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3M 06094

3M Perfect-It EX Machine Polish 06094 User Manual

Model: 06094

1. INTRODUCTION

The 3M Perfect-It EX Machine Polish 06094 is formulated for removing compound swirl marks, haze, holograms, and other minor imperfections from painted surfaces in collision repair applications. This polish is designed to provide a refined finish efficiently.





Image 1.1: Front view of the 3M Perfect-It EX Machine Polish 06094 bottle.

2. SAFETY INFORMATION

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.

3M™ Perfect-It™ EX Machine Polish

06094, 1 qt (32 fl oz/946 mL)



Image 2.1: Product bottle displaying safety warnings and instructions.

3. PRODUCT FEATURES

- **High Performance:** Formulated to remove compound swirl marks, haze, holograms, and other minor imperfections.
- **Refined Finish:** Contributes to a fine, polished finish on painted surfaces.
- **Extended Wet Time:** Designed to remain wet longer on the surface, potentially reducing the amount of product required for application.
- **Reduced Sling:** Adheres effectively to the polishing pad, minimizing product sling during operation and simplifying cleanup.



Long wet times reduce the amount of product needed

Image 3.1: Visual representation of the polish's extended wet time feature.

4. PREPARATION AND APPLICATION

4.1. Preparation

Ensure the surface to be polished is clean, dry, and free of contaminants. For optimal results, use with appropriate polishing pads, such as 3M Perfect-It Quick Connect Foam Polishing Pads PN05707 or PN33285.

4.2. Application

1. Apply a small amount of 3M Perfect-It EX Machine Polish directly to the polishing pad.
2. Using a rotary or random orbital polisher, begin working the polish over the painted surface.
3. Maintain consistent pressure and speed. The polish is designed to remain wet longer, allowing for an extended working time on the surface.
4. Continue polishing until swirl marks, haze, and minor imperfections are visibly removed, and a refined, polished finish is achieved.
5. Wipe off any remaining residue with a clean, soft microfiber cloth.

**3M's highest-performing machine polish that
helps remove compound swirl marks, haze,
holograms and other minor imperfections**



Image 4.1: Application of polish using a machine polisher on an automotive surface.

Dependably adheres to the pad to reduce sling, mess, and cleanup time



Image 4.2: Close-up view of the polishing process, demonstrating the polish's adherence to the pad and minimal sling.

Creates a fine, polished finish on painted surfaces



Image 4.3: Example of a fine, polished finish achieved on a painted surface.

5. MAINTENANCE AND STORAGE

Store the 3M Perfect-It EX Machine Polish in its original container, tightly sealed, in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the cap is securely fastened after each use to prevent the product from drying out.

6. TROUBLESHOOTING

- Persistent Swirl Marks:** If swirl marks remain after application, re-evaluate the polishing technique, the condition of the polishing pad, and the thoroughness of surface preparation. For deeper imperfections, a more aggressive compound may be necessary prior to using this polish.
- Hazing or Residue:** Ensure the surface is properly cleaned after polishing. Use a clean, dry microfiber cloth for final wipe-down. Adjust polishing speed and pressure if excessive hazing occurs.

7. SPECIFICATIONS

Specification	Detail
Brand	3M
Model Number	06094

Material	Aluminum Oxide
Grit Type	Fine
Item Dimensions (L x W x H)	9.8 x 3.1 x 3.1 inches
Item Weight	2.25 pounds
UPC	051131060944

8. THE 3M PERFECT-IT PAINT FINISHING SYSTEM

The 3M Perfect-It EX Machine Polish is an integral component of the broader 3M Perfect-It Paint Finishing System. This system includes a range of products such as compounds, polishes, and pads designed to work together for achieving optimal paint finishes. The science behind the Perfect-It brand aims to provide efficient and consistent results in professional collision repair environments.



Image 8.1: Overview of the 3M Perfect-It Paint Finishing System in a workshop setting.

Additional Products Available from 3M



Image 8.2: Various 3M Perfect-It products available as part of the complete system.

9. SUPPORT AND CONTACT

For further product information, technical assistance, or support, please visit the official 3M website:

www.3M.com

