

3M 34350

3M Flexible Abrasive Hookit Interface Foam Pad, Model 34350 Instruction Manual

1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of the 3M Flexible Abrasive Hookit Interface Foam Pad, Model 34350. This foam pad is designed to enhance sanding operations by providing flexibility for working on curved and contoured surfaces, and is compatible with 3M Orbital Sanders and 3M Flexible Abrasive Hookit Hand Sheets.

2. SAFETY INFORMATION

Important Safety Notice: This product is intended for industrial/occupational use only. It is not designed or packaged for consumer sale or use. Users must ensure compliance with all 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. Misuse of 3M industrial and occupational products may result in injury, sickness, death, or property damage. For assistance with product selection and use, consult a qualified safety professional or industrial hygienist.

3. PRODUCT OVERVIEW

The 3M Flexible Abrasive Hookit Interface Foam Pad, Model 34350, is a rectangular foam pad featuring a Hookit attachment system. It is designed to provide an additional layer of cushioning and flexibility between a sanding tool and an abrasive sheet.

Key Features:

- Provides flexibility for sanding curves and contours.
- Hookit system allows for quick and easy attachment and removal of abrasive sheets.
- Aids in sanding hard-to-reach locations by conforming to irregular surfaces.
- Compatible with 3M Orbital Sanders (e.g., part number 20331) and 3M Flexible Abrasive Hookit Hand Sheets.
- Commonly used for applications such as sanding primer, blending, and paint finishing.

What's in the Box:

- One (1) 3M Flexible Abrasive Hookit Interface Foam Pad (Model 34350)



Figure 1: The 3M Flexible Abrasive Hookit Interface Foam Pad, Model 34350. This image shows the top surface of the black foam pad, which features a hook-and-loop texture for attaching abrasive sheets.

4. SETUP

1. **Inspect the Pad:** Before each use, visually inspect the foam pad for any signs of damage, wear, or debris. Ensure the Hookit surface is clean and intact.
2. **Prepare the Sander:** If using with a power sander, ensure the sander's backing pad is clean and free of debris. The 3M Flexible Abrasive Hookit Interface Foam Pad is designed to be used with tools such as the 3M Orbital Sander, part number 20331.
3. **Attach the Interface Pad:** The interface foam pad has a hook-in attachment on one side and a loop-in attachment on the other.
 - Attach the *loop* side of the interface pad to the *hook* side of your sanding tool's backing pad.
 - Ensure the interface pad is centered and securely fastened to prevent movement during operation.
4. **Attach the Abrasive Sheet:** Select the appropriate 3M Flexible Abrasive Hookit Hand Sheet for your application.
 - Attach the *hook* side of the abrasive sheet to the *loop* side of the interface foam pad.
 - Press firmly to ensure full contact and secure attachment.

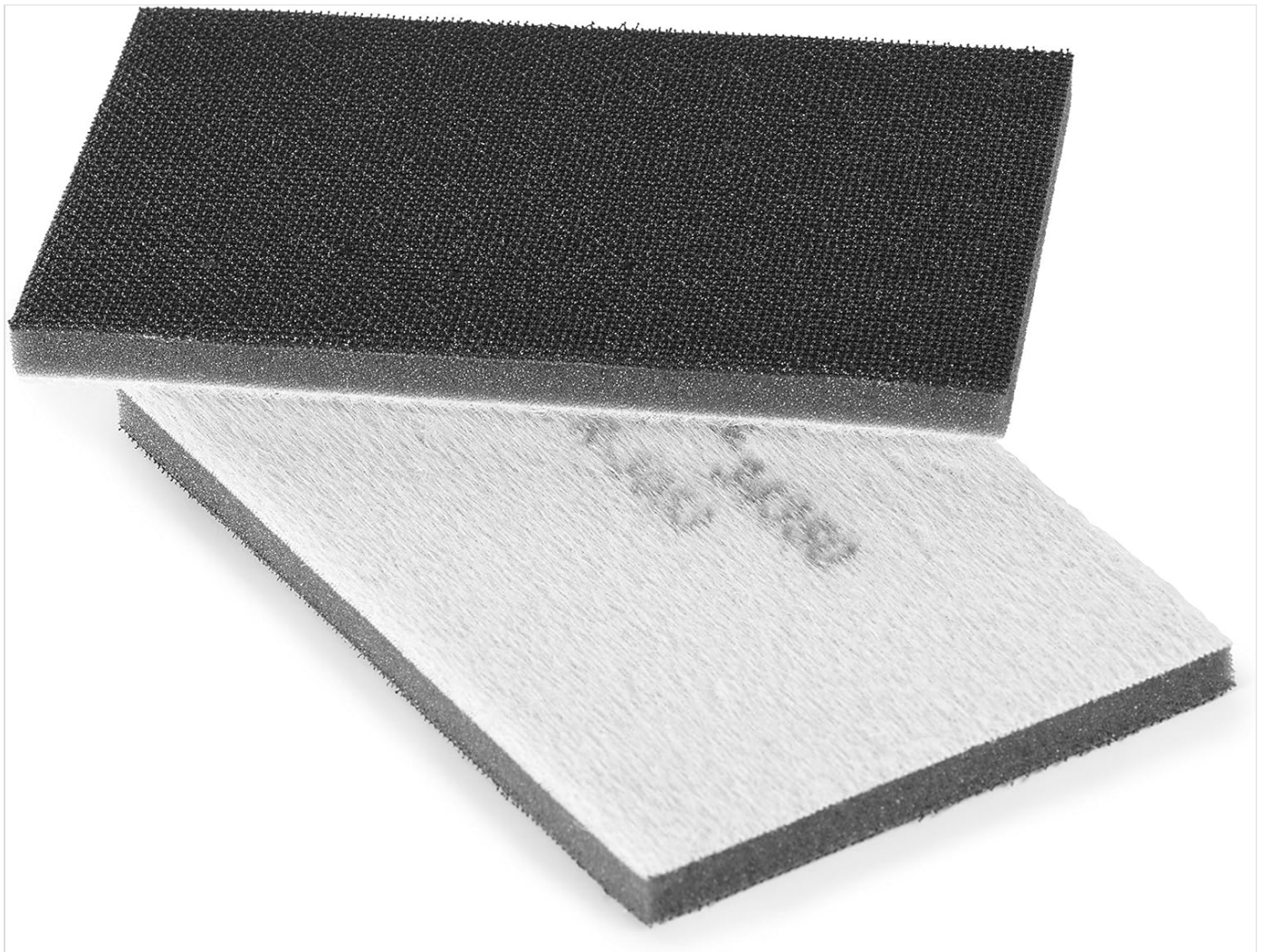


Figure 2: The 3M Flexible Abrasive Hookit Interface Foam Pad, illustrating its dual-sided design with hook and loop surfaces for secure attachment.



Figure 3: An example of a compatible tool, the 3M Orbital Sander (part number 20331), with which the interface foam pad can be used.

5. OPERATING INSTRUCTIONS

The 3M Flexible Abrasive Hookit Interface Foam Pad is designed to provide a softer, more flexible sanding action, particularly beneficial for contoured surfaces and fine finishing tasks.

1. **Surface Preparation:** Ensure the workpiece surface is clean and free of loose debris before sanding.
2. **Sanding Technique:**
 - Apply light, even pressure. The flexibility of the foam pad allows the abrasive to conform to the shape of the surface, reducing the risk of gouging or creating flat spots on curved areas.
 - Move the sander or hand sheet in a consistent pattern across the surface.
 - For primer sanding, blending, and paint finishing, use appropriate grit abrasive sheets as recommended for the specific application.
3. **Monitoring Results:** Regularly check the workpiece for desired finish and the abrasive sheet for wear. Replace abrasive sheets as needed to maintain optimal performance.
4. **Dust Management:** When using with a power sander, ensure proper dust extraction is in place to maintain a clean working environment and prolong abrasive life.

6. MAINTENANCE

Proper maintenance ensures the longevity and effectiveness of your 3M Flexible Abrasive Hookit Interface Foam Pad.

- **Cleaning:** After each use, remove the abrasive sheet and gently brush off any dust or debris from both the hook and loop surfaces of the foam pad. A soft brush or compressed air can be used. Avoid using harsh chemicals or solvents.
- **Storage:** Store the foam pad in a clean, dry environment, away from direct sunlight and extreme temperatures. Avoid placing heavy objects on top of the pad to prevent deformation.
- **Inspection:** Periodically inspect the foam pad for signs of wear, tears, or degradation of the Hookit attachment system. A worn or damaged pad can lead to inconsistent sanding results or premature abrasive wear. Replace the pad if significant wear is observed.

7. TROUBLESHOOTING

If you encounter issues while using the 3M Flexible Abrasive Hookit Interface Foam Pad, consider the following:

- **Abrasive Sheet Not Sticking:**
 - Ensure both the interface pad's loop surface and the abrasive sheet's hook surface are clean and free of dust or debris.
 - Check for wear on either the interface pad's loop or the abrasive sheet's hook system. Excessive wear will reduce adhesion.
- **Inconsistent Sanding Results:**
 - Verify that the interface pad is securely attached to the sander's backing pad and that the abrasive sheet is securely attached to the interface pad.
 - Inspect the interface pad for uneven wear or damage that might affect its flexibility or contact with the surface.
 - Ensure consistent pressure and movement during sanding.

8. SPECIFICATIONS

Attribute	Value
Brand	3M

Attribute	Value
Model Number	34350
Item Weight	0.639 ounces
Product Dimensions	5 x 3.5 x 0.5 inches
Attachment System	Hookit (Hook and Loop)
Material	Foam
National Stock Number	5935-01-382-5799

9. WARRANTY AND SUPPORT

For specific warranty information, technical support, or further assistance with 3M products, please refer to the official 3M website or contact 3M customer service directly. Product literature and safety data sheets are also available through official 3M channels.

Online Resources: www.3M.com

