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Grizzly H4422

Grizzly H4422 Sanding Roll User Manual

Model: H4422

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Grizzly H4422 Sanding Roll. Please read it thoroughly before use and retain it for future reference. The Grizzly H4422 is designed as a replacement sanding roll for drum sanders, specifically compatible with the G1066Z 24-inch drum sander and other drum sanders utilizing hook and loop sanding drums.

2. SAFETY INFORMATION

Always prioritize safety when working with power tools and abrasive materials. Failure to follow safety guidelines can result in serious injury.

- **Eye Protection:** Always wear ANSI-approved safety glasses or a face shield when operating a drum sander.
- **Respiratory Protection:** Wear a dust mask or respirator to prevent inhalation of sanding dust.
- **Hearing Protection:** Use ear protection, such as earmuffs or earplugs, to guard against noise-induced hearing loss.
- **Gloves:** Avoid wearing loose-fitting gloves that could get caught in moving parts.
- **Work Area:** Ensure your work area is clean, well-lit, and free of obstructions.
- **Tool Compatibility:** Only use this sanding roll with drum sanders designed for hook and loop abrasive systems.
- **Power Tool Safety:** Refer to the instruction manual of your specific drum sander for additional safety precautions.

3. PRODUCT OVERVIEW

The Grizzly H4422 Sanding Roll is a high-quality abrasive designed for efficient material removal and finishing. It features a hook and loop backing for easy attachment and removal from compatible drum sanders.



Figure 3.1: Grizzly H4422 Sanding Roll. This image displays the sanding roll as it would appear when new, showing the brown paper backing and the label with product details.

Key Features:

- **Model:** H4422
- **Grit:** 60 (Medium)
- **Dimensions:** 3 inches wide x 50 feet long
- **Backing Type:** Paper with Hook and Loop (Velcro-compatible)
- **Abrasive Material:** Aluminum Oxide
- **Compatible Materials:** Wood, Metal, Plastic

4. SETUP AND INSTALLATION

Proper installation of the sanding roll is crucial for optimal performance and safety.

1. **Prepare the Drum Sander:** Ensure your drum sander is unplugged and powered off. Clear any debris or old abrasive material from the drum.
2. **Measure and Cut:** Measure the circumference of your drum sander's drum. Cut the Grizzly H4422 Sanding Roll to the appropriate length using a sharp utility knife or scissors. Ensure the cut is straight for a seamless fit.
3. **Attach the Sanding Roll:** Align one end of the cut sanding roll with the hook and loop surface on the drum. Press firmly to secure it. Carefully wrap the sanding roll around the drum, ensuring it is taut and free of wrinkles or bubbles. Overlap the ends slightly if necessary, or ensure they meet precisely depending on your sander's design.

- Secure the Roll:** Ensure the hook and loop backing is fully engaged across the entire surface of the drum. Some drum sanders may have additional clamping mechanisms; refer to your sander's manual for specific instructions.
- Inspect:** Before powering on, manually rotate the drum to confirm the sanding roll is securely attached and runs smoothly without wobbling or lifting.

5. OPERATING INSTRUCTIONS

Once the sanding roll is installed, follow these general operating guidelines for effective sanding.

- Material Preparation:** Ensure the workpiece is clean, dry, and free of foreign objects like nails or screws that could damage the abrasive.
- Adjust Settings:** Set the appropriate feed rate and depth of cut on your drum sander according to the material and desired finish. Start with lighter passes and gradually increase if needed.
- Dust Collection:** Always connect your drum sander to an effective dust collection system to minimize airborne dust and maintain a clear view of your work.
- Feed Workpiece:** Feed the workpiece into the sander smoothly and consistently. Avoid forcing the material, as this can lead to uneven sanding or premature wear of the abrasive.
- Monitor Abrasive:** Periodically check the sanding roll for signs of wear, clogging, or damage. Replace the roll when it becomes dull or ineffective.

6. MAINTENANCE

Proper maintenance extends the life of your sanding roll and ensures consistent performance.

- Cleaning:** For light clogging, a sanding belt cleaner stick can be used while the sander is running (with extreme caution and proper safety gear). For heavy clogging or wear, replace the sanding roll.
- Storage:** Store unused sanding roll material in a cool, dry place away from direct sunlight and humidity to prevent degradation of the adhesive and abrasive properties.
- Inspection:** Before each use, inspect the sanding roll for any tears, excessive wear, or damage to the hook and loop backing.

7. TROUBLESHOOTING

Common issues and their solutions related to the sanding roll.

Problem	Possible Cause	Solution
Sanding roll not gripping drum	Hook and loop backing worn; drum surface dirty; incorrect size.	Replace sanding roll; clean drum surface; ensure correct roll width and length.
Poor sanding performance / Dull finish	Sanding grit worn out; roll clogged with material.	Replace sanding roll; use a sanding belt cleaner stick or replace if heavily clogged.
Uneven sanding / Chatter marks	Sanding roll not installed smoothly; drum imbalance; excessive feed rate.	Reinstall sanding roll ensuring it is taut and flat; check drum sander for issues; reduce feed rate.

8. SPECIFICATIONS

Detailed specifications for the Grizzly H4422 Sanding Roll.

Model Number: H4422

UPC: 690550144226

Brand: Grizzly

Backing Type: Paper

Grit Type: Medium

Grit Material: Aluminum Oxide

Grit Number: 60

Material: Paper (backing)

Compatible Material: Metal, Plastic, Wood

Unit Count: 1.0 Count

Item Weight: 3.7 pounds

Product Dimensions: 7.25 x 7.25 x 3 inches (as packaged roll)

Compatible Devices: Drum sander, drum sanders (specifically G1066Z 24-inch drum sander)

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Grizzly H4422 Sanding Roll, please contact Grizzly customer service directly or visit their official website. As an abrasive consumable, the sanding roll's lifespan is dependent on usage and material. Please refer to the manufacturer's guidelines for specific warranty details on consumable items.

Grizzly Official Website: www.grizzly.com

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Related Documents - H4422

<p>Grizzly Charcoal Oven</p>  <p>Instruction Manual Please read these instructions carefully before using this appliance.</p>	<p>Grizzly Charcoal Oven Instruction Manual</p> <p>Comprehensive instruction manual for the Grizzly Charcoal Oven, covering safety guidelines, operation, cleaning, cooking techniques, pellet burner use, trolley assembly, and warranty information.</p>
	<p>Grizzly G0942/G0943 Extreme-Series Air Compressors Owner's Manual</p> <p>Comprehensive owner's manual for Grizzly G0942 and G0943 Extreme-Series Air Compressors. Includes safety, setup, operation, maintenance, troubleshooting, and parts information.</p>

