

Perfect-It 33285

3M Perfect-it Foam Hook & Loop Polishing Pad User Manual

Model: 33285

1. PRODUCT OVERVIEW

The 3M Perfect-it Foam Hook & Loop Polishing Pad, model 33285, is a specialized buffing pad designed for automotive polishing. It provides a soft surface for applying 3M polishes and is engineered to effectively eliminate swirl marks, contributing to a superior final finish. Its unique waffle face design ensures smooth contact and even handling, reducing heat buildup during operation.

Key Features:

- Provides soft surface for applying 3M polishes.
- Waffle face provides smooth contact surface, for even handling over curves without excess heat build up.
- Quickly removes compounding swirls when used with 3M Perfect-it EX machine polish.
- Pads can be used with either pneumatic or electric variable speed polishers to produce desired final finish.
- Included components: 3M Perfect-it Foam Polishing Pad, 33285.
- For industrial/occupational use only. Not for consumer sale or use.

Product Images:



Top view of the 3M Perfect-it Foam Polishing Pad, showing its black color and waffle texture.



Angled view of the polishing pad, showing its profile and hook & loop attachment.



Two polishing pads, illustrating the waffle texture and the flat

backing surface.

Detailed view of the waffle face, designed for smooth contact and heat dissipation.

The polishing pad shown with its product label, providing usage information.

2. SETUP

The 3M Perfect-it Foam Polishing Pad is designed for easy attachment to compatible polishing machines. Follow these steps for proper setup:

1. **Inspect the Pad:** Before each use, visually inspect the foam pad for any signs of damage, tears, or excessive wear. Ensure the hook & loop backing is clean and free of debris.
2. **Prepare the Polisher:** Ensure your pneumatic or electric variable speed polisher is clean and in good working condition. Verify that the backing plate on your polisher is compatible with the 6-inch diameter of the 3M Perfect-it pad and has a hook & loop surface.
3. **Attach the Pad:** Align the hook & loop backing of the polishing pad with the hook & loop surface of the polisher's backing plate. Press firmly to ensure a secure and centered attachment. The pad should not wobble or be off-center when the polisher is turned on.
4. **Safety Check:** Before starting, ensure all connections are secure and that the pad is firmly attached. Wear appropriate personal protective equipment (PPE) as recommended for polishing operations.

3. OPERATING INSTRUCTIONS

Proper use of the 3M Perfect-it Foam Polishing Pad is crucial for achieving optimal results and preventing damage to the surface being polished. This pad is specifically designed for use with 3M polishes, such as the 3M Perfect-it EX machine polish, to remove compounding swirls and achieve a high-quality finish.

Application Steps:

1. **Prepare the Surface:** Ensure the surface to be polished is clean, dry, and free of contaminants. For best results, consider using a clay bar or other surface preparation methods if necessary.
2. **Apply Polish:** Apply a small amount of 3M Perfect-it EX machine polish (or other compatible 3M polish) directly onto the foam pad. Start with 3-4 pea-sized drops for a new pad or a clean section.
3. **Spread the Polish:** Before turning on the polisher, gently spread the polish over a small section of the surface (e.g., 2x2 ft area) to prevent sling.
4. **Begin Polishing:** Turn on the polisher at a low speed (e.g., 600-900 RPM for rotary, or appropriate setting for DA polisher) and work the polish into the surface using overlapping passes. Maintain even pressure. The waffle face design helps ensure smooth contact and even distribution of pressure.

5. **Increase Speed (if necessary):** Once the polish is spread, you may increase the speed to the manufacturer's recommended setting for polishing (e.g., 1200-1800 RPM for rotary, or medium-high for DA). Continue working the section until the desired level of swirl removal and gloss is achieved.
6. **Wipe Off Residue:** After polishing a section, turn off the polisher and wipe off any polish residue with a clean, soft microfiber cloth. Inspect the results.
7. **Repeat:** Move to the next section and repeat the process. Clean the pad regularly during use to prevent product buildup.

Note: Always refer to the specific instructions provided with your chosen 3M polish and polisher for detailed application guidelines and safety precautions.

4. MAINTENANCE

Proper maintenance of your 3M Perfect-it Foam Polishing Pad will extend its lifespan and ensure consistent performance. Clean pads are essential for effective polishing and to prevent marring the paint surface.

Cleaning the Pad:

- **During Use:** For light cleaning during a polishing session, use a pad cleaning brush or compressed air to remove excess polish residue and paint particles from the pad's surface.
- **After Use (Hand Wash):**
 - a. Rinse the pad thoroughly under cool, running water to remove as much polish as possible.
 - b. Apply a small amount of mild soap (e.g., dish soap or dedicated pad cleaner) to the pad.
 - c. Gently agitate the foam with your fingers or a soft brush to work the soap into the pad and release embedded polish.
 - d. Rinse again until all soap residue is gone and the water runs clear. Squeeze out excess water.
- **Drying:** Squeeze out as much water as possible from the pad. Allow the pad to air dry completely in a clean, well-ventilated area, away from direct sunlight or heat. Do not machine dry.

Storage:

Store clean, dry pads in a sealed container or bag to protect them from dust and contaminants. Avoid storing pads in direct sunlight or extreme temperatures, which can degrade the foam material.

5. TROUBLESHOOTING

This section addresses common issues that may arise during the use of the 3M Perfect-it Foam Polishing Pad and provides potential solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pad not attaching securely to polisher.	Debris on hook & loop, worn hook & loop, incompatible backing plate.	Clean hook & loop surfaces. Replace worn pad or backing plate. Ensure backing plate size and type are compatible.
Swirl marks not being removed effectively.	Incorrect polish, insufficient working time, improper technique (speed/pressure), worn pad.	Ensure use of 3M Perfect-it EX machine polish. Work polish longer. Adjust polisher speed and pressure. Replace pad if worn.
Excessive heat buildup on surface or pad.	Too much pressure, too high speed, working too small an area, pad saturation.	Reduce pressure and/or speed. Work in larger sections. Clean or replace saturated pad.
Polish sling or splatter.	Too much polish applied, starting polisher at high speed, not spreading polish first.	Use less polish. Start polisher on surface at low speed. Spread polish manually before starting.

6. SPECIFICATIONS

Attribute	Detail
Product Name	3M Perfect-it Foam Hook & Loop Polishing Pad
Model Number	33285
Size	6 inches
Material	Foam
Grit Type	Fine
Product Dimensions (L x W x H)	14.4 x 7.4 x 0.8 inches
Item Weight	1.6 ounces
Manufacturer	3M
Date First Available	June 12, 2013

7. IMPORTANT INFORMATION & SUPPORT

Legal Disclaimer:

3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, 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), and must be selected and used 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, and 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.

Customer Support:

For further assistance, technical support, or inquiries regarding the 3M Perfect-it Foam Polishing Pad, please refer to the official 3M website or contact 3M customer service through the channels provided on their official website (www.3M.com).