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› [RS Pro](#) /

› [RS Pro by Allied 6681226 Expandable Braided Silicone Rubber Glass Cable Sleeve User Manual](#)

RS Pro 6681226

RS Pro by Allied 6681226 Expandable Braided Silicone Rubber Glass Cable Sleeve User Manual

Model: 6681226

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the RS Pro by Allied 6681226 Expandable Braided Silicone Rubber Glass Cable Sleeve. Please read this manual thoroughly before use to ensure safe and efficient application.

The RS Pro 6681226 is an expandable braided sleeve designed for cable management and protection. It features a 4mm inner diameter and is constructed from silicone rubber glass, meeting UL 1441 standards for insulation sleeving.

2. SAFETY INFORMATION

Always observe the following safety precautions:

- Ensure power is disconnected from any cables before applying or removing the sleeve.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, when handling the sleeve, especially if cutting.
- Do not expose the sleeve to temperatures exceeding its specified operating range.
- Keep out of reach of children.
- Inspect the sleeve for any damage before installation. Do not use damaged sleeves.

3. PRODUCT OVERVIEW

The RS Pro 6681226 cable sleeve is designed to protect and organize cables. Its braided structure allows for expansion to accommodate various cable bundles, while the silicone rubber glass material provides durability and heat resistance.



Figure 1: RS Pro 6681226 Expandable Braided Silicone Rubber Glass Cable Sleeve. This image shows the braided texture and flexible nature of the cable sleeve.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of the cable sleeve:

1. **Prepare Cables:** Gather the cables you intend to bundle and ensure they are clean and free from sharp edges that could damage the sleeve.
2. **Measure and Cut:** Measure the required length of the sleeve. Use sharp scissors or a hot knife to cut the sleeve to prevent fraying. If using scissors, consider heat-shrinking the ends or using electrical tape to secure the cut edges.
3. **Expand and Insert:** Gently expand the braided sleeve by pushing it from both ends, which will shorten its length and increase its diameter. Carefully feed the cables through the expanded sleeve.
4. **Position and Secure:** Once all cables are inside, stretch the sleeve along the cable bundle to achieve the desired coverage and snugness. The sleeve will contract in diameter as it lengthens. Secure the ends with cable ties, heat shrink tubing, or electrical tape if necessary.

5. OPERATING GUIDELINES

The cable sleeve is a passive component designed for protection and organization. Once installed, no further "operation" is required. Ensure the sleeve is not subjected to excessive pulling or sharp bends that could compromise the integrity of the cables or the sleeve itself.

Regularly check the sleeved cables for any signs of wear or damage, especially in areas of high movement or friction.

6. MAINTENANCE

The RS Pro 6681226 cable sleeve requires minimal maintenance:

- **Cleaning:** If the sleeve becomes dirty, wipe it gently with a damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically inspect the sleeve for any signs of fraying, cuts, or degradation, especially at points of entry/exit or where it bends.
- **Replacement:** If significant damage is observed, replace the affected section of the sleeve to maintain optimal protection.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sleeve is difficult to expand.	Not pushing from both ends simultaneously.	Gently push the sleeve from both ends towards the center to shorten and expand its diameter.
Sleeve ends are fraying after cutting.	Improper cutting method.	Use a hot knife for a clean cut, or apply heat shrink tubing/electrical tape to the ends after cutting with scissors.
Sleeve does not fit over cables.	Cable bundle diameter exceeds sleeve's maximum expanded diameter.	Ensure the total diameter of your cable bundle is within the sleeve's expandable range. Consider a larger diameter sleeve if necessary.

8. SPECIFICATIONS

Model: 6681226

Brand: RS Pro

Material: Expandable Braided Silicone Rubber Glass

Inner Diameter (ID): 4mm (nominal)

Length: 1m (as per product description, though length can vary by purchase unit)

Standard: UL 1441

Installation Type: Self-Adhesive (*Note: This specification from product data seems to contradict the nature of a braided sleeve. The primary function is braided expansion, typically secured by other means.*)

Country of Origin: China

9. WARRANTY INFORMATION

For warranty details, please refer to the official RS Pro warranty policy available on their website or contact your point of purchase. Keep your proof of purchase for any warranty claims.

10. SUPPORT AND CONTACT

For technical support, product inquiries, or further assistance, please contact your RS Pro distributor or visit the official RS Pro website:

[RS Pro Official Website](#)

Please have your product model number (6681226) ready when contacting support.