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› [DEWALT](#) /

› DEWALT DPG83-21D Anti-Fog Safety Glasses Instruction Manual

DEWALT DPG83-21D

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Model: DPG83-21D

1. INTRODUCTION

Thank you for choosing DEWALT DPG83-21D Anti-Fog Safety Glasses. These safety glasses are designed to provide reliable eye protection in various work environments. Featuring anti-fog lenses, an adjustable fit, and a durable rubber frame, they are suitable for adults requiring robust eye safety.

Please read this manual carefully before using the product to ensure proper usage, maintenance, and to maximize the lifespan of your safety glasses.

2. SAFETY INFORMATION

Always prioritize eye safety. These glasses are intended to protect against moderate impact hazards, dust, and splashes. They are not designed for protection against severe impact, chemical splashes, or laser radiation. Always assess your work environment and ensure these glasses meet the specific safety requirements for your task.

- Inspect glasses before each use for any damage, such as cracks or scratches on the lenses or frame. Replace immediately if damaged.
 - Ensure a snug and comfortable fit to prevent debris from entering around the edges.
 - Clean lenses regularly to maintain clear vision.
 - Do not modify the safety glasses in any way.
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3. PRODUCT COMPONENTS

Your DEWALT DPG83-21D Safety Glasses include the following main components:

- **Anti-Fog Lenses:** Smoke-tinted polycarbonate lenses with anti-fog coating.
- **Rubber Frame:** Durable and flexible full-rim frame for comfort and secure fit.
- **Adjustable Temples:** For a customized fit behind the ears.
- **Foam Eye Seal:** Integrated foam lining for enhanced protection against dust and debris.



Figure 3.1: Front view of the DEWALT DPG83-21D Safety Glasses, showing the smoke-tinted lenses and full-rim frame.



Figure 3.2: Side view of the safety glasses, highlighting the DEWALT branding on the temple.



Figure 3.3: Top view of the safety glasses, illustrating the curvature and integrated foam seal.



Figure 3.4: Angled view providing a closer look at the foam eye seal for enhanced protection.

4. SETUP

4.1 Adjusting the Fit

The temples of the DEWALT DPG83-21D safety glasses are designed to be flexible for a comfortable fit. Gently bend the temples to conform to the shape of your head, ensuring the glasses sit securely on your face without causing discomfort or leaving gaps around the eyes.

4.2 Replacing Lenses

These safety glasses feature replaceable lenses. To replace a lens:

1. Carefully detach the existing lens from the frame by gently prying it out from the edges. Start from one corner and work your way around.
2. Align the new lens with the frame grooves.
3. Press the new lens firmly into place until it snaps securely into the frame. Ensure all edges are seated properly.

Use only genuine DEWALT replacement lenses to maintain product integrity and safety standards.

5. OPERATING INSTRUCTIONS

To use your DEWALT DPG83-21D Anti-Fog Safety Glasses:

1. Place the safety glasses over your eyes, ensuring the temples rest comfortably behind your ears.
 2. Adjust the fit as described in Section 4.1 to ensure the foam eye seal makes contact with your face, providing a barrier against dust and debris.
 3. Verify that your vision is clear and unobstructed. The anti-fog coating helps maintain clarity in humid or temperature-changing environments.
 4. Wear the glasses for the entire duration of exposure to hazards.
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6. MAINTENANCE AND CARE

Proper care extends the life and effectiveness of your safety glasses.

6.1 Cleaning

Clean the lenses and frame regularly with a soft, clean cloth. For stubborn dirt or smudges, use a mild soap and water solution, then rinse thoroughly with clean water and dry with a soft cloth. Avoid abrasive cleaners, solvents, or paper towels, as these can scratch the lenses or damage the anti-fog coating.

6.2 Storage

Store your safety glasses in a clean, dry place away from direct sunlight and extreme temperatures. Avoid placing them face down on rough surfaces to prevent scratches. A protective case (not included) is recommended for storage when not in use.

6.3 Avoiding Extreme Temperatures

Do not expose the safety glasses to extreme heat or cold, as this can degrade the frame material and lens coatings, compromising their protective qualities.

7. TROUBLESHOOTING

7.1 Lenses Fogging Up

While these glasses feature an anti-fog coating, severe conditions (e.g., extreme humidity, rapid temperature changes, prolonged strenuous activity) can still cause some fogging. If fogging occurs:

- Ensure the glasses are properly seated on your face to allow for adequate ventilation.
- Clean the lenses as per Section 6.1. Residue can impair anti-fog performance.
- Consider using an additional anti-fog treatment designed for safety eyewear if persistent fogging is an issue in your specific environment.

7.2 Discomfort or Poor Fit

If the glasses feel uncomfortable or do not fit securely:

- Re-adjust the temples to better conform to your head shape.
- Ensure the nose piece is positioned correctly.

- If discomfort persists, these glasses may not be suitable for your specific facial structure. Consider alternative eyewear.

7.3 Scratched Lenses

Polycarbonate lenses are durable but not scratch-proof. Scratches can impair vision and reduce protective qualities. If lenses are significantly scratched, they should be replaced immediately (refer to Section 4.2).

8. SPECIFICATIONS

Brand:

DEWALT

Model Number:

DPG83-21D

Lens Material:

Polycarbonate (with Anti-Fog Coating)

Frame Material:

Rubber

Lens Color:

Smoke Tint

Special Features:

Anti-Fog, Adjustable Lenses, Replaceable Lenses, Full Rim Frame, Foam Eye Seal

Size:

One Size

Intended Age Range:

Adult

Manufacturer:

Radians, Inc

UPC:

674326259208

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact DEWALT customer service directly. Keep your proof of purchase for any warranty claims.

Manufacturer: Radians, Inc.

For further assistance, visit the official DEWALT website or contact their authorized service centers.

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Question

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