

Graphtec CE7000-130

Graphtec Authentic CE7000 Series Teflon Cutting Strip Replacement Manual

Model: CE7000-130 | Part Number: PM-CR-011

1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of the Graphtec Authentic CE7000 Series Teflon Cutting Strip Replacement (CE7000-130). This product is an authentic Graphtec part designed specifically for use with Graphtec CE7000 Series cutting plotters.

The cutting strip is a critical component that protects the plotter's cutting blade and ensures precise, clean cuts by providing a smooth, sacrificial surface for the blade to press against. Regular replacement of this strip is vital for maintaining optimal performance and extending the life of your cutting blades.

2. SAFETY INFORMATION

Please read and understand all safety precautions before handling or installing the cutting strip. Failure to follow these instructions may result in injury or damage to your equipment.

- Always power off and unplug your Graphtec cutting plotter before performing any maintenance or part replacement.
- Exercise caution when handling cutting blades. They are extremely sharp.
- Keep the work area clean and well-lit.
- Dispose of old cutting strips and any waste materials responsibly.
- This product is not a toy. Keep out of reach of children.

3. PRODUCT OVERVIEW

The Graphtec Authentic CE7000 Series Teflon Cutting Strip is designed for durability and precision. Each package contains two (2) replacement strips.



Figure 3.1: Graphtec CE7000 Series Teflon Cutting Strip (2-pack) and packaging.



Figure 3.2: Close-up view of the Graphtec Teflon Cutting Strip, highlighting its flexible nature and the adhesive backing.

Each strip features a single side with an aggressive adhesive for secure attachment to your plotter, and an opposite side with a rigid Teflon base that provides the ideal cutting surface. The strip has a width of 10mm and a length of 50 inches, specifically sized for the CE7000-130 model.

Important Note: This cutting strip is exclusively compatible with Graphtec CE7000 Series cutting plotters. It is NOT compatible with CE5000 or CE6000 Series models.

4. INSTALLATION (SETUP)

Follow these steps carefully to replace the Teflon cutting strip on your Graphtec CE7000 Series plotter:

1. **Prepare the Plotter:** Ensure your Graphtec CE7000 Series plotter is powered off and unplugged from the electrical outlet. Open the cover to access the cutting area.
2. **Remove the Old Strip:** Carefully peel off the old, worn cutting strip from the plotter's cutting channel. If the adhesive is stubborn, you may gently warm it with a hairdryer on a low setting to soften it, but avoid excessive heat.
3. **Clean the Surface:** Thoroughly clean the cutting channel where the strip was located. Use isopropyl alcohol and a lint-free cloth to remove any adhesive residue, dust, or debris. The surface must be completely clean and dry for the new strip to adhere properly.
4. **Position the New Strip:** Unroll the new Graphtec Teflon cutting strip. Locate the cutting channel on your plotter. The strip should be aligned precisely within this channel.



Figure 4.1: Proper placement of the Teflon cutting strip within the plotter's cutting channel.

5. **Apply the New Strip:** Starting from one end, carefully peel back a small section of the adhesive backing from the new strip. Align the strip perfectly with the cutting channel and press it down firmly. Slowly continue to peel the backing while pressing the strip down along the entire length of the channel, ensuring no air bubbles or wrinkles. Apply firm, even pressure.
6. **Secure the Strip:** Once the strip is fully applied, run your finger or a soft, flat tool along its entire length to ensure maximum adhesion and to remove any trapped air.
7. **Verify Installation:** Close the plotter cover and reconnect the power. Perform a test cut to ensure the new strip is functioning correctly and providing optimal cutting performance.

5. OPERATION AND FUNCTION

The Teflon cutting strip is a passive but essential component of your Graphtec CE7000 Series plotter. Its primary function is to provide a smooth, consistent, and durable surface for the cutting blade to press against during operation. This ensures:

- **Blade Protection:** Prevents the cutting blade from directly contacting the metal components of the plotter, which would dull the blade quickly.
- **Precise Cuts:** A uniform cutting surface allows the blade to maintain consistent depth and pressure, resulting in clean, accurate cuts on various materials.
- **Reduced Friction:** The Teflon material minimizes friction, allowing the blade to glide smoothly across the surface.

No specific operational steps are required for the cutting strip itself once installed. Its function is integrated into the normal operation of your Graphtec cutting plotter.

6. MAINTENANCE

Regular inspection of your Graphtec Teflon cutting strip is crucial for maintaining cutting quality and extending blade life. While the strip itself requires minimal maintenance, its condition directly impacts your plotter's performance.

- **Visual Inspection:** Periodically inspect the cutting strip for signs of wear, such as grooves, indentations, deep cuts, or peeling. These are indicators that the strip is nearing the end of its useful life.
- **Cleaning:** If debris or adhesive residue accumulates on the strip, gently wipe it with a lint-free cloth dampened with

isopropyl alcohol. Ensure the strip is completely dry before resuming operation.

- **Replacement Schedule:** The lifespan of a cutting strip varies depending on usage frequency and material types cut. Replace the strip immediately if you notice a decline in cutting quality, blade damage, or visible wear. It is good practice to have a spare strip on hand.

7. TROUBLESHOOTING

Issues related to the cutting strip often manifest as problems with cutting quality or blade performance. Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Poor cutting quality (ragged edges, incomplete cuts)	Worn or damaged cutting strip; improper blade depth.	Inspect the cutting strip for wear. Replace if necessary. Adjust blade depth according to your plotter's manual.
Blade dulls quickly	Severely worn cutting strip allowing blade to hit metal; incorrect blade pressure.	Replace the cutting strip. Ensure proper blade pressure settings.
Cutting strip peeling or bubbling	Improper installation (surface not clean); adhesive failure.	Remove the old strip, thoroughly clean the surface, and install a new strip carefully, ensuring firm adhesion.
Strip not adhering properly	Surface not clean or dry; insufficient pressure during installation.	Ensure the cutting channel is free of all debris and completely dry before applying the new strip. Apply firm, even pressure during installation.

If problems persist after troubleshooting, refer to your Graphtec CE7000 Series plotter's main user manual or contact Graphtec technical support.

8. SPECIFICATIONS

- Product Name:** Graphtec Authentic CE7000 Series Teflon Cutting Strip Replacement
- Model:** CE7000-130
- Part Number:** PM-CR-011
- Compatibility:** Graphtec CE7000 Series Cutting Plotters ONLY (Not compatible with CE5000 or CE6000 Series)
- Dimensions:** 50 inches (Length) x 10mm (Width)
- Material:** Teflon with aggressive adhesive backing
- Quantity:** 2 strips per pack
- Manufacturer:** Graphtec
- UPC:** 091128996115

9. WARRANTY AND SUPPORT


As an authentic Graphtec part, this product is covered by Graphtec's standard warranty policy for replacement parts. For specific warranty terms and conditions, please refer to the documentation provided with your Graphtec cutting plotter or visit the official Graphtec website.

For technical assistance, installation queries, or warranty claims, please contact your authorized Graphtec distributor or Graphtec customer support directly. Ensure you have your product model number (CE7000-130) and part number (PM-CR-011) available when seeking support.

Note: This manual is for the replacement cutting strip only. For operation, maintenance, and troubleshooting of your Graphtec CE7000 Series cutting plotter, please consult its dedicated user manual.

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Related Documents - CE7000-130

	<p>Graphtec CE8000 Series: Precision Cutting Plotters - Features & Specifications</p> <p>Discover the Graphtec CE8000 Series roll-fed cutting plotters, engineered for high productivity and precision in signage, print & cut, and garment decoration. Explore features, capabilities, accessories, and detailed specifications.</p>
<p>Software V.3.3.5</p> <p>USER MANUAL Cutting manager (for units with double plotters)</p>	<p>Cutting Manager Software User Manual for Double Plotter Units</p> <p>Comprehensive user manual for the Graphtec Cutting Manager software (V. 3.3.5), detailing interface controls, advanced options, industry 4.0 communication, job queue management, and troubleshooting for double plotter units.</p>
<p>Software V.3.3.1</p> <p>USER MANUAL Cutting manager (for units with single plotters)</p>	<p>Cutting Manager Software User Manual - Graphtec</p> <p>Comprehensive user manual for the Cutting Manager software (Software V. 3.1.1) used with single plotter units. Covers user interface, advanced options, industry 4.0 communication, job management, and reporting.</p>
<p>CE8000 SERIES CUTTING PLOTTER</p> <p>SETUP MANUAL MANUAL DE CONFIGURACIÓN MANUAL DE CONFIGURAÇÃO SETUP HANDBUCH MANUEL DE CONFIGURATION MANUALE DI IMPOSTAZIONE РУКОВОДСТВО ПО НАСТРОЙКЕ 安裝手冊 설치 매뉴얼 セッアップマニュアル</p> <p>GRAPHTEC</p>	<p>Graphtec CE8000 Series Cutting Plotter Setup Manual</p> <p>A comprehensive setup manual for the Graphtec CE8000 Series cutting plotter, covering installation, configuration, and basic operation. Includes instructions for driver and software installation, wireless LAN module setup, connecting to a computer, and initial setup procedures.</p>
<p>GRAPHTEC UPDATING FIRMWARE</p> <p>Update Firmware of the Graphtec CE8000 Cutter using a USB Flash Drive</p> <p>Preparation Steps</p> <p>1. Prepare USB Flash Drive</p> <p>2. Prepare the USB Flash Drive</p> <p>3. Insert the USB Flash Drive</p> <p>4. Power On the Cutter/Plotter</p> <p>5. Initiate the Update Process</p>	<p>Graphtec CE8000 Cutter Firmware Update Guide via USB</p> <p>Step-by-step instructions for updating the firmware on a Graphtec CE8000 cutting plotter using a USB flash drive. Includes preparation, update process, confirmation, and factory reset procedures.</p>



[Manuel de l'Utilisateur Cutting Master 5 - Graphtec](#)

Guide complet pour l'installation et l'utilisation du logiciel Graphtec Cutting Master 5, incluant les fonctions avancées, la gestion des marques d'enregistrement, les codes à barres et les configurations système.