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Protalwell 72" Length

Protalwell Self-Adhesive Stove Window Glass Gasket Tape User Manual

Model: 72" Length

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1. INTRODUCTION

Thank you for choosing the Protalwell Self-Adhesive Stove Window Glass Gasket Tape. This product is designed to provide a high-temperature seal for stove and fireplace window glass, preventing smoke and ash leakage and improving heating efficiency. This manual provides essential information for proper installation, operation, and maintenance to ensure safe and effective use.



Figure 1: Protalwell Self-Adhesive Stove Window Glass Gasket Tape (72" Length)

2. SETUP & INSTALLATION

Proper installation of the gasket tape is crucial for optimal performance and safety. Follow these steps carefully.

2.1. Product Features

- **Special Design for Glass Edge:** 1-inch width flat gasket tape with a unique profile (thicker sides, thinner middle) designed to wrap both sides of the glass edge for protective sealing.
- **High Temperature Resistance:** Made from Graphite Impregnated Fiberglass, capable of withstanding temperatures up to 1100°F (593°C) without burning.
- **Gray Color:** Blends with wood burning ash, contributing to a cleaner appearance compared to black gaskets.
- **Abrasion Resistant:** Graphite impregnation enhances durability and resistance to wear.
- **Self-Stick Adhesive:** Equipped with high-temperature adhesive on the back for direct application to the glass, eliminating the need for additional cement or silicone.

The Gaskets Are Using 3M High Temperature Resistant Adhesive



Figure 2: Key features of the gasket tape, including high-temperature adhesive and fiberglass material.



Figure 3: Gasket dimensions: 1 inch (25mm) width and 1/8 inch (3mm) thickness.

2.2. Tools Required

- Utility knife or scissors for trimming
- Cleaning supplies (brush, cloth, glass cleaner)
- Safety gloves

2.3. Installation Steps

1. **Prepare the Surface:** Ensure the stove or fireplace window glass is completely clean, dry, and free from any old gasket material, ash, or debris. Use a glass cleaner if necessary.
2. **Measure and Cut:** Measure the perimeter of the glass edge where the gasket will be applied. Cut the gasket tape to the required length using a utility knife or strong scissors.
3. **Apply the Gasket:**
 - Peel off a small section of the protective backing from the adhesive side of the tape.
 - Carefully align the gasket tape with the edge of the glass, ensuring the thicker sides wrap around the glass edge.

- Press firmly along the applied section to ensure good adhesion.
- Continue peeling the backing and pressing the tape around the entire perimeter of the glass, working slowly to avoid kinks or gaps.
- When you reach the starting point, trim any excess tape for a neat finish.

4. **Secure the Seal:** Apply firm, even pressure along the entire length of the installed gasket to ensure maximum adhesion.

5. **Curing (Optional but Recommended):** While the self-adhesive tape provides immediate hold, allowing the adhesive to cure fully will enhance its longevity and performance. Refer to the adhesive manufacturer's recommendations if a separate adhesive was used. For the integrated adhesive, a small, low-temperature fire can help set the seal after 12 hours of initial adhesion.



Figure 4: Demonstrating how to wrap the gasket tape around the glass edge to prevent smoke and ash leakage.

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Video 1: Official product video demonstrating the installation of the Protalwell Wood Stove Glass Gasket. This video shows the process of applying the self-adhesive gasket tape to a stove door glass, highlighting its flexibility and ease of use.

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Video 2: A seller-provided video showcasing the installation of a flat gasket on a wood stove door. It illustrates the application of

adhesive and the placement of the gasket, providing a visual guide for users.

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Video 3: This video demonstrates the application of self-adhesive stove window glass gasket tape. It shows the product being unrolled, the adhesive backing being peeled, and the tape being applied to a glass surface, emphasizing its self-stick feature.

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Video 4: A detailed review and installation guide for a graphite and fiberglass gasket kit for wood stoves and fireplaces. The video shows the process of cleaning the old gasket, applying new cement, and pressing the new gasket into place on a fireplace door. It also includes a demonstration of the cured gasket with a small fire.

3. OPERATING GUIDELINES

Once the gasket tape is properly installed and cured, your stove or fireplace is ready for use. The gasket ensures a tight seal, which is essential for efficient burning and preventing smoke and ash from escaping into your living space.

- Always ensure the stove or fireplace door is closed securely after loading fuel.
- Regularly inspect the gasket for any signs of wear or damage before each use.
- The gasket is designed for high temperatures, but avoid direct flame contact if possible to prolong its lifespan.



Figure 5: A properly sealed stove door ensures a clean and warm environment by preventing smoke and ash leakage.

4. MAINTENANCE

Regular maintenance of your stove or fireplace gasket will ensure its longevity and continued effectiveness.

- **Routine Inspection:** Periodically check the gasket for any signs of fraying, hardening, cracking, or loss of adhesion. A damaged gasket can lead to inefficient burning and potential safety hazards.
- **Cleaning:** If the gasket becomes dirty with ash or creosote, gently wipe it clean with a damp cloth. Avoid harsh chemicals that could degrade the material or adhesive.
- **Replacement:** Replace the gasket tape if it shows significant signs of wear, damage, or if you notice smoke or ash leaking from the door. The lifespan of the gasket depends on usage frequency and burning conditions.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Smoke or ash leaking from door	Damaged or worn-out gasket; improper installation; adhesive failure.	Inspect the gasket for damage. If damaged, replace it. Ensure proper cleaning and firm application during installation. Allow adequate curing time.
Gasket not adhering properly	Surface not clean or dry; insufficient pressure during application; adhesive not fully cured.	Ensure the surface is thoroughly cleaned and dried before application. Apply firm, continuous pressure. Allow 12 hours for initial adhesion before use, and consider a low-temperature fire for full curing.
Gasket appears hardened or brittle	Normal wear over time due to high temperatures.	This indicates the gasket is nearing the end of its lifespan. Replace the gasket with a new one.

6. SPECIFICATIONS

Attribute	Detail
Product Name	Self-Adhesive Stove Window Glass Gasket Tape
Brand	Protalwell
Model Number	72" Length
Dimensions	72 x 1 x 0.2 inches (Length x Width x Thickness)
Item Weight	3.2 ounces
Material	Graphite Impregnated Fiberglass
Color	Gray
Temperature Resistance	Up to 1100°F (593°C)
Adhesive Type	Self-stick, high-temperature adhesive
Application	Stove and Fireplace Window Glass

7. WARRANTY & SUPPORT

For any questions regarding the Protalwell Self-Adhesive Stove Window Glass Gasket Tape, please contact the manufacturer or seller directly through the platform of purchase. Please retain your proof of purchase for warranty claims.