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› [PORTER-CABLE 775000803 1/2-Inch Abrasive Sleeve for 121 Sander, 80 Grit Instruction Manual](#)

## PORTER-CABLE 775000803

# PORTER-CABLE 775000803 1/2-Inch Abrasive Sleeve for 121 Sander, 80 Grit Instruction Manual

## INTRODUCTION

This manual provides essential information for the proper use and maintenance of your PORTER-CABLE 775000803 1/2-Inch Abrasive Sleeve. This product is designed for use with the PORTER-CABLE 121 Sander and other compatible oscillating spindle sanders. Please read these instructions carefully before installation and operation to ensure optimal performance and safety.

## PRODUCT OVERVIEW

### Key Features

- **Durable Aluminum Oxide Grain:** Engineered for extended disc life and efficient material removal.
- **Resin Coated:** Provides resistance to heat and humidity, contributing to a longer product lifespan.
- **Compatibility:** Designed to fit PORTER-CABLE oscillating spindle sanders, including the 121 model, and compatible with other manufacturers' sanders.
- **Versatile Application:** Suitable for finishing various materials such as wood, metal, fiberglass, plastic, and painted surfaces.

### Product Image



Image: A single PORTER-CABLE 775000803 1/2-inch abrasive sleeve, 80 grit. The sleeve is cylindrical, dark in color, with a visible diagonal seam where the abrasive material is joined. It features a coarse texture typical of 80-grit sandpaper, designed for material removal and finishing tasks.

## SETUP AND INSTALLATION

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Proper installation of the abrasive sleeve is crucial for effective sanding and to prevent damage to the sander or workpiece.

- 1. Power Disconnection:** Always ensure the oscillating spindle sander is unplugged from the power source before attempting to install or remove any accessories.
- 2. Sander Spindle Preparation:** Identify the appropriate spindle size on your sander that matches the 1/2-inch diameter of this abrasive sleeve. Ensure the spindle is clean and free of debris.
- 3. Sleeve Placement:** Carefully slide the abrasive sleeve onto the sander's spindle. Ensure it fits snugly and is fully seated. The sleeve should not be loose or wobble.
- 4. Secure Attachment:** If your sander model requires a retaining nut or clamp to secure the sleeve, ensure it is tightened according to the sander's instruction manual.
- 5. Inspection:** Before powering on the sander, visually inspect the installed sleeve to confirm it is correctly positioned and secure.

## OPERATING INSTRUCTIONS

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Follow these guidelines for safe and effective operation of your sander with the PORTER-CABLE abrasive sleeve.

- Safety First:** Always wear appropriate personal protective equipment (PPE), including safety glasses, dust mask, and hearing protection, when operating power tools.
- Workpiece Securement:** Ensure your workpiece is firmly clamped or otherwise secured to prevent movement during sanding.

- **Sander Operation:** Turn on the sander and allow it to reach full operating speed before bringing it into contact with the workpiece.
- **Sanding Technique:** Apply light, consistent pressure. Move the workpiece or sander smoothly across the abrasive surface. Avoid excessive pressure, which can lead to premature wear of the sleeve, burning of the material, or damage to the sander.
- **Material Compatibility:** The 80-grit abrasive sleeve is considered coarse and is suitable for aggressive material removal, shaping, and preparing surfaces for finer sanding.
- **Dust Collection:** Utilize your sander's dust collection system, if available, to maintain a cleaner work environment and improve visibility.

## MAINTENANCE

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Regular maintenance extends the life of your abrasive sleeves and ensures consistent performance.

- **Sleeve Inspection:** Periodically inspect the abrasive sleeve for signs of wear, such as dulling of the grit, tears, or excessive clogging. Replace worn sleeves promptly.
- **Cleaning:** For light clogging, a sanding belt cleaning stick or rubber eraser can be used to remove accumulated dust and debris from the abrasive surface, restoring some of its cutting ability.
- **Storage:** Store abrasive sleeves in a dry environment, away from extreme temperatures and humidity, to prevent degradation of the adhesive and abrasive properties.
- **Disposal:** Dispose of worn-out abrasive sleeves responsibly according to local regulations.

## TROUBLESHOOTING

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If you encounter issues during operation, consider the following:

- **Poor Sanding Performance:**
  - *Cause:* Worn-out or clogged abrasive sleeve.
  - *Solution:* Clean the sleeve or replace it with a new one.
- **Sleeve Slipping or Wobbling:**
  - *Cause:* Improper installation or incorrect spindle size.
  - *Solution:* Ensure the sleeve is fully seated and secured on the correct spindle size. Refer to your sander's manual for specific installation instructions.
- **Excessive Heat or Burning of Workpiece:**
  - *Cause:* Too much pressure, dull sleeve, or incorrect grit for the material.
  - *Solution:* Reduce pressure, replace the sleeve, or consider a different grit for the specific application.

## SPECIFICATIONS

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Model Number	775000803
Sleeve Diameter	1/2-Inch (0.56 Inches Assembled/Cutting Diameter)
Grit	80 Grit (Coarse)

<b>Abrasive Material</b>	Aluminum Oxide
<b>Backing Material</b>	Resin Cloth
<b>Compatibility</b>	PORTER-CABLE 121 Sander and other compatible oscillating spindle sanders
<b>Item Weight</b>	4.54 g (0.16 ounces)
<b>UPC</b>	039404104892

## WARRANTY AND SUPPORT

### Warranty Information

PORTER-CABLE warrants its power tools for a period of one year from the date of original purchase. This warranty covers repair or replacement of any defective parts or accessories due to workmanship or material defects during the warranty period. For service, return the complete tool or accessory, transportation prepaid, to a PORTER-CABLE Service Center or Authorized Service Station. Proof of purchase may be required.

This warranty does not cover o-rings, driver blades, or repairs needed due to misuse, abuse, normal wear and tear, or repairs attempted by unauthorized service centers. Any implied warranty, including merchantability and fitness for a particular purpose, is limited to one year from the date of purchase. PORTER-CABLE is not liable for incidental or consequential damages.

For full warranty details and to obtain warranty performance, please contact PORTER-CABLE directly or refer to the original product documentation.

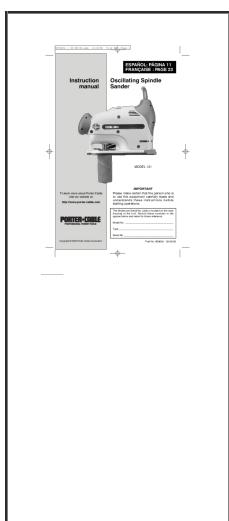
### Customer Support

For further assistance, technical support, or to locate a service center, please visit the official PORTER-CABLE website or contact their customer service department. Always refer to the specific model number (775000803) when seeking support.

**Manufacturer:** PORTER-CABLE

**Address:** 4825 Highway 45 North, P.O. Box 2468, Jackson, TN 38302

### Related Documents - 775000803

	<p><a href="#">Porter-Cable Model 121 Oscillating Spindle Sander Instruction Manual</a></p> <p>Comprehensive instruction manual for the Porter-Cable Model 121 Oscillating Spindle Sander, covering safety guidelines, operation, maintenance, and specifications. Learn how to use your sander safely and effectively.</p>
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[Porter-Cable 352VS Belt Sander User Manual and Safety Guide](#)

Comprehensive user manual and safety instructions for the Porter-Cable 352VS Variable Speed Belt Sander, covering operation, maintenance, and safety guidelines for effective and safe use.



[Porter-Cable Belt Sander Instruction Manual \(Models 360, 361, 362, 363, 360VS, 362VS\)](#)

Comprehensive instruction manual for Porter-Cable Belt Sanders, covering safety guidelines, operation, maintenance, and sanding techniques for models 360, 361, 362, 363, 360VS, and 362VS.



[Porter Cable 10-Inch Jobsite Table Saw Instruction Manual](#)

Comprehensive instruction manual for the Porter Cable 10-Inch Jobsite Table Saw (Model PCB220TS), covering safety, assembly, operation, maintenance, troubleshooting, and warranty information.



## Porter-Cable C2002 Pancake Compressor Instruction Manual

Comprehensive instruction manual for the Porter-Cable C2002 Pancake Air Compressor, covering safety guidelines, operation, maintenance, and troubleshooting. Learn how to safely use and maintain your compressor.



Porter-Cable Model 557 Plate Joiner Instruction Manual

Comprehensive instruction manual for the Porter-Cable Model 557 Double Insulated Plate Joiner, covering safety guidelines, operation, maintenance, and troubleshooting.