

3M™ SecureFit™ Forestry Combination with PELTOR™ X4 Hearing Protection

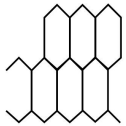
Product Description

The 3M Forestry Combination combines an X5500V safety helmet with an etched metal mesh visor, a neck rain shield, and hearing protection. This set is designed to help protect against falling objects, hazardous debris, and noises typical of forestry applications.

Figure 1: 3M™ SecureFit™ Forestry Combination with PELTOR™ X4 Hearing Protection



Figure 2: 5J-1: Etched Metal Mesh (viewing area)



Aperture: 4.0mm x 1.5mm hex

Faceshield thickness: 0.15mm

Light reduction: 18%

The 5J-1 faceshield is designed in 3 zones with different aperture sizes. Light reduction increases away from the viewing area as the aperture size decreases:

- Zone 1: 18% light reduction; 4.0mm x 1.5mm
- Zone 2: 28% light reduction; 3.8mm x 1.4mm
- Zone 3: 37% light reduction; 3.7mm x 1.3mm

Key Features

- The 3M™ SecureFit™ Safety Helmet X5500 Series features a suspension using patented Pressure Diffusion Technology, reducing pressure on forehead
- An easy-turning ratchet suspension system fitted low on the head for comfort and security
- 4-point suspension
- 3M™ Mesh Faceshields offer eye and face protection from flying wood chips and large particles, whilst allowing fog-free vision and increased ventilation when working in difficult outdoor conditions

- The etched metal mesh ensures visor good visibility with low light reduction in the main viewing area whilst maintaining protection for the face
- Faceshield holders allow for easy flipping up and down of the visor
- The patented 3M™ UVicator™ can help determine when it is time to replace the helmet due to prolonged exposure to strong ultraviolet (UV) radiation
- Replaceable Hygiene Kits (sealing ring and foam inserts), suspension, and sweatband for increased comfort and long product life
- Soft, wide foam cushions helps reduce pressure around the ears and improves comfort and wearability
- Innovative damping pads and spacer that helps improve attenuation (X4)
- 3M designed cushion foam Technology helps provide an effective acoustic seal and reliable protection

Scope

The 3M™ SecureFit™ Forestry combined with 3M™ PELTOR™ X4P3E-OR Earmuffs helps reduce exposure to hazardous sound levels and loud noises, and assists with protection against wood chips with the etched metal mesh visor. The safety helmet comes with an easily adjustable ratchet suspension. This combination offers a good fit for the professional forestry worker.

Approvals

3M Svenska AB declares that the product is in compliance with appropriate Directives or Regulations to fulfill the requirements for the CE marking. The full text of the Declaration of Conformity is available at the following internet address: www.3M.com/PELTOR/DOC. A copy of the Declaration of Conformity and additional information required in the Directives or Regulations can also be obtained by contacting 3M in the country of purchase. 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced to better estimate typical protection.

The 3M™ mesh visor of the 5 series meets the requirements of the PPE Regulation (EU) 2016/425 and therefore carries the CE mark. The products have been tested by DIN CERTCO Gesellschaft für Konformitätsbewertung mbH, Alboinstrasse 56, 12103 Berlin, Germany (Notified Body 0196). 5J-1 has been tested and approved in accordance with EN 1731:2006. The applicable certificate(s) and declaration(s) of conformity are available at: www.3M.com/Head/Certs.

The 3M™ X5500 SecureFit™ safety helmets meet the requirements of the PPE Regulation (EU) 2016/425 and therefore carry the CE mark. The products have been tested and approved by BSI Group, The Netherlands B.V. Say Building, John M. Keynesplein 9, 1066 EP Amsterdam, Netherlands (Notified Body 2797). The X5500 SecureFit™ safety helmet is certified according to EN 397:2012+A1:2012. The applicable certificate(s) and declaration(s) of conformity are available at: www.3M.com/Head/Certs.

For further questions regarding the protective equipment, please contact your local 3M office.

Headset Models and Accessories

Article Number	Description	SAP-ID
X5507VX4V5J-CE	3M™ PELTOR™ forestry combination including 3M™ PELTOR™ X4P3E-OR Earmuffs, etched stainless steel mesh visor, SecureFit™ safety helmet	7100276171

Article Number	Description	SAP-ID
HYX4	3M™ PELTOR™ Hygiene Kit for X4 Earmuffs	7100122439
HY100A	3M™ PELTOR™ HY100A Clean Sweat Absorber	7100064410
X5507V	3M™ SecureFit™ Safety Helmet 5500 Series	7100175596
5J-1	3M™ 5J mesh visor etched stainless steel	7000103793
GR3C	3M™ Neck Rain Shield	7000107956

Article Number	Description	SAP-ID
FH1	FH1-CE Faceshield holder	7100290153
X5-6PTSUS	3M™ SecureFit™ 6-Point Suspension Strap	7100180703
X5-SWBD02	3M™ SecureFit™ Sweatband	7100241118

Technical Product Data

Product	Materials	Average Weight	Product Lifespan
X4P3E-OR Earmuffs	Carrier Attachment: POM (Polyoxymethylene), Stainless steel, PA (Polyamide) Cups: ABS, TPU (Thermoplastic Polyurethane) Insert (liner) - PU (Polyurethane) foam Cushions and cushion covers : PVC (Polyvinyl chloride), PU foam Spacer: ABS (Acrylonitrile butadiene styrene)	236 g	Up to 5 years
X5507V Helmet	Shell: UV-stabilized ABS Headband: HDPE Cradle: Polyester Sweatband: Coated foam	298 g (shell only)*	Up to 5 years
5J-1 Etched Metal Mesh	FH1 Faceshield holder: Polyamid GR3C: PVC	5J-1: 54 g FH1: 50 g	Up to 5 years

*Average weight of helmet, shell only.

Use Limitation

- Never modify or alter the safety helmet
- Do not use this safety helmet against hazards other than those specified in the user instruction
- Use, store and maintain the safety helmet in accordance with the user instruction
- Where the faceshield and frame markings do not match the lowest level of protection applies
- Mesh faceshields do not provide protection against liquid splash (including molten metals), hot solids, electrical hazards, infrared or ultraviolet radiation
- Protective spectacles/goggles must be worn when there is a risk of injury to the eyes by particles that may penetrate the faceshield
- Never modify or alter this product

Table 1: 3M™ PELTOR™ X4P3 Earmuffs

	Frequency (Hz)										EN 352-3:2020	
	125	250	500	1000	2000	4000	8000	H	M	L	SNR	Weight
Mf (dB)	16.8	21.8	30.6	40.1	36.7	43.1	41.9	38.8	31.7	23.5	33.8	236 g
SD (dB)	2.5	2.1	1.9	2.3	3.7	2.7	4.7	3.0	1.5	1.9	1.5	
APVf (dB)	14.3	19.7	28.7	37.8	33.0	40.4	37.2	36	30	22	32	

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.



Personal Safety Division

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