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> Medline Instrument Sterilization Pouches (MPOP3X9Z) User Manual

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1. INTRODUCTION

This manual provides instructions for the proper use and handling of Medline Instrument Sterilization Pouches, Model MPOP3X9Z. These self-sealing pouches are designed to maintain the sterility of medical instruments after processing in table-top sterilizers. Each pouch features internal and external process indicators to confirm sterilization conditions have been met.



Figure 1: Medline Instrument Sterilization Pouches. This image displays several Medline self-seal sterilization pouches of

varying sizes, laid out to show their design and the printed process indicators.

2. SAFETY INFORMATION

- For professional use only.
- Ensure instruments are properly cleaned and dried before packaging.
- Do not overload pouches; allow sufficient space for steam penetration and air removal.
- Verify process indicators have changed color after sterilization to confirm exposure to sterilization conditions.
- Store sterilized pouches in a clean, dry, and cool environment to maintain sterility.
- Inspect pouches for tears or punctures before use. Do not use damaged pouches.

3. PRODUCT OVERVIEW

Medline Instrument Sterilization Pouches (Model MPOP3X9Z) are designed for single-use sterilization of medical instruments. Key features include:

- **Self-Sealing Closure:** Provides a secure seal without the need for heat sealers.
- **Process Indicators:** Printed on both the inside and outside of the pouch, these indicators change color when exposed to specific sterilization conditions (e.g., steam).
- **Medical-Grade Paper and Film:** Ensures proper barrier protection and visibility of contents.
- **Size:** 3.5 inches x 9 inches, suitable for various small to medium instruments.

4. SETUP AND PREPARATION

1. **Clean Instruments:** Thoroughly clean and rinse all instruments according to manufacturer guidelines.
2. **Dry Instruments:** Ensure instruments are completely dry before packaging to prevent corrosion and ensure effective sterilization.
3. **Select Pouch Size:** Choose a pouch size appropriate for the instrument(s) to be sterilized. The instrument(s) should fit without stretching the pouch or puncturing the film.
4. **Place Instruments:** Carefully place the instrument(s) inside the pouch. Avoid sharp edges contacting the film side.

5. OPERATING INSTRUCTIONS (STERILIZATION PROCESS)

1. **Seal the Pouch:** Remove the protective strip from the adhesive flap. Fold the flap along the perforation and press firmly to create a secure, airtight seal. Ensure no wrinkles or gaps are present.
2. **Load Sterilizer:** Place the sealed pouches into the sterilizer chamber. Arrange them to allow for proper steam circulation and air removal. Do not stack pouches too tightly.
3. **Run Sterilization Cycle:** Operate the table-top sterilizer according to the sterilizer manufacturer's instructions and recommended cycle parameters for steam sterilization.
4. **Verify Sterilization:** After the sterilization cycle is complete and the pouches have cooled, visually inspect the process indicators.
 - The **external indicator** (typically on the paper side) should change color (e.g., from pink to brown/black for steam sterilization) indicating exposure to sterilization conditions.
 - The **internal indicator** (visible through the film) should also change color, confirming steam penetration to the contents.

Note: A color change in the process indicators confirms exposure to sterilization conditions, but does not guarantee sterility. Biological indicators should be used periodically to validate sterilizer efficacy.

5. **Storage:** Once verified, store the sterilized pouches in a clean, dry, and protected area until needed.

6. STORAGE AND MAINTENANCE

- Store unused pouches in their original packaging in a cool, dry place, away from direct sunlight and excessive heat.
- Do not use pouches if the packaging is damaged or expired.
- Sterilized pouches should be stored in a manner that protects them from environmental contamination, physical damage, and moisture.
- Adhere to facility protocols for shelf-life and rotation of sterilized items.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Process indicator did not change color.	Sterilization cycle parameters not met (e.g., insufficient temperature, time, or steam). Overloading sterilizer. Faulty sterilizer.	Do not use the instrument. Re-evaluate sterilizer loading and cycle parameters. Consult sterilizer manual or service technician. Repackage and re-sterilize.
Pouch seal is compromised.	Improper sealing technique. Pouch overloaded. Physical damage during handling.	Do not use the instrument. Repackage in a new, undamaged pouch and re-sterilize. Ensure firm and even pressure when sealing.
Pouch is wet after sterilization.	Insufficient drying time in sterilizer. Overloading sterilizer.	Do not use the instrument. Allow adequate drying time. Ensure proper loading to facilitate drying. Repackage and re-sterilize.

8. SPECIFICATIONS

Attribute	Detail
Model Number	MPOP3X9Z
Pouch Dimensions	3.5 Inches x 9 Inches
Quantity per Box	200 Each
Closure Type	Self-Seal Adhesive
Indicators	Internal and External Process Indicators
Sterilization Method	Suitable for Table-Top Steam Sterilizers
Manufacturer	Medline Industries Healthcare

9. WARRANTY INFORMATION

For specific warranty details regarding Medline Instrument Sterilization Pouches, please contact Medline

Industries Healthcare directly or refer to the official product documentation provided at the time of purchase.
Warranty terms may vary.

10. CUSTOMER SUPPORT

If you have questions or require assistance with your Medline Instrument Sterilization Pouches, please contact Medline Industries Healthcare customer support:

Phone: 800-633-5463

Website: www.medline.com (General Medline website, specific product support may be found there)