

## 3M 01999-5PK

# 3M Wetordry Abrasive Sheet User Manual

Model: 01999-5PK

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of the 3M Wetordry Abrasive Sheet, Model 01999-5PK. This product is designed for professional and industrial applications requiring fine grit sanding and finishing.

### 1.1 Important Safety Information

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

3M industrial and occupational products are intended for use by trained industrial and occupational customers in a workplace setting. These products are not designed or packaged for consumer use (e.g., home, personal, recreational). Users must select and use this product in 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 your on-site safety professional, industrial hygienist, or other subject matter expert.

For additional product information, visit [www.3M.com](http://www.3M.com).

## 2. PRODUCT OVERVIEW

The 3M Wetordry Abrasive Sheet 401Q is engineered for sanding applications that demand a fine grit and precise control, such as automotive body wet sanding and paint finishing. It features a durable, waterproof A-weight paper backing combined with fast-cutting silicon carbide mineral, ensuring consistent scratch patterns for easier buffing. This product is available in a range of fine grades, including 3000 grit, to achieve superior results.

- **Versatile Use:** Can be used wet or dry on various surfaces including paint, primer, gel coat, and metal.
- **Waterproof Backing:** Supports wet applications, which helps reduce loading and promotes a faster cut.
- **Silicon Carbide Mineral:** Utilizes a fast-cutting abrasive for an excellent finish.
- **Fine Grades:** Available in grades up to 3000 for professional-grade results.
- **Sheet Sizes:** Available in 9" x 11" and 5-1/2" x 9" sheets to suit different application needs.



Figure 1: Packaging for 3M Wetordry Abrasive Sheet, showing the 3M logo, "Wetordry" trademark, model number 01999, and grit 3000. The package indicates 50 sheets per carton, each measuring 9 in x 11 in.

### 3. SETUP AND PREPARATION

Proper preparation is crucial for optimal performance and safety.

#### 3.1 Surface Preparation

1. Ensure the surface to be sanded is clean and free of loose debris, grease, or oil.
2. For wet sanding applications, ensure a continuous supply of water is available.

#### 3.2 Abrasive Sheet Preparation

The 3M Wetordry Abrasive Sheet can be used as a full sheet or cut to smaller sizes depending on the application and tool being used.

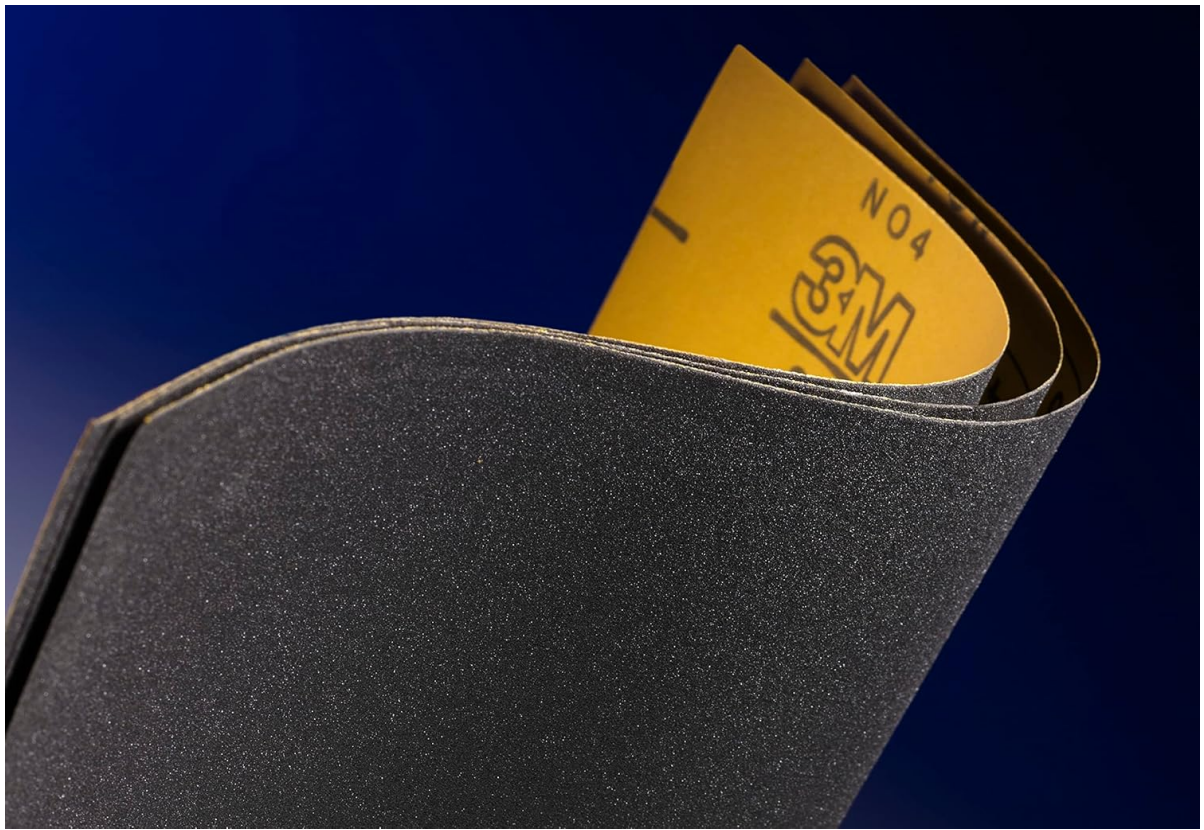


Figure 2: A close-up view of the 3M Wetordry Abrasive Sheet, highlighting its flexible paper backing and fine abrasive surface. The sheet is folded to show its texture and construction.

## 4. OPERATING INSTRUCTIONS

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Follow these guidelines for effective sanding with the 3M Wetordry Abrasive Sheet.

### 4.1 Dry Sanding

- Attach the abrasive sheet to your sanding block or tool.
- Apply even pressure and sand in a consistent pattern.
- Regularly clear dust from the sanding surface and the sheet to maintain cutting efficiency.

### 4.2 Wet Sanding

- Soak the abrasive sheet in water for a few minutes before use to enhance flexibility and performance.
- Ensure the surface being sanded is continuously lubricated with water. This helps to float away sanding debris, reduce loading, and achieve a finer finish.
- Use light, even pressure and a consistent motion.
- Rinse the sheet and the sanded surface frequently to remove slurry.



Figure 3: A hand demonstrating the wet sanding process using a piece of the 3M Wetordry Abrasive Sheet on a grey surface, with water visibly flowing over the area to facilitate the sanding action.

## 5. MAINTENANCE AND STORAGE

Proper maintenance and storage will extend the life of your abrasive sheets.

- After wet sanding, rinse the sheets thoroughly with clean water and allow them to air dry completely before storing.
- Store unused sheets in their original packaging or a dry, cool place away from direct sunlight and humidity to prevent degradation.
- Avoid creasing or folding sheets sharply, as this can damage the abrasive surface.

## 6. TROUBLESHOOTING

This section addresses common issues encountered during the use of abrasive sheets.

Problem	Possible Cause	Solution
Sheet not cutting effectively.	Abrasive surface is loaded with debris or worn out.	For wet sanding, ensure sufficient water flow. For dry sanding, clear dust regularly. Replace the sheet if it is worn.
Uneven finish.	Inconsistent pressure or improper sanding technique.	Apply even pressure across the sheet. Use consistent, overlapping strokes.

Problem	Possible Cause	Solution
Sheet tearing or creasing.	Excessive pressure or improper handling.	Reduce pressure. Ensure the sheet is properly secured to the sanding block. Handle sheets carefully.

## 7. SPECIFICATIONS

Attribute	Detail
Product Name	3M Wetordry Abrasive Sheet 401Q
Model Number	01999-5PK
Brand	3M
Grit	3000 (Fine)
Abrasive Material	Silicon Carbide
Backing Type	Waterproof A-weight Paper
Sheet Dimensions	9 inches x 11 inches (228 mm x 279 mm)
Color	Black
Unit Count	50 sheets per carton
UPC	051131019997
Item Weight	Approximately 1.07 pounds (for the carton)

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

For specific warranty details regarding 3M industrial and occupational products, please refer to the official 3M product documentation or contact 3M directly. Warranty terms typically cover manufacturing defects under normal use conditions.

### 8.2 Customer Support

For technical assistance, product inquiries, or safety information, please contact 3M customer support or visit their official website:

- **Website:** [www.3M.com](http://www.3M.com)
- **Contact:** Refer to the "Contact Us" section on the 3M website for regional contact information.

Always consult with your on-site safety professional or industrial hygienist for guidance on product selection and use in your specific workplace environment.