFit™ Ratchet	Plastic	Orange	X4	5J – Etched metal	Yes	4

3M Safety Helmet Mounted Eye and Face Protection



*Only tested and certified with 3M™ High Heat Safety Helmet G3501 Series. **WPAF series approved for use only with 3M electrically insulated helmets. For more information please consult the Technical Datasheet.
 Note: Where no helmet mounted earmuffs are required, 3M™ P3E Adapter should be used (7100246136)

3M Headgear Mounted Eye and Face Protection



Head and Face Protection accessories

			Compatibility						
Accessory	Code	SKU	3M™ SecureFit™ X5000 Safety Helmet	3M™ SecureFit™ X5500 Safety Helmet	3M™ Safety Helmet G3000 Series	3M™ High Heat Safety Helmet G3501 Series	3M™ Safety Helmet H700 Series	3M™ Headgear Combination G500 Series	3M™ Headgear H8 Series
Headbands, sweatbands and straps									
	X5-4PTSUS	7100180682		✓					
	X5-6PTSUS	7100180703	✓	✓					
	X5-6PTSTRAP	7100180681	✓	✓					
	X5-S4PTCS1	7100175586		✓					
	X5-P4PTCS1	7100175588		✓ (not NVE models)					
	X5-S4PTCS2	7100175587	✓						
	X5-P4PTCS2	7100175589	✓ (not VE models)						
	GH1	7100148985			✓				
	GH4	7000108175			✓	✓			
	GH7	7100011265					✓		
	G2C	7100002034			✓		✓		
	G2D	7000107940			✓	✓	✓		
	G2M	71000108174			✓	✓	✓		
	G2N	7100002021			✓		✓		
	X5-SWBD01	7100180680	✓	✓					
	HYG3	7000108029			✓		✓		
	HYG4	7000108030			✓	✓	✓		
	HYG50	7000103789						✓	
	TCS2	7100247316	✓	✓	✓	✓	✓		

Head and Face Protection accessories (continued)

			Compatibility							
Accessory	Code	SKU	3M™ SecureFit™ X5000 Safety Helmet	3M™ SecureFit™ X5500 Safety Helmet	3M™ Safety Helmet G3000 Series	3M™ High Heat Safety Helmet G3501 Series	3M™ Safety Helmet H700 Series	3M™ Headgear Combination G500 Series	3M™ Headgear H8 Series	
Faceshields and holders, integrated eyewear and short visors										
	FH1	7100290153	✓	✓	✓	✓				
	5E-11	7000103788	✓	✓	✓	✓		✓		
	5F-11	7100029680	✓	✓	✓	✓		✓		
	5A-CPF	7100322647	✓	✓	✓	✓				
	5H	7100327037	✓	✓	✓	✓				
	WP96	7100016704	✓	✓	✓	✓			✓	
	WP98	7000089416	✓	✓	✓	✓			✓	
WPAF1 Electric Arc Faceshield	WPAF1	7100316554	✓	✓	✓	✓	✓			
WPAF2-0 Electric Arc Faceshield	WPAF2-0	7100290670	✓	✓	✓	✓	✓			
	5B	7000103791	✓	✓	✓	✓		✓		
	5C-1	7000103792	✓	✓	✓	✓		✓		
	5J-1	7000103793	✓	✓	✓	✓		✓		
	5XG-IR5	7100082482				✓				
	X5-SV01-CE	7100176840	✓	✓						
	X5-SV02-CE	7100176972	✓	✓						
	X5-SV03-CE	7100176968	✓	✓						
	V9C	7100092589	✓	✓	✓	✓	✓	✓		
	V9A	7100092588	✓	✓	✓	✓	✓	✓		
	V9G	7100092586	✓	✓	✓	✓	✓	✓		
Helmet covers										
	FC1-AL	7100082486				✓				
	NC1-AL	7100082484				✓				
	SC1-AL	7100224833				✓				
	FC2-AL	7100229734				✓				

Head and Face Protection accessories (continued)

Accessory	Code	SKU	Compatibility						
			3M™ SecureFit™ X5000 Safety Helmet	3M™ SecureFit™ X5500 Safety Helmet	3M™ Safety Helmet G3000 Series	3M™ High Heat Safety Helmet G3501 Series	3M™ Safety Helmet H700 Series	3M™ Headgear Combination G500 Series	3M™ Headgear H8 Series
	NC1-GR	7100082483				✓			
	FC1-GR	7100082485				✓			
	NC2-AL	7100140750				✓			
Other accessories									
	X5-REFKIT	7100175590	✓ (not VE models)	✓ (not NVE models)					
	X5- LAMPHLDR	7100232855	✓	✓	✓	✓			
	GR3C	7000107956	✓	✓	✓	✓	✓		
	X5-UVSHVYLW	7100256707	✓	✓	✓	✓	✓		
	CLIP-KIT	7100249130			✓	✓			
Approved carrier combinations:									
	P3E	7100246136	✓	✓	✓	✓			
	X1P3 (Green)	7000103988	✓	✓	✓	✓	✓	✓	
	X2P3 (Yellow)	7000103990	✓	✓	✓	✓	✓	✓	
	X2P3E-OR (Orange)	7100326939	✓	✓	✓	✓	✓	✓	
	X3P3E (Red)	7000103992	✓	✓	✓	✓	✓	✓	
	X4P3 (Hi-Viz)	7000103994	✓	✓	✓	✓	✓	✓	
	X4P3E-OR (Orange)	7100326938	✓	✓	✓	✓	✓	✓	
	X5P3E (Black)	7000103996	✓	✓	✓	✓	✓	✓	
	X1P5E (Green)	7100095526			✓	✓		✓	
	X2P5E (Yellow)	7100095525			✓	✓		✓	
	X3P5E (Red)	7100095553			✓	✓		✓	
	X4P5E (Bright green)	7100095551			✓	✓		✓	

If dielectric performance is required then please consider P5 attachable X Series models. For more detailed on approved carrier combinations, please refer to individual Technical Datasheets.

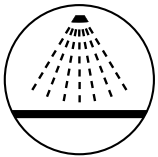
Head and Face Protection accessories (continued)

			Compatibility							
Accessory	Code	SKU	3M™ SecureFit™ X5000 Safety Helmet	3M™ SecureFit™ X5500 Safety Helmet	3M™ Safety Helmet G3000 Series	3M™ High Heat Safety Helmet G3501 Series	3M™ Safety Helmet H700 Series	3M™ Headgear Combination G500 Series	3M™ Headgear H8 Series	
Approved carrier combinations:										
	X5P5E (Black)	7100095550			✓	✓		✓		
	H510P3E-405-GU (Yellow)	7000039617	✓ (S/M/L)	✓ (S/M/L)	✓ (M/L)	✓ (S/M/L)	✓ (M/L)	✓ (M/L)		
	H520P3E-410-GQ (Green)	7000039621	✓ (S/M/L)	✓ (S/M/L)	✓ (M/L)	✓ (M/L)	✓ (L)	✓ (S/M/L)		
	H520P3E-467-GB (hi-vis)	7000038210								
	H540P3E-413-SV (Black/Red)	7000039624	✓ (M/L)	✓ (M/L)	✓ (M/L)	✓ (M/L)	✓ (L)	✓ (M/L)		
	H540P3E-475-GB (hi-viz)	7000038212								
	H31P3E-300 (Orange)	7000107754	✓	✓	✓	✓	✓	✓		

If dielectric performance is required then please consider P5 attachable X Series models. For more detailed on approved carrier combinations, please refer to individual Technical Datasheets.

Protection and solutions

A helmet's service-life is affected by three main factors:



Chemical splashes
Typically easy to see



Physical damages
Typically easy to see



UV-exposure
Typically very difficult to see

ABS vs. HDPE material characteristics



ABS: Acrylonitrile butadiene styrene

- ▶ Harder and more form-stable than HDPE
- ▶ More scratch resistant
- ▶ Easier to print onto



HDPE: High-density polyethylene

- ▶ HDPE is a softer material than ABS and more sensitive to surface scratches, often leading to earlier replacement
- ▶ More cost effective

3M™ Uvicator™ sensor

For safer outside work environments

- ▶ Indicates the UV light exposure
- ▶ Works in all environments
- ▶ Technically calibrated and tested
- ▶ Tells you when to replace the helmet due to UV exposure

3M™ Uvicator™ progression



Certifications

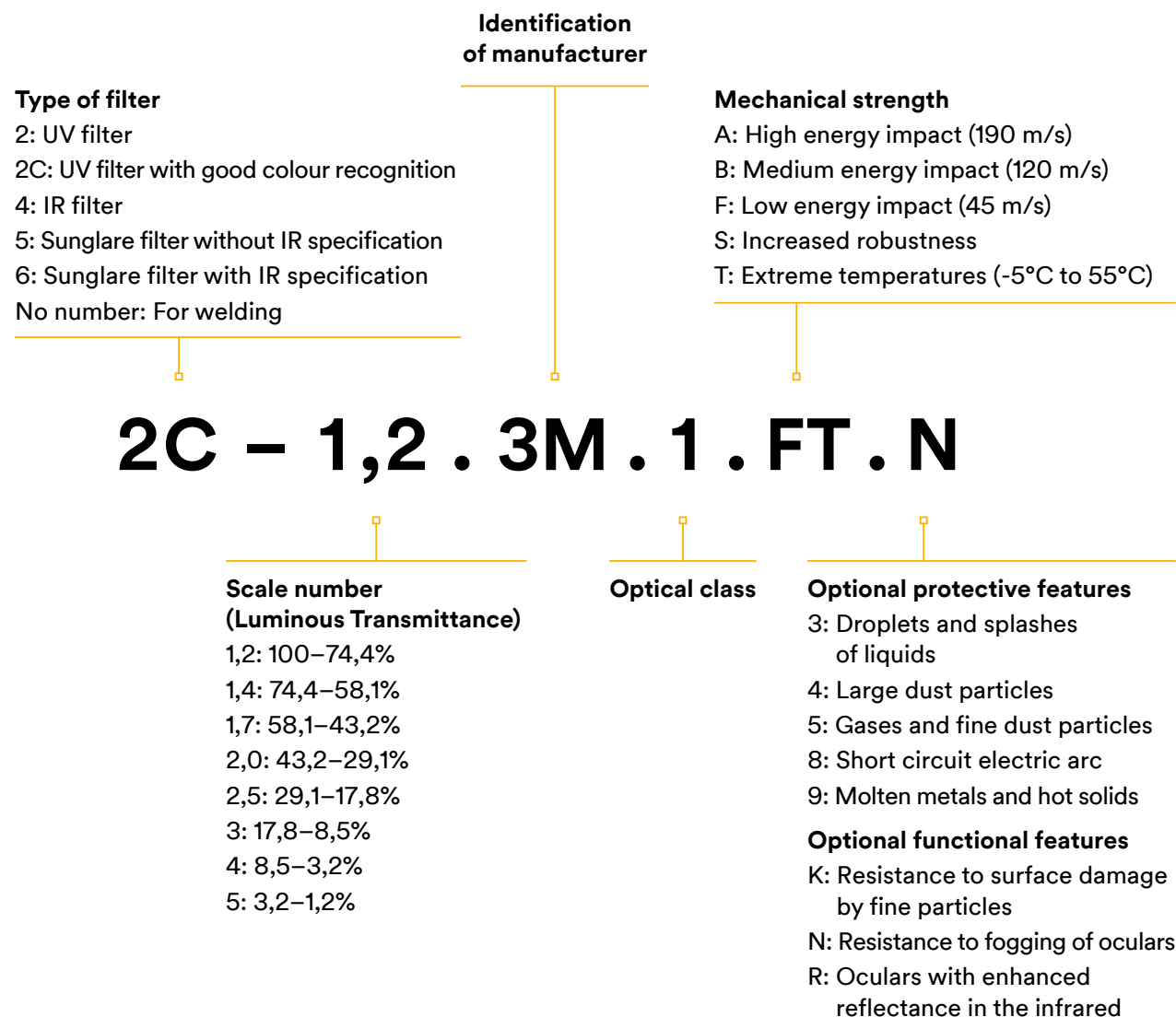
Safety helmets

- ▶ EN 397:2012+A1:2012: Industrial safety helmet
- ▶ EN 50365:2002: Electrically insulating helmets for use on low voltage installations
- ▶ EN 12492:2012: Helmets for mountaineers, safety requirements and test method

Faceshields

- ▶ EN 166:2001: Personal eye-protection – specifications
- ▶ EN 169:2002: Personal eye-protection – filters for welding and related techniques – transmittance requirements and recommended use
- ▶ EN 170:2002: Personal eye-protection – ultraviolet filters – transmittance requirements and recommended use
- ▶ EN 171:2002: Personal eye-protection – infrared filters – transmittance requirements and recommended use
- ▶ EN 172:1994: as amended by EN 172:1994/A1:2000 and EN 172:1994/A2:2001
Personal eye protection – sunglare filters for industrial use
- ▶ EN 1731:2006: Personal eye protection – mesh eye and face protectors

Lens markings



These markings are showing general terms that can be seen on lens and/or frame. This information is for simplification purposes.

Important notice

Product selection and use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable national and/or European regulations and standards. Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, limited remedy, and disclaimer: A limitation of liability applies to the 3M product(s). For warranty statement and limitation of liability, refer to your supply agreement or the 3M terms and conditions of sale.

3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use.

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