

TE 500001-1

User Manual

TE Connectivity SPIRAP Plastic Cable Wrap

Model: 500001-1

1. INTRODUCTION

This manual provides detailed instructions for the proper use, installation, and maintenance of the TE Connectivity SPIRAP Plastic Cable Wrap, Part Number 500001-1. This product is designed to organize and protect cables, offering a flexible and durable solution for various applications.

2. PRODUCT OVERVIEW

The SPIRAP Plastic Cable Wrap is a versatile cable management solution made from polyethylene material. It is supplied in a box with a packaging quantity of 15.24 meters (50 feet) and has an outside diameter of 6.35 mm. Its spiral design allows for easy insertion and removal of cables, providing protection against abrasion and environmental factors.



Figure 2.1: TE Connectivity SPIRAP Plastic Cable Wrap. This image displays a segment of the gray spiral cable wrap, with two thin wires exiting at different points, demonstrating its application in cable organization.

3. SETUP AND INSTALLATION

Follow these steps to properly install the SPIRAP Plastic Cable Wrap:

1. **Prepare Cables:** Gather all cables that need to be bundled and ensure they are free from kinks or damage.
2. **Measure Length:** Determine the required length of the cable wrap. It is advisable to cut a slightly longer piece than needed to allow for flexibility.
3. **Start Wrapping:** Begin by inserting one end of the cable bundle into the opening of the spiral wrap.
4. **Guide Cables:** Gently twist the spiral wrap around the cables, guiding them into the wrap's interior. Ensure the cables are evenly distributed within the wrap.

- 5. **Continue Wrapping:** Continue along the entire length of the cable bundle, maintaining a consistent spiral.
- 6. **Cut Excess:** Once all cables are enclosed, cut any excess wrap using standard cutting tools.
- 7. **Secure Ends (Optional):** For added security, cable ties or electrical tape can be used at the ends of the wrap, though the spiral design typically holds cables securely.

The flexible design allows for cables to exit the wrap at any point along its length, providing versatility for various routing needs.

4. OPERATING INSTRUCTIONS

The SPIRAP Plastic Cable Wrap is a passive organizational component. Once installed, it operates by continuously protecting and bundling cables. No active operation is required.

- **Cable Insertion/Removal:** To add or remove cables after initial installation, gently untwist the spiral wrap at the desired point, insert or remove the cable, and then re-twist the wrap to secure.
- **Flexibility:** The wrap maintains its flexibility, allowing the bundled cables to bend and move as needed without compromising protection.

5. MAINTENANCE

The SPIRAP Plastic Cable Wrap requires minimal maintenance.

- **Cleaning:** If the wrap becomes dirty, it can be wiped clean with a damp cloth. Avoid using harsh chemicals or abrasive cleaners, as these may damage the polyethylene material.
- **Inspection:** Periodically inspect the cable wrap for any signs of wear, tear, or damage, especially in environments with high movement or exposure to elements. Replace if significant damage is observed to ensure continued cable protection.
- **Storage:** Store unused portions of the cable wrap in a cool, dry place away from direct sunlight to preserve material integrity.

6. TROUBLESHOOTING

As a passive component, troubleshooting for the SPIRAP Plastic Cable Wrap is generally straightforward.

- **Cables Not Fitting:** Ensure the total outside diameter of your cable bundle does not exceed the wrap's capacity (6.35 mm). If it does, consider using multiple wraps or a larger diameter wrap.
- **Wrap Slipping:** If the wrap is slipping off the cables, ensure it is twisted tightly enough. For very active applications, consider using cable ties at the ends to secure it.
- **Damage to Wrap:** If the wrap is cut or severely abraded, it may compromise cable protection. Replace the damaged section or the entire wrap as needed.

7. SPECIFICATIONS

Attribute	Value
Brand	TE
Part Number	500001-1

Attribute	Value
Description	SPIRAP Plastic Cable Wrap
Material	Polyethylene Plastic
Packaging Quantity	15.24 Meters (50 Feet)
Outside Diameter	6.35 mm
Manufacturer	TE Connectivity
ASIN	B00KSQ5088

8. WARRANTY INFORMATION

Specific warranty details for the TE Connectivity SPIRAP Plastic Cable Wrap (Part Number 500001-1) are typically provided at the point of purchase or can be obtained directly from TE Connectivity. Generally, products are warranted against defects in material and workmanship under normal use and service. Please retain your purchase receipt as proof of purchase.

For detailed warranty terms and conditions, please refer to the official TE Connectivity website or contact their customer support.

9. SUPPORT

For technical assistance, product inquiries, or support regarding the SPIRAP Plastic Cable Wrap, please contact TE Connectivity directly.

- **Manufacturer:** TE Connectivity
- **Website:** www.te.com (Please visit the official website for contact information, product datasheets, and additional resources.)
- **Customer Service:** Refer to the "Contact Us" section on the TE Connectivity website for phone numbers and email support options relevant to your region.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question