

3M 05746

3M Hookit Orbital Air File Shoe 05746 Instruction Manual

Model: 05746 | Brand: 3M

1. PRODUCT OVERVIEW

The 3M Hookit Orbital Air File Shoe, model 05746, is an accessory designed for use with compatible orbital air file sanders. It facilitates the attachment of Hookit abrasives, enhancing sanding efficiency across various applications. This product is intended for industrial and occupational use only.

Key Features:

- Integrates time-saving features into air file sanders.
- Sized for a range of orbital air file sanders equipped with dust evacuation systems.
- Features a hole pattern to assist in evacuating dust from the abrasive sheet surface, contributing to extended abrasive life.
- Utilizes the Hookit attachment system for rapid and straightforward abrasive sheet changes.



Figure 1: Front view of the 3M Hookit Orbital Air File Shoe 05746.

This image displays the 3M Hookit Orbital Air File Shoe, model 05746, showcasing its overall design and dimensions. The shoe is a rectangular plate, typically metallic, with a textured surface for abrasive attachment.

2. SETUP AND INSTALLATION

Proper installation of the 3M Hookit Orbital Air File Shoe is crucial for optimal performance and safety.

1. **Prepare the Air File Sander:** Ensure your orbital air file sander is disconnected from its air supply before beginning installation.
2. **Remove Existing Shoe (if applicable):** If an old shoe is present, carefully remove it according to your sander's manufacturer instructions.
3. **Attach the Hookit Shoe:** Align the mounting holes on the 3M Hookit Orbital Air File Shoe with the corresponding holes on your air file sander. Secure the shoe using the appropriate fasteners (screws, bolts, etc.) provided with your sander or the shoe itself. Ensure all fasteners are tightened securely to prevent movement during operation.
4. **Verify Dust Evacuation Alignment:** Confirm that the hole pattern on the Hookit shoe aligns with the dust evacuation system of your sander to ensure efficient dust removal.

5. **Attach Abrasive:** Press a compatible 3M Hookit abrasive sheet firmly onto the textured surface of the shoe. The Hookit system allows for quick and secure attachment.



Figure 2: Back view of the 3M Hookit Orbital Air File Shoe 05746, illustrating mounting points.

This image shows the reverse side of the 3M Hookit Orbital Air File Shoe, model 05746, highlighting the pre-drilled holes for secure attachment to an orbital air file sander. The '3M 05746' branding is visible.

3. OPERATING INSTRUCTIONS

Once the 3M Hookit Orbital Air File Shoe is securely installed and an abrasive sheet is attached, you can proceed with sanding operations.

1. **Connect Air Supply:** Reconnect your air file sander to its air supply.
2. **Wear Personal Protective Equipment (PPE):** Always wear appropriate PPE, including eye protection, hearing protection, and a dust mask, when operating power tools.
3. **Start Sander:** Turn on the air file sander.
4. **Apply to Workpiece:** Gently place the abrasive surface of the shoe onto the workpiece. Apply even, moderate pressure and move the sander in a consistent pattern to achieve desired results.
5. **Monitor Dust Evacuation:** Ensure the dust evacuation system is functioning effectively to maintain a clean work surface and prolong abrasive life.
6. **Change Abrasives:** When an abrasive sheet wears out, simply peel it off the Hookit shoe and press a new one into place.

4. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your 3M Hookit Orbital Air File Shoe.

- **Cleaning:** After each use, wipe down the shoe to remove any accumulated dust or debris. A soft brush or compressed air can be used to clear dust from the Hookit surface and dust evacuation holes.
- **Inspect Hookit Surface:** Periodically inspect the Hookit attachment surface for wear or damage. A worn Hookit surface may not securely hold abrasive sheets.
- **Check Fasteners:** Ensure all mounting fasteners remain tight. Retighten if necessary.
- **Storage:** Store the shoe in a clean, dry environment when not in use.

5. TROUBLESHOOTING

This section addresses common issues that may arise during the use of the 3M Hookit Orbital Air File Shoe.

- **Abrasive Sheet Not Adhering:**

Possible Cause: The Hookit surface may be dirty or worn.

Solution: Clean the Hookit surface with a brush or compressed air. If the surface is visibly worn or damaged, the shoe may need replacement.

- **Ineffective Dust Evacuation:**

Possible Cause: Dust holes are clogged or misaligned.

Solution: Ensure the dust holes on the abrasive sheet and the shoe are clear and align correctly with the sander's dust collection system. Clean any blockages.

- **Excessive Vibration or Poor Finish:**

Possible Cause: The shoe is not securely attached to the sander.

Solution: Disconnect the air supply and check all mounting fasteners. Tighten them securely. Ensure the abrasive sheet is properly centered and flat on the shoe.

6. SPECIFICATIONS

Attribute	Detail
Brand	3M
Model Number	05746
Grit Type (for compatible abrasives)	Fine (as per product listing, compatible with various grits)
Power Source Compatibility	Air Powered Orbital File Sanders
Disc Diameter / Shoe Dimensions	2.75 inches (width), 16 inches (length)
Item Weight	6.4 ounces
Package Dimensions	17.7 x 4.6 x 1.1 inches
UPC	051131057463

7. SAFETY INFORMATION

WARNING: For industrial/occupational use only. Not for consumer sale or use.

3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. These products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature).

Users must select and use this product in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and other limitations. The user must take any action required under any recall, field action, or other product use notice.

Misuse of 3M industrial and occupational products may result in injury, sickness, death, or property damage.

For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.

8. SUPPORT

For technical assistance, product inquiries, or further information regarding the 3M Hookit Orbital Air File Shoe 05746, please contact 3M customer support or visit the official 3M website.

Specific warranty information for this product is not provided in this manual. Please refer to 3M's official

warranty policies or contact their customer service for details.