







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 wall with vertical panels. 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



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 | |
|------------------------------------|--|---|---|---|-------------------|
| |  |  |  |  | |
| 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 | UV stabilised ABS |
| | Ventilation | ✓ | ✓ | ✓ | |
| | Weight* (shell) (g) | 363 | 363 | 298 | 283 |
| | 3M™ Uvicator™ | ✓ | ✓ | ✓ | ✓ |
| | Temperature range for usage | -30°C to 50°C | -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 | 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 ID | Product ID | Suspension type | Colour | MOQ |
|--|------------|------------|-----------------|--------------|-----------|
| 3M™ SecureFit™ Safety Helmet X5000: Electrically insulated (EN 50365), vented | | | | | |
|  | 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 ID | Product ID | Suspension type | Colour | MOQ |
|--|------------|------------|-----------------|--------------|-----------|
| 3M™ SecureFit™ Safety Helmet X5500: vented | | | | | |
|  | 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

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 | |
|--------------------------------|---|--------------------------|--------------------------|-------------------|
| 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 | UV stabilised ABS |
| | Ventilation | ✓ | | ✓ |
| | Harness 180° rotation | ✓ | ✓ | ✓ |
| | Weight* (shell) (g) | 255 g | 255 g | 266 g |
| | 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 | 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

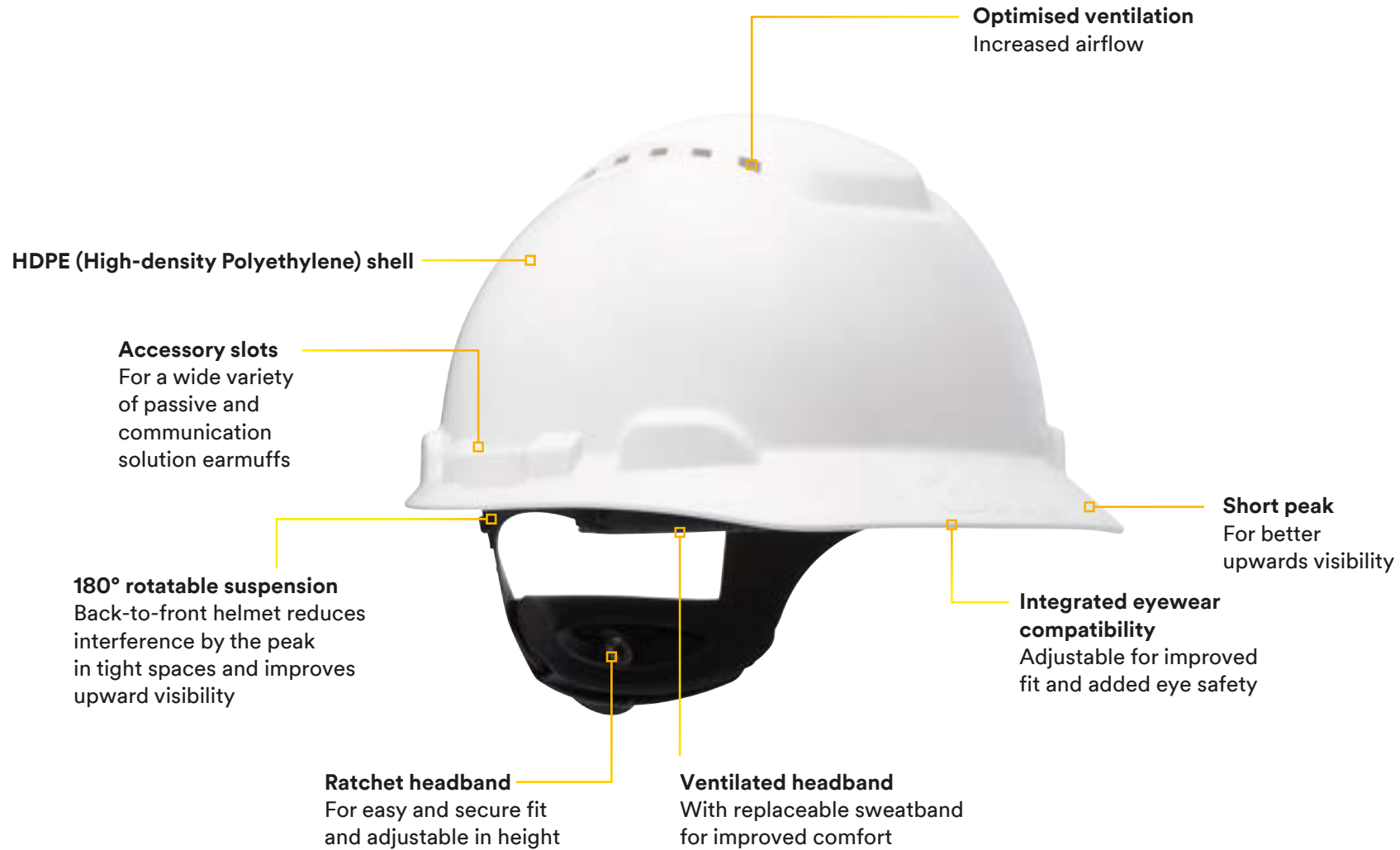
Safety helmet offering exceptional value, quality and reliability

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 | 1,1 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 |
| Safety helmet | Faceshield holder | | | | |
| G3000 | FH1 | FH1 | FH1 | | FH1 |
| G3001 | FH1 | FH1 | FH1 | | FH1 |
| G3501 | FH1 | FH1 | FH1 | FH1 | FH1 |
| X5000VE | FH1 | FH1 | FH1 | | FH1 |
| X5000V | FH1 | FH1 | FH1 | | FH1 |
| X5500NVE | FH1 | FH1 | FH1 | | FH1 |
| X5500V | FH1 | FH1 | FH1 | | FH1 |
| Headgear | | | | | |
| H8 | | | ✓ | | |
| G500 | ✓ | ✓ | | | |

3M™ Faceshields WP and WPAF Series



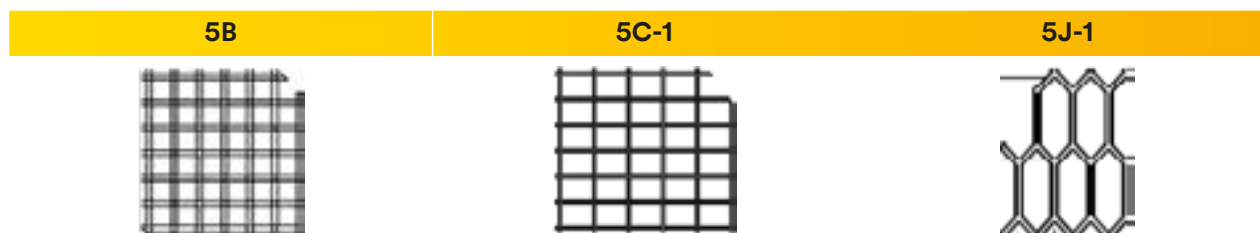
| | WP96 | WP98 | WPAF1 | WPAF2-0 |
|------------------------------------|--|-----------------------------|---|------------------------------|
| General description | Clear | Clear | GS-ET-29 Class 1 | GS-ET-29 Class 2 |
| Material | Polycarbonate | Acetate | Polycarbonate | Polycarbonate |
| Average weight (g) | 149 | 97 | 159 | 253 |
| Thickness | 1,9 mm | 1,1 mm | 1,8 mm | 1,8 mm |
| Dimensions | 229 x 263 | 232 x 378 | 229 x 263 | 229 x 263 |
| Coating | | | Anti-fog (N) | Anti-fog (N) |
| Standard | EN 166 EN 170 | EN 166 EN 170 | EN 166 EN 170 GS-ET-29 | EN 166 EN 170 GS-ET-29 |
| Impact energy | B | F | B | B |
| UV filter (EN 170) | 2C-1,2 | 2C-1,2 | 2C-1,2 | 2C-1,4 |
| Optical class | 1 | 1 | 1 | 1 |
| Splash protection (3) | 3 | 3 | 3 | 3 |
| Arc flash protection (8) | | | 8-1-0 | 8-2-1 |
| 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



| 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

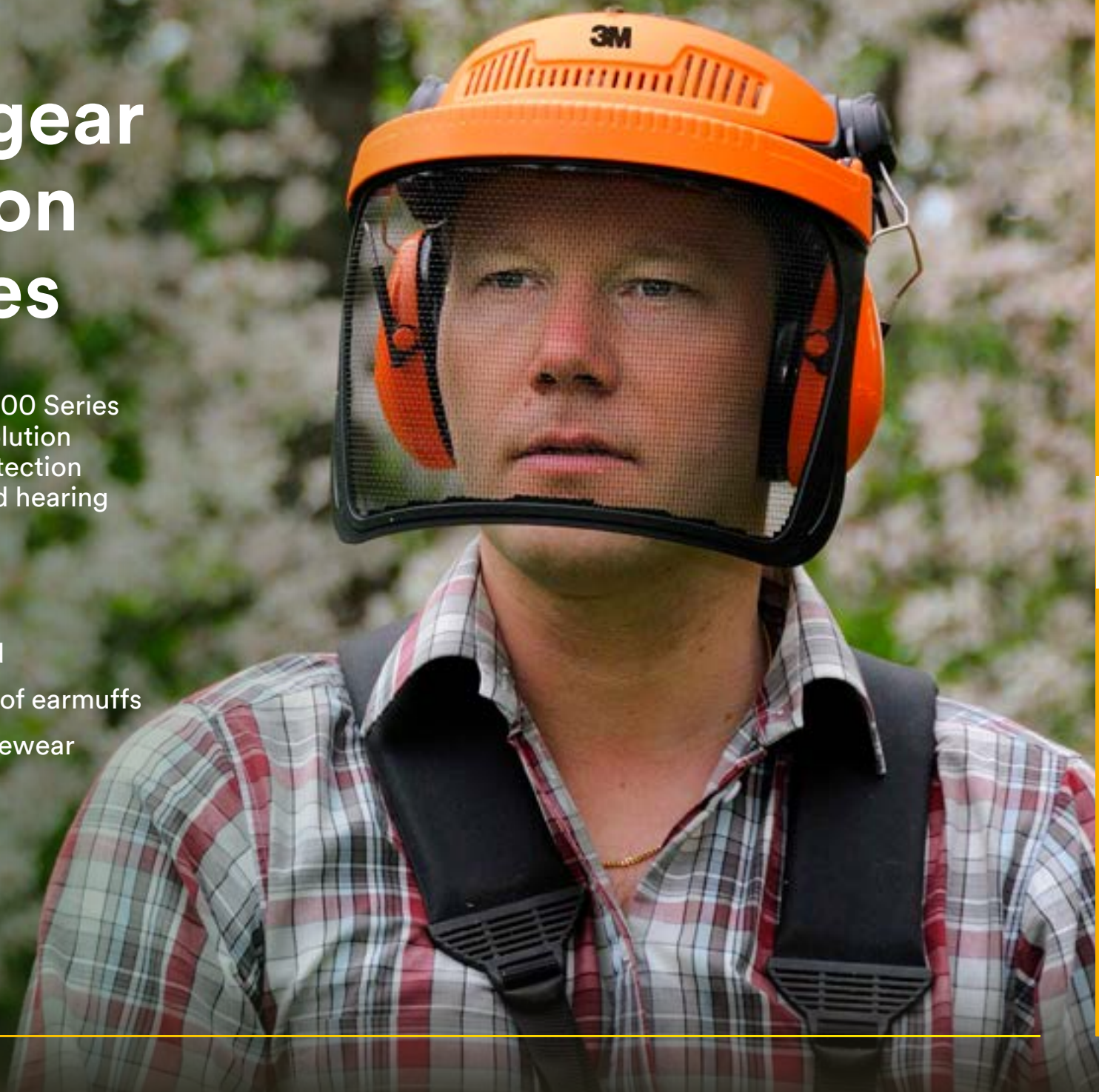


| General description | | Metal free | | | |
|----------------------|---------------------|---|----------------------|-------------------|--|
| Features | Standard | EN 1731 | EN 1731 | EN 1731 | |
| | Material | Polyamide plastic mesh | Stainless steel mesh | Etched metal mesh | |
| | Average weight (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 |
|---|------------|--|-------------|-----------------|--------|-----|
| 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 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 |

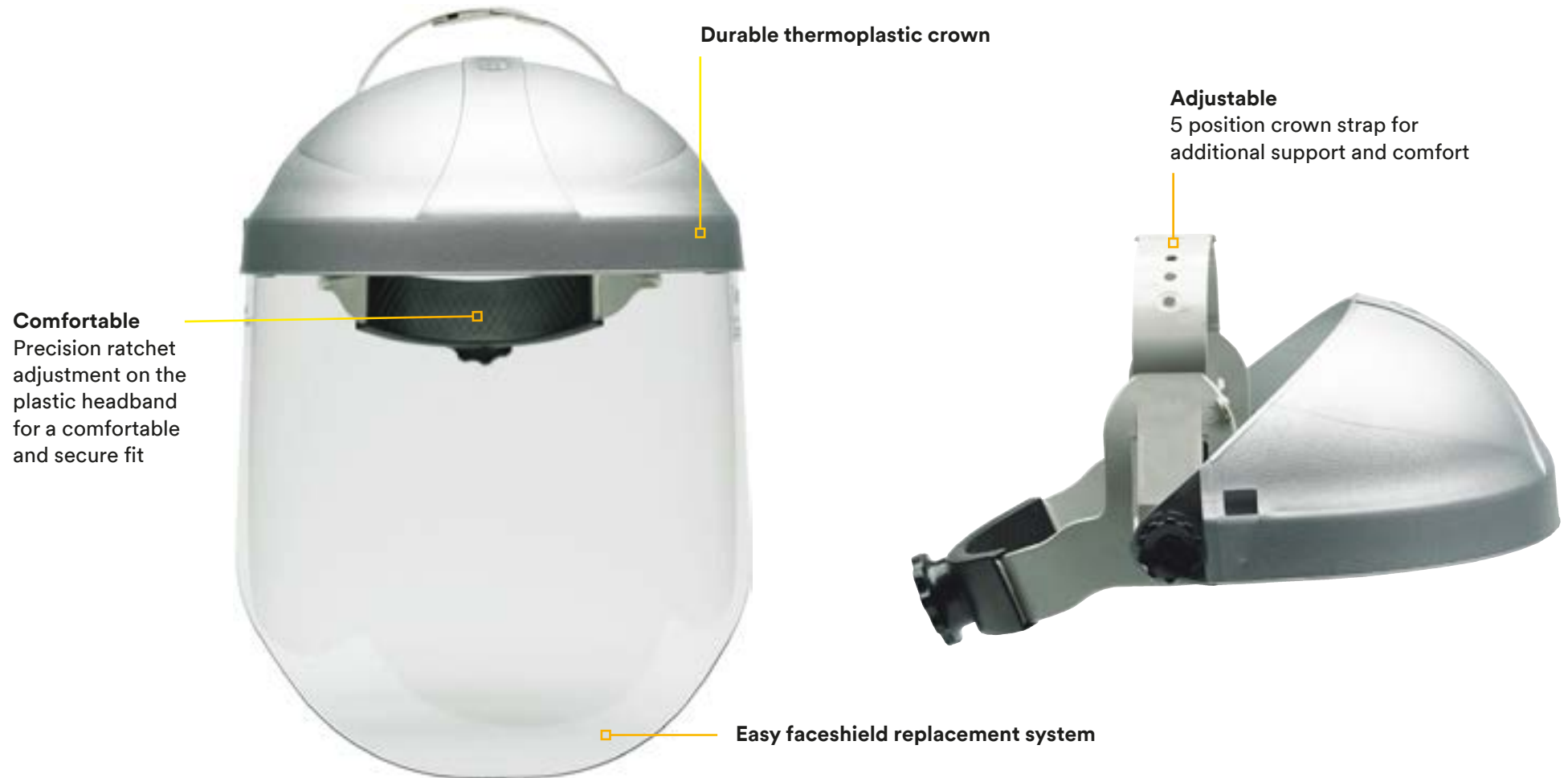
3M™ Headgear H8 Series

Helping to provide reliable face protection


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



Features



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

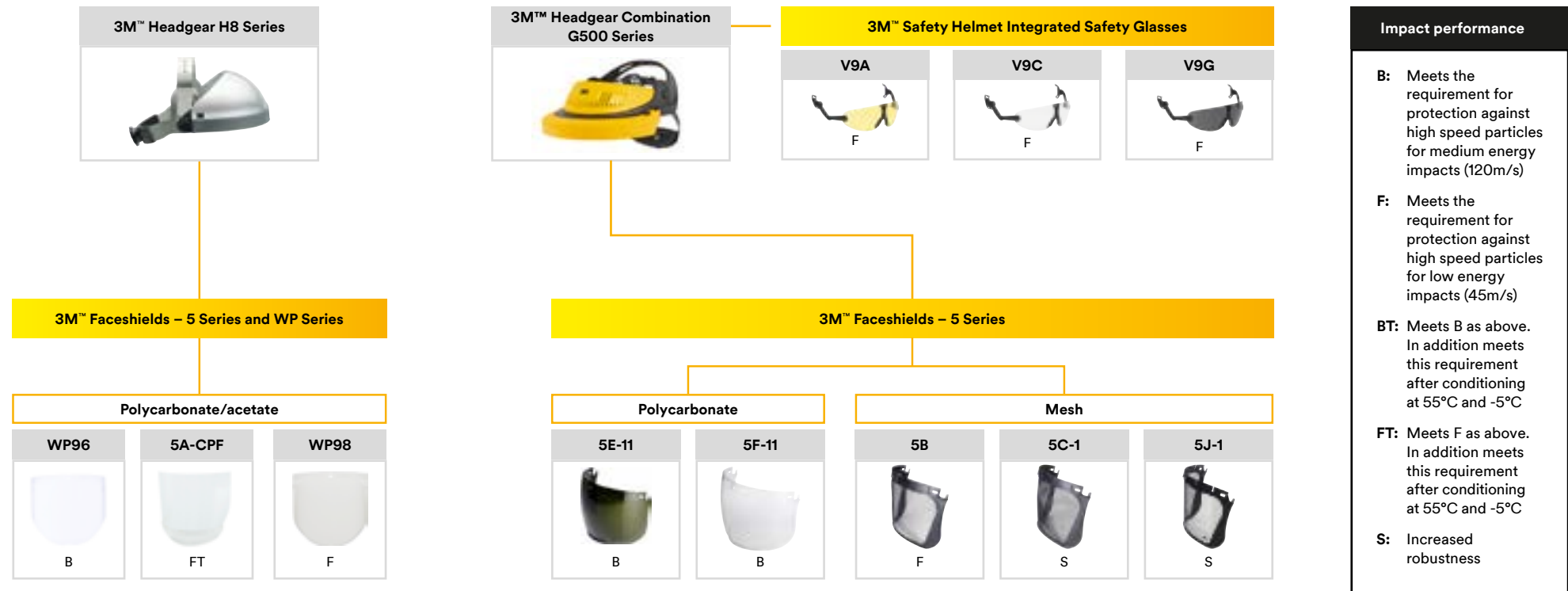
| | 3M ID | Product ID | Safety helmet | Suspension type | Sweatband | Colour | Earmuff/ comms | Faceshield | Rainshield | MOQ |
|--|------------|--|---------------|------------------------|-----------|--------|----------------|----------------------|------------|-----|
| 3M™ Safety Helmet G3000 Series with 3M™ PELTOR™ H31 earmuffs and etched, stainless steel or polyamide faceshields | | | | | | | | | | |
|  <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 |
| 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 | X5507VMRxFH15J-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

| 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 |
| 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 | ✓ | ✓ | ✓ | ✓ | | | ✓ |
| | 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 | | | | ✓ | | | |
| | 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 |
| 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 | | | ✓ | ✓ | | ✓ | |
| | 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.

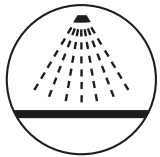
Head and Face Protection accessories (continued)

| 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 |
| Approved carrier combinations: | | | | | | | | | |
| | 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

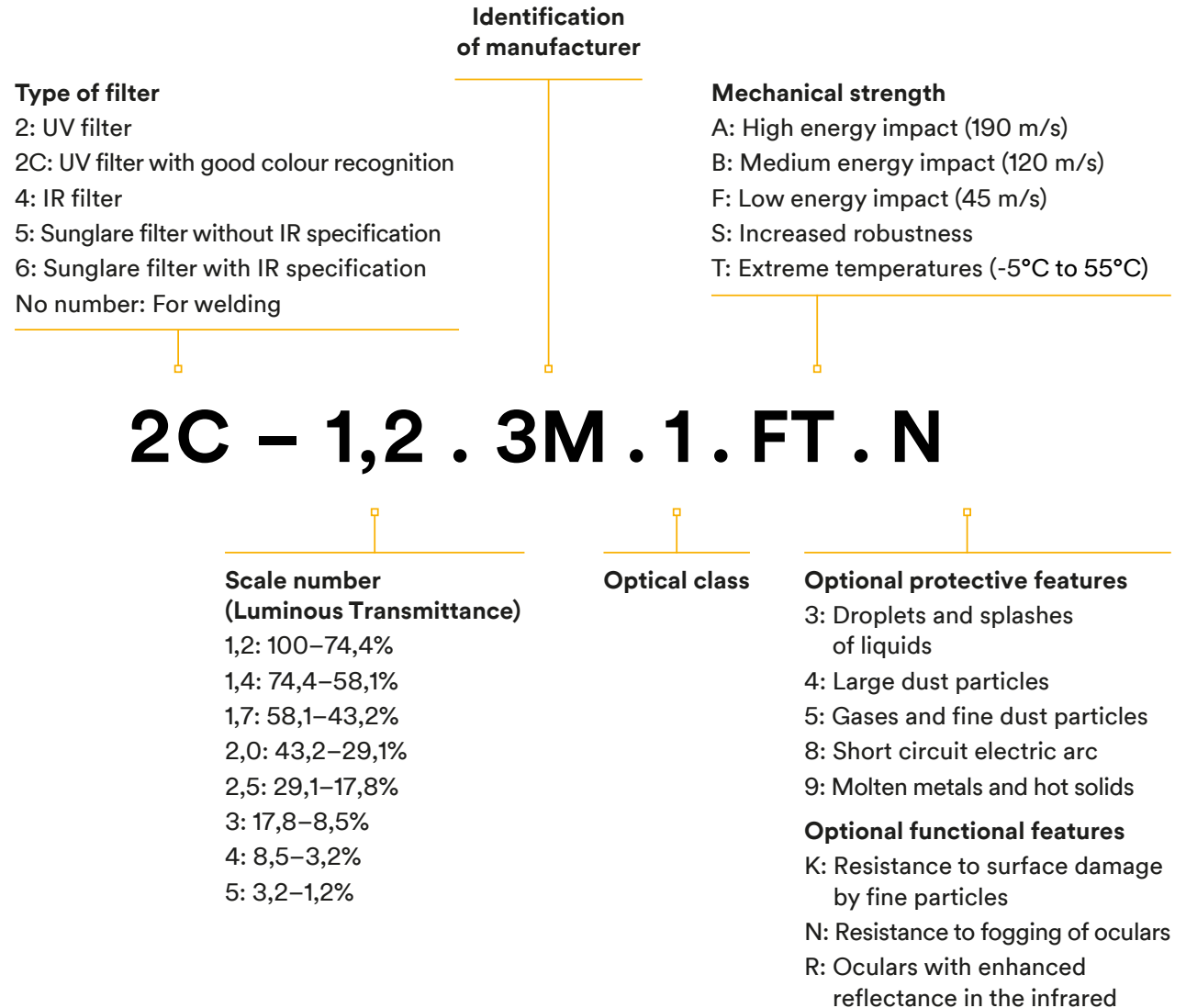
Safety helmets

- ▶ 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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