

3M 5F-11

3M 5F-11 Polycarbonate Visor Instruction Manual

Model: 5F-11 (Part Number: 7100029680)

Brand: 3M

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1. INTRODUCTION

This manual provides essential information for the proper use, setup, maintenance, and care of your 3M 5F-11 Polycarbonate Visor. This transparent visor is designed as an accessory for 3M Peltor G22 and G3000 protective helmets with Uvicator sensors, as well as for the G500 head support system. It is suitable for assembly work, sanding, and cutting tasks, offering reliable face protection.



Image 1: The 3M 5F-11 Polycarbonate Visor, shown attached to a compatible safety helmet. This transparent visor provides essential face protection during various tasks.

2. SAFETY INFORMATION

Always read and understand all safety instructions before using the 3M 5F-11 Polycarbonate Visor. Failure to follow these instructions may result in serious injury.

- This visor is designed for protection against impacts, splashes, and particles. It is not designed for protection against severe impacts, high-speed projectiles, or molten metal.
- Always inspect the visor for damage before each use. Do not use if cracked, scratched, or otherwise compromised.
- Ensure the visor is securely attached to a compatible 3M protective helmet (G22, G3000) or G500 head support system.
- Clean the visor regularly to maintain clear vision. Refer to the Maintenance section for cleaning instructions.
- Replace the visor if visibility is impaired or if it shows signs of wear or damage.
- This product is intended for professional use. Users should be trained in its proper application.

3. PRODUCT COMPONENTS

The 3M 5F-11 Polycarbonate Visor package includes the following:

- 1 x 3M 5F-11 Polycarbonate Visor (transparent)
- *Note: Compatible helmets or head support systems are sold separately.*

4. SETUP AND INSTALLATION

The 3M 5F-11 Visor is designed for easy attachment to compatible 3M protective headgear. Follow these steps for proper installation:

1. **Identify Compatibility:** Ensure your protective helmet is a 3M Peltor G22, G3000 (with Uvicator sensor), or a 3M G500 head support system. This visor is specifically designed for these models.
2. **Align Visor:** Position the visor's attachment points with the corresponding slots or button-snap mechanisms on your compatible helmet or head support. The visor features a button-snap closure type for secure fitting.
3. **Secure Attachment:** Press firmly until the visor snaps securely into place. Verify that all attachment points are engaged and the visor is stable and does not wobble.
4. **Functionality Check:** Once attached, raise and lower the visor to ensure smooth operation and that it stays in the desired position.



Image 2: Illustration of the visor's attachment points, designed for quick and secure connection to compatible 3M headgear.

5. OPERATING INSTRUCTIONS

Once the 3M 5F-11 Polycarbonate Visor is securely installed, follow these guidelines for effective use:

- **Positioning:** Before beginning any task, ensure the visor is lowered and fully covers your face, providing adequate protection for your eyes and face.
- **Visibility:** Maintain clear vision by regularly checking the visor for dirt, dust, or scratches. Clean as necessary according to the Maintenance section.
- **Applications:** This visor is suitable for tasks such as assembly work, sanding, and cutting, where protection against flying particles and light impacts is required.
- **Adjustability:** If your headgear allows, adjust the fit to ensure comfort and stability without compromising protection. The visor itself is designed for an adjustable fit when used with compatible systems.

- **Storage:** When not in use, raise the visor or store the entire headgear in a clean, dry place away from direct sunlight and extreme temperatures to prevent damage.

6. MAINTENANCE AND CARE

Proper maintenance extends the life of your 3M 5F-11 Polycarbonate Visor and ensures continued protection. Follow these care instructions:

- **Cleaning:** Clean the visor after each use. Use mild soap and water. Gently wipe the surface with a soft cloth.
- **Drying:** Allow the visor to air dry completely. Do not use abrasive cloths or harsh chemicals, as these can scratch or damage the polycarbonate material.
- **Inspection:** Regularly inspect the visor for any signs of wear, scratches, cracks, or other damage. Pay close attention to the attachment points.
- **Replacement:** Replace the visor immediately if it shows significant scratches, cracks, or any damage that could impair its protective function or visibility. The visor is reusable, but its protective qualities can degrade over time or with damage.
- **Storage:** Store the visor in a clean, dry environment, away from direct sunlight, extreme temperatures, and corrosive substances.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your 3M 5F-11 Polycarbonate Visor.

Problem	Possible Cause	Solution
Visor does not attach securely.	Incorrect alignment; incompatible headgear; damaged attachment points.	Ensure correct alignment with compatible 3M G22, G3000, or G500 headgear. Check for damage on both visor and headgear attachment points. Replace if damaged.
Visibility is poor.	Visor is dirty or scratched.	Clean the visor using mild soap and water as per Maintenance instructions. If heavily scratched, replace the visor.
Visor fogs up.	Temperature difference; high humidity.	Ensure proper ventilation if possible. Consider anti-fog treatments designed for polycarbonate if persistent.
Visor feels loose or wobbly.	Improper attachment; worn attachment mechanism.	Re-attach the visor, ensuring all button-snaps are fully engaged. If the mechanism is worn, consider replacing the visor or the headgear.

8. SPECIFICATIONS

Feature	Detail
Model Number	7100029680
Material	Polycarbonate (PC)
Color	Transparent

Feature	Detail
Product Dimensions (L x W x H)	1 x 1 x 0.1 cm (0.39 x 0.39 x 0.04 inches)
Item Weight	171.1 grams (0.38 lbs)
Closure Type	Button-snap
Reusability	Reusable
Included Components	Face protection (visor)
Compatibility	3M Peltor G22, G3000 protective helmets (with Uvicator sensor), and 3M G500 head support system.
Country of Origin	United States of America

9. WARRANTY AND SUPPORT

Specific warranty information for the 3M 5F-11 Polycarbonate Visor is not detailed in the provided product data. For warranty claims or detailed support, please contact 3M customer service directly or refer to the documentation provided with your compatible 3M protective headgear.

Manufacturer: 3M

For further assistance, visit the official 3M website or contact their local support channels.