







A worker wearing a white 3M hard hat with a headlamp, safety glasses, a white respirator mask, a dark blue 3M work jacket, and white 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

# Contents

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	<b>3M™ SecureFit™ Safety Helmet X5000/X5500 Series</b>	<b>3</b>		<b>3M™ Headgear Combination G500 Series</b>	<b>25</b>
	Features	4		Features	26
	Technical information	5		Ordering information	27
	Ordering information	6		<hr/>	
	<b>3M™ Safety Helmet G3000 Series</b>	<b>7</b>		<b>3M™ Headgear H8 Series</b>	<b>28</b>
	Features	8		Features	29
	Technical information	9		Ordering information	27
	Ordering information	10		<hr/>	
	<b>3M™ High Heat Safety Helmet G3501 Series</b>	<b>12</b>		<b>3M™ Forestry Combinations</b>	<b>31</b>
	Features	13		Ordering information	32
	Technical information	14		<hr/>	
	Ordering information	15		<b>Configuration</b>	
	<b>3M™ Safety Helmet H700 Series</b>	<b>16</b>	3M™ Safety Helmet Mounted Eye and Face Protection	33	
	Features	17	3M™ Headgear Mounted Eye and Face Protection	34	
	Technical information	18	Head and Face Protection accessories	35	
	Ordering information	19	<hr/>		
	<b>Face Protection overview</b>	<b>20</b>	<b>Additional information</b>		
	3M™ Faceshields 5 Series	21	Protection and solutions	39	
	3M™ Faceshields WP and WPAF Series	22	ABS (Acrylonitrile Butadiene Styrene) vs. HDPE (High-density Polyethylene) material characteristics	39	
	3M™ SecureFit™ Short Visors for 3M™ SecureFit™ X5000/X5500 Safety Helmets	23	3M™ Uvicator™ sensor	39	
	3M™ Faceshield 5-Series: Mesh	24	Certifications	40	
			Lens markings	40	

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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



**Optional ventilation**  
Vented models have vents on sides and back allowing increased airflow

**3M™ Uvicator™ Technology**  
Patented technology indicator that lets the wearer know when to replace helmet due to UV exposure

**Goggle/headlamp clips**  
Help hold elastic bands used with 3M™ Goggles and headlamps

**Shell**  
UV stabilised ABS

**Accessory slots**  
Designed to hold a variety of 3M earmuffs and communication products

**Reflective options**  
Models available with reflective strips

**Removable sweatband**  
Can be removed and washed or replaced

**EN Standard selector**  
4-point chin strap selector system allows wearer to convert between EN 12492 and EN 397 standards (X5000 models only)\*

**3M™ Pressure Diffusion Technology**  
Patented technology reduces forehead pressure by 20% on average compared to 3M™ conventional helmets

**Space for company logo**  
A surface for printing a company name or logotype

**Ratchet suspension**  
Smooth, easy-turning ratchet suspension system sits low on the head for greater comfort and security

**Integrated eyewear compatibility**  
Adjustable for improved fit and added eye safety

**Buckle options**  
X5000 helmets are delivered with adjustable 4 point chinstrap. Metal-free plastic buckle on X5000VE to comply with 1000V approval and premium magnetic buckle delivered with the X5000V helmets

**X5500: 4-point suspension**  
**X5000: 6-point suspension and foam insert**

**Electrically insulated**  
1000V electrical insulation in accordance with EN 50365:2002 (X5000VE and X5500NVE models only)

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

## Helmet options



X5000V



X5000VE







X5500V




X5500NVE


# Technical information


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


\* Average weight of helmet, shell only.

# Ordering information

	3M ID	Product ID	Suspension type	Colour	MOQ
<b>3M™ SecureFit™ Safety Helmet X5000: Mountaineering style (EN 12492), vented, reflective strips</b>					
	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 ID	Product ID	Suspension type	Colour	MOQ
<b>3M™ SecureFit™ Safety Helmet X5000: Electrically insulated (EN 50365), vented</b>					
	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
<b>3M™ SecureFit™ Safety Helmet X5500: non-vented, electrically insulated (EN 50365)</b>					
	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 ID	Product ID	Suspension type	Colour	MOQ
<b>3M™ SecureFit™ Safety Helmet X5500: vented</b>					
	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

## Short peak

Gives improved upwards visibility

## Integrated eyewear compatibility

Adjustable for improved fit and added eye safety

## Shell

UV stabilised ABS

## 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

## Helmet options



G3000-10 with lamp holder and cable holder



G3001, Unvented and electrically insulated



G3000 designed with reflective strips

## Electrically insulated

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



# Technical information



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

\* Average weight of helmet, shell only.

# Ordering information

3M ID	Product ID	Suspension type	Sweatband	Colour	MOQ
<b>3M™ G3000 Safety Helmet, ventilated</b>					
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
<b>3M™ G3000-10 Safety Helmet, ventilated, lampholder and cable holder</b>					
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
<b>3M™ G3000 Safety Helmet, ventilated, designed with reflective strips</b>					
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
<b>3M™ G3001 Safety Helmet, non-ventilated, 1000V electrically insulated (EN 50365)</b>					
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



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

\* Average weight of helmet, shell only.

# Ordering information

	3M ID	Product ID	Suspension type	Sweatband	Colour	MOQ
<b>3M™ High Heat Safety Helmet G3501 Series, electrically insulated (EN 50365)</b>						
	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**

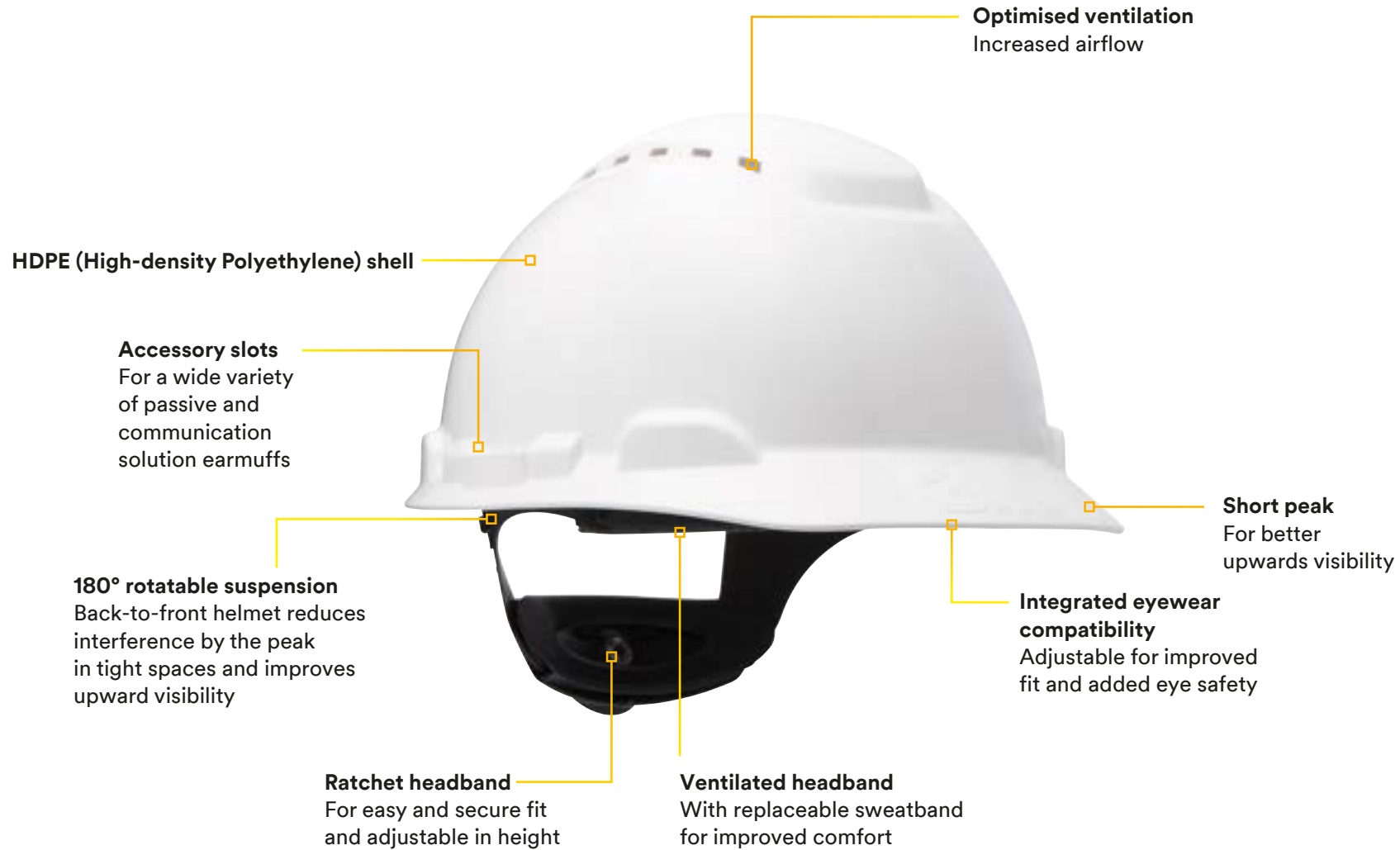
3M™ Safety Helmet H700 Series offers exceptional value featuring plastic sweatbands and ventilated headbands for improved comfort.

- ▶ 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



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

\* Average weight of helmet, shell only.

# Ordering information

	3M ID	Product ID	Suspension type	Sweatband	Colour	MOQ
<b>3M™ Safety Helmet H700 Series</b>						
	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
<b>General description</b>	Clear	IR5, Green	Chin protection	Gold	Clear
<b>Material</b>	Polycarbonate	Polycarbonate	Acetate	Polycarbonate	Polycarbonate
<b>Average weight (g)</b>	138	140	112	90	82
<b>Thickness</b>	2,0 mm	2,0mm	1,1 mm	1,1 mm	1 mm
<b>Dimensions (mm)</b>	223 x 169	223 x 169	205 x 205	211 x 230	382 x 190
<b>Coating</b>	Anti-fog	Anti-fog	Anti-fog (N)	Anti-scratch	
<b>Standard</b>	EN 166 EN 170	EN 166 EN 169	EN 166 EN 170	EN 166 EN 171	EN 166
<b>Impact energy</b>	B	B	FT	B	F
<b>Welding filter (EN 169)</b>		5			
<b>UV filter (EN 170)</b>	2C-1,2		2-1,2		
<b>IR filter (EN 171)</b>				4-5	
<b>Optical class</b>	1	1	1	1	1
<b>Splash protection (3)</b>	3	3	3		3
<b>Molten metal protection (9)</b>				9	
<b>Typical applications</b>	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
<b>Safety helmet</b>	<b>Faceshield holder</b>				
<b>G3000</b>	FH1	FH1	FH1		FH1
<b>G3001</b>	FH1	FH1	FH1		FH1
<b>G3501</b>	FH1	FH1	FH1	FH1	FH1
<b>X5000VE</b>	FH1	FH1	FH1		FH1
<b>X5000V</b>	FH1	FH1	FH1		FH1
<b>X5500NVE</b>	FH1	FH1	FH1		FH1
<b>X5500V</b>	FH1	FH1	FH1		FH1
<b>Headgear</b>					
<b>H8</b>			✓		
<b>G500</b>	✓	✓			

# 3M™ Faceshields WP and WPAF Series



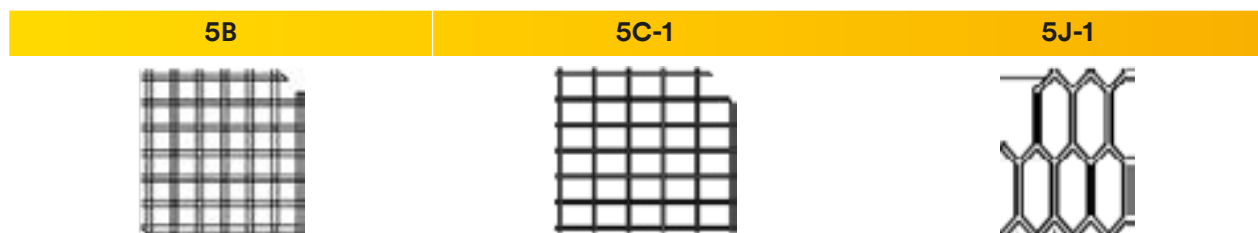
	WP96	WP98	WPAF1	WPAF2-0
<b>General description</b>	Clear	Clear	GS-ET-29 Class 1	GS-ET-29 Class 2
<b>Material</b>	Polycarbonate	Acetate	Polycarbonate	Polycarbonate
<b>Average weight (g)</b>	149	97	159	253
<b>Thickness</b>	1,9 mm	1,1 mm	1,8 mm	1,8 mm
<b>Dimensions</b>	229 x 263	232 x 378	229 x 263	229 x 263
<b>Coating</b>			Anti-fog (N)	Anti-fog (N)
<b>Standard</b>	EN 166 EN 170	EN 166 EN 170	EN 166 EN 170 GS-ET-29	EN 166 EN 170 GS-ET-29
<b>Impact energy</b>	B	F	B	B
<b>UV filter (EN 170)</b>	2C-1,2	2C-1,2	2C-1,2	2C-1,4
<b>Optical class</b>	1	1	1	1
<b>Splash protection (3)</b>	3	3	3	3
<b>Arc flash protection (8)</b>			8-1-0	8-2-1
<b>Molten metal protection (9)</b>	9			
<b>Typical applications</b>	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	
<b>Compatibility</b>	<b>Safety helmet</b>		<b>Faceshield holder</b>	
	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	
	<b>Headgear</b>			
	H8	✓	✓	
	G500			

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



General description	Short visor clear	Short visor grey	Short visor amber	
Features	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	Safety helmet	Faceshield holder		
	G3000			
	G3001			
	G3501			
	X5000V	✓	✓	✓
	X5000VE	✓	✓	✓
	X5500NVE	✓	✓	✓
	X5500V	✓	✓	✓
	Headgear			
	H8			
	G500			

# 3M™ Faceshield 5-Series: Mesh



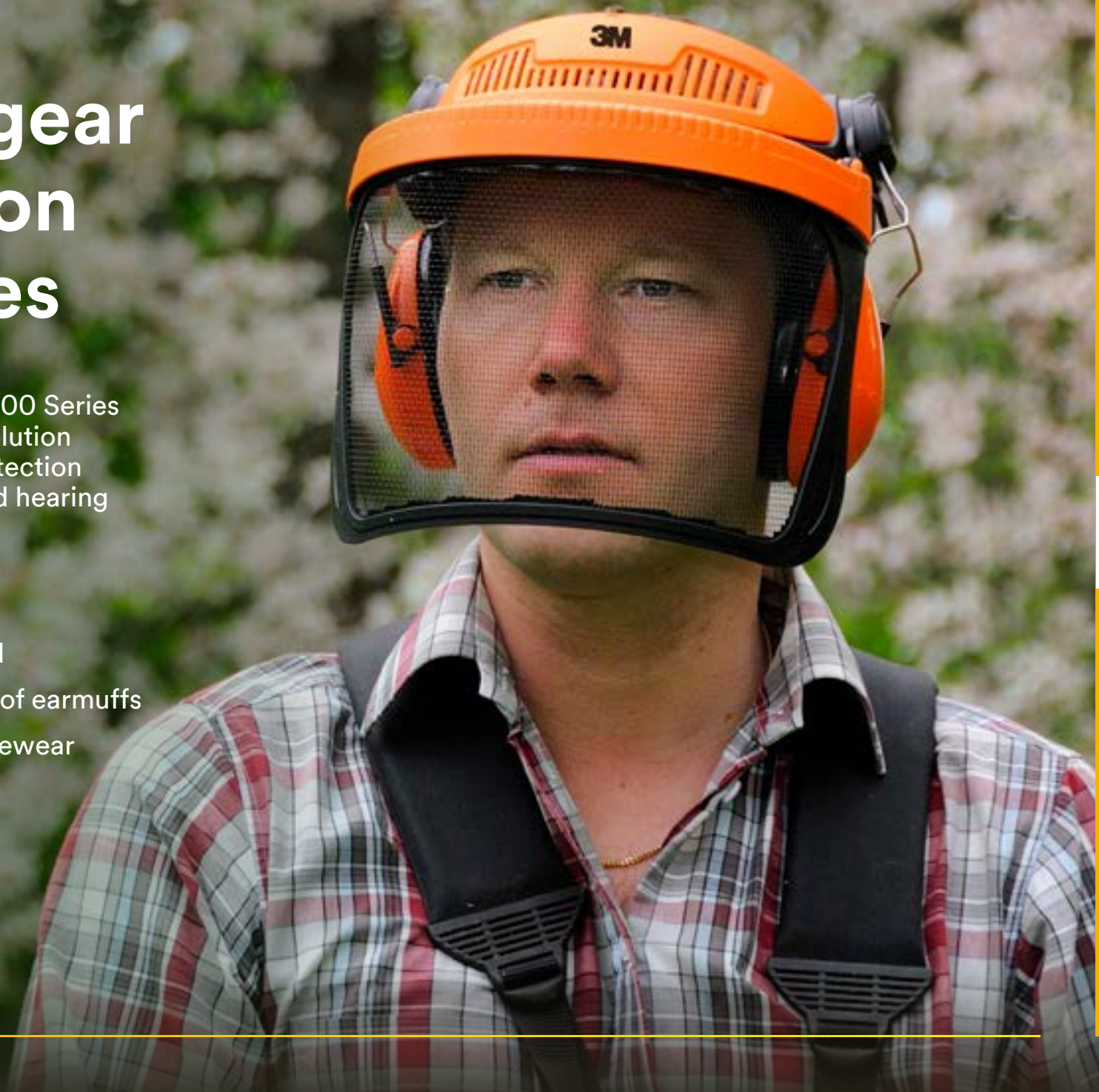
General description		Metal free			
Features	Standard	EN 1731	EN 1731	EN 1731	
	Material	Polyamide plastic mesh	Stainless steel mesh	Etched metal mesh	
	Average weight (g)	44	52	54	
	Aperture	1 × 1	1,8 × 2,5	4 × 1,5	
	Wire diameter (mm)	0.3	0.2		
	Thickness (mm)	0.4	0.6	0.2	
	Dimensions (mm)	211 × 175 × 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
<b>3M™ Headgear Combination G500 Series</b>						
	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 G500V5F11H510-GU	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

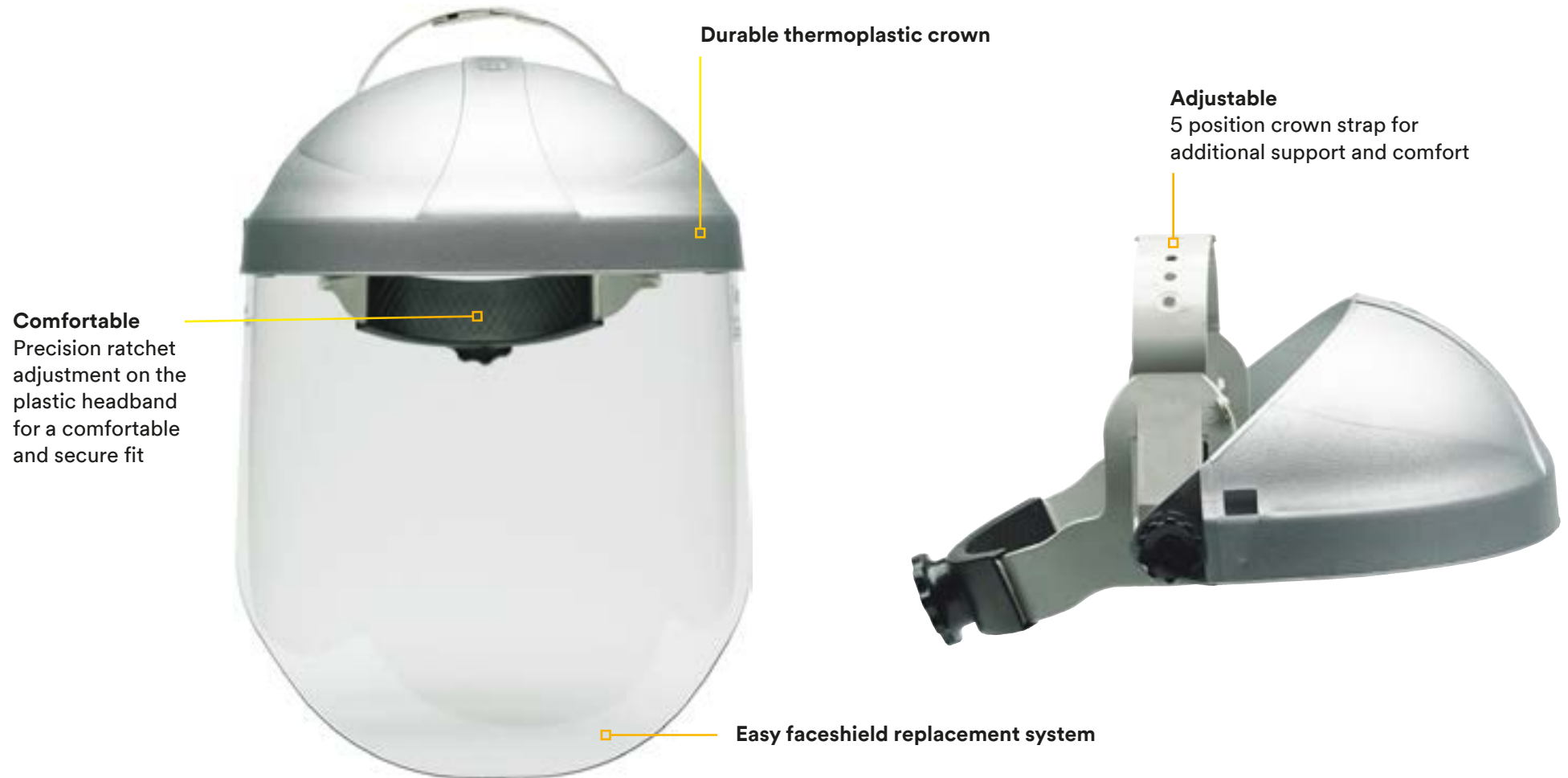
Helping to provide reliable face protection

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




# Features

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# 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

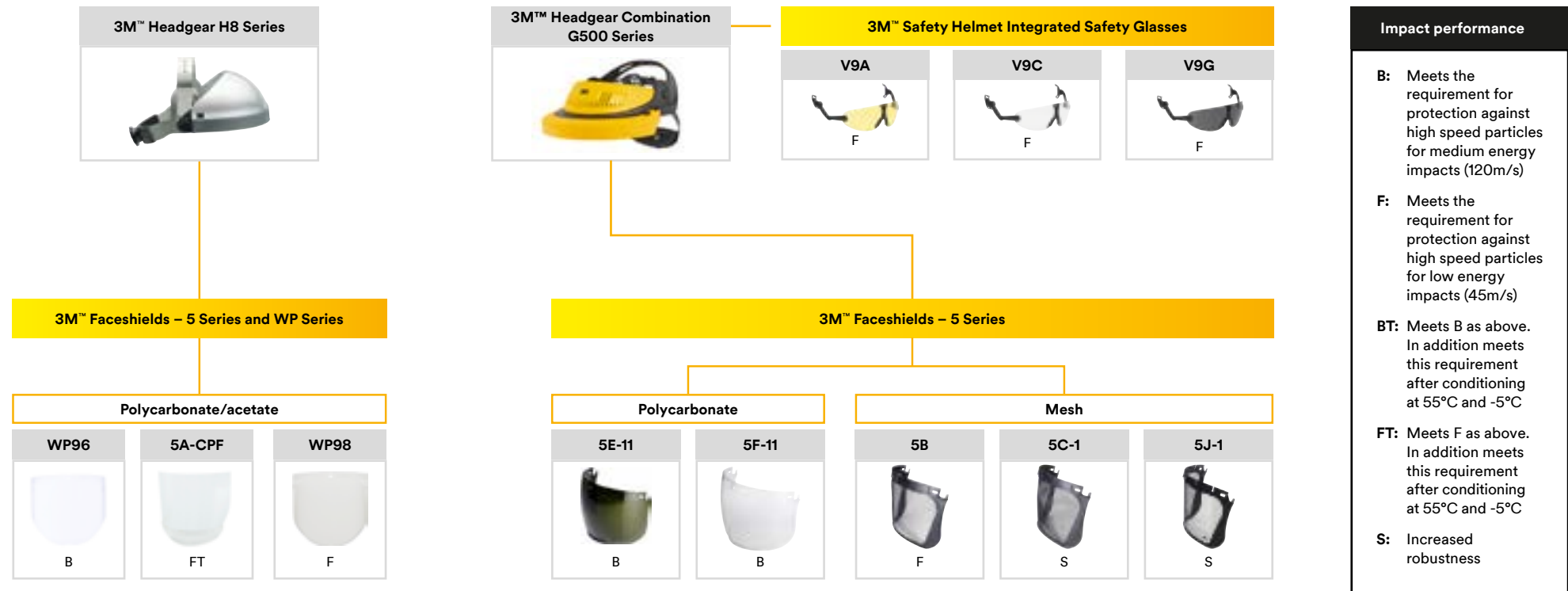
	3M ID	Product ID	Safety helmet	Suspension type	Sweatband	Colour	Earmuff/comms	Faceshield	Rainshield	MOQ
<b>3M™ Safety Helmet G3000 Series with 3M™ PELTOR™ H31 earmuffs and etched, stainless steel or polyamide faceshields</b>										
 <p>Shown with rainshield</p>	7100330454	G3000NOR31FH15C HELMET COMBINATION	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
	7100330917	G3000MOR31FH15J FPA Helmet Comb 10/CV	G3000	Ratchet	Leather	Orange	H31	5J – Etched metal	No	10
	7100331153	G3000MOR31FH15C FPA HELMET COMB 10/CV	G3000	Ratchet	Leather	Orange	H31	5C – Stainless steel	No	10
	7100330455	G3000MOR31FH15B FPA HELMET COMBINATION	G3000	Ratchet	Leather	Orange	H31	5B – Polyamide	No	10
<b>3M™ Safety Helmet G3000 Series with 3M™ PELTOR™ Optime™ II earmuffs and etched or polyamide faceshields</b>										
	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
<b>3M™ SecureFit™ Safety Helmet X5500 Series with 3M™ PELTOR™ WS™ ALERT™ XPI Communication set</b>										
	7100330456	X5507VMRxFH15J-CE Forestry Kit 4/CS	X5500	3M™ SecureFit™ Ratchet	Plastic	Orange	WS ALERT XPI	5J – Etched metal	Yes	4
<b>3M™ SecureFit™ Safety Helmet X5500 Series with 3M™ PELTOR™ X4 Earmuffs</b>										
	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

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
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)

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
<b>Faceshields and holders, integrated eyewear and short visors</b>									
	FH1	7100290153	✓	✓	✓	✓			
	5E-11	7000103788	✓	✓	✓	✓		✓	
	5F-11	7100029680	✓	✓	✓	✓		✓	
	5A-CPF	7100322647	✓	✓	✓	✓			
	5H	7100327037	✓	✓	✓	✓			
	WP96	7100016704	✓	✓	✓	✓		✓	
	WP98	7000089416	✓	✓	✓	✓		✓	
	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	✓	✓	✓	✓	✓	✓	
<b>Helmet covers</b>									
	FC1-AL	7100082486				✓			
	NC1-AL	7100082484				✓			
	SC1-AL	7100224833				✓			
	FC2-AL	7100229734				✓			
	NC1-GR	7100082483				✓			
	FC1-GR	7100082485				✓			
	NC2-AL	7100140750				✓			

# 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
<b>Other accessories</b>									
	X5-REFKIT	7100175590	✓ (not VE models)	✓ (not NVE models)					
	X5-LAMPHLDR	7100232855	✓	✓	✓	✓			
	GR3C	7000107956	✓	✓	✓	✓		✓	
	X5-UVSHVYLW	7100256707	✓	✓	✓	✓		✓	
	CLIP-KIT	7100249130			✓	✓			
<b>Approved carrier combinations:</b>									
	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			✓	✓			✓
	X5P5E (Black)	7100095550			✓	✓			✓

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)

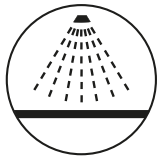
Accessory	Code	SKU	Compatibility						
			3M™ SecureFit™ X5000 Safety Helmet	3M™ SecureFit™ X5500 Safety Helmet	3M™ Safety Helmet G3000 Series	3M™ High Heat Safety Helmet G3501 Series	3M™ Safety Helmet H700 Series	3M™ Headgear Combination G500 Series	3M™ Headgear H8 Series
<b>Approved carrier combinations:</b>									
	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

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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

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**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

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**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

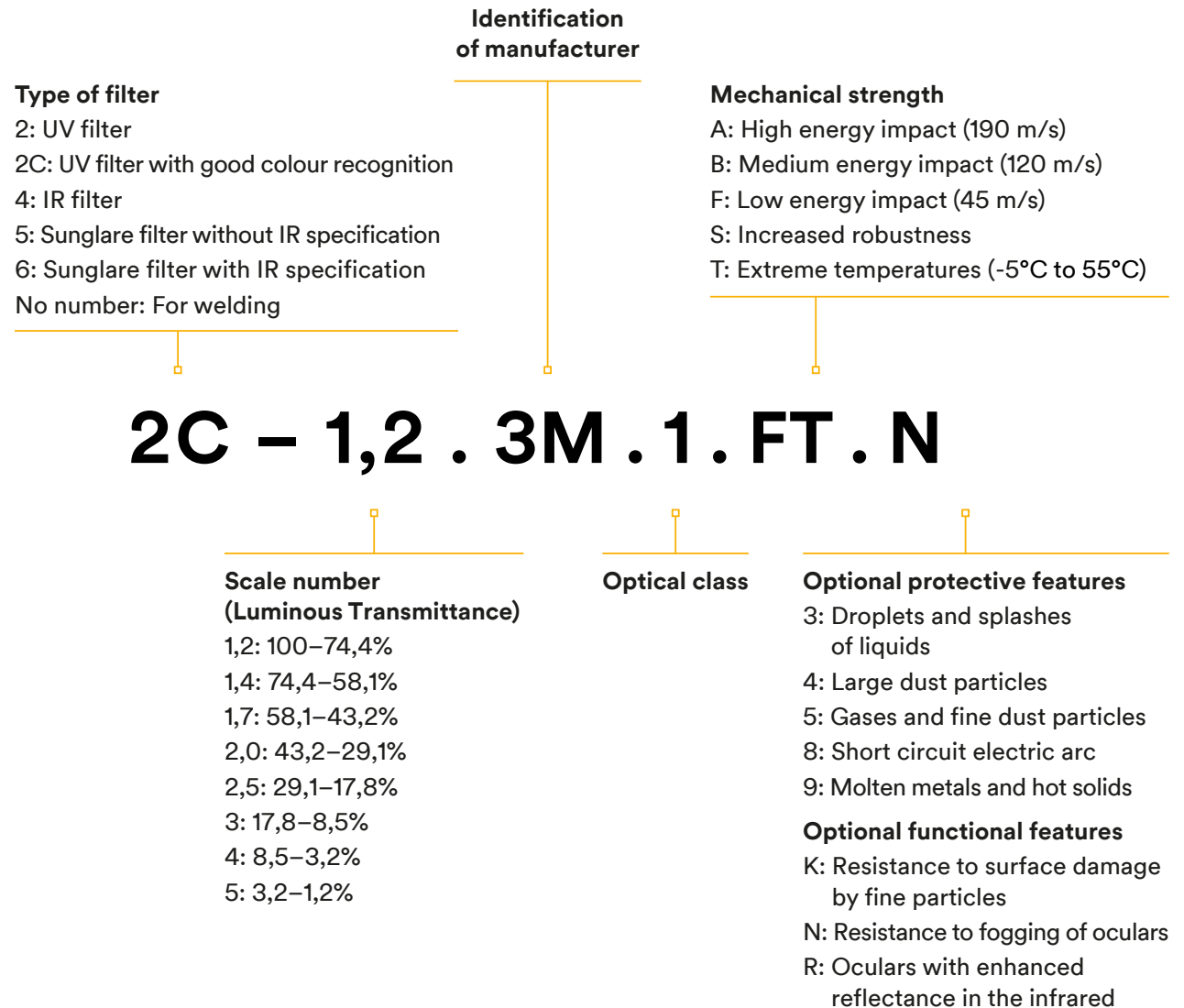
## Safety helmets

- ▶ 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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