

# IP67 PROTECTION TUBING REMOVAL

## WORK INSTRUCTION

Optical Cable Assembly — Field Disassembly Procedure



# IP67 Protection Tubing Removal Work Instruction

## **PART 01** IP67 Protection Tube Components

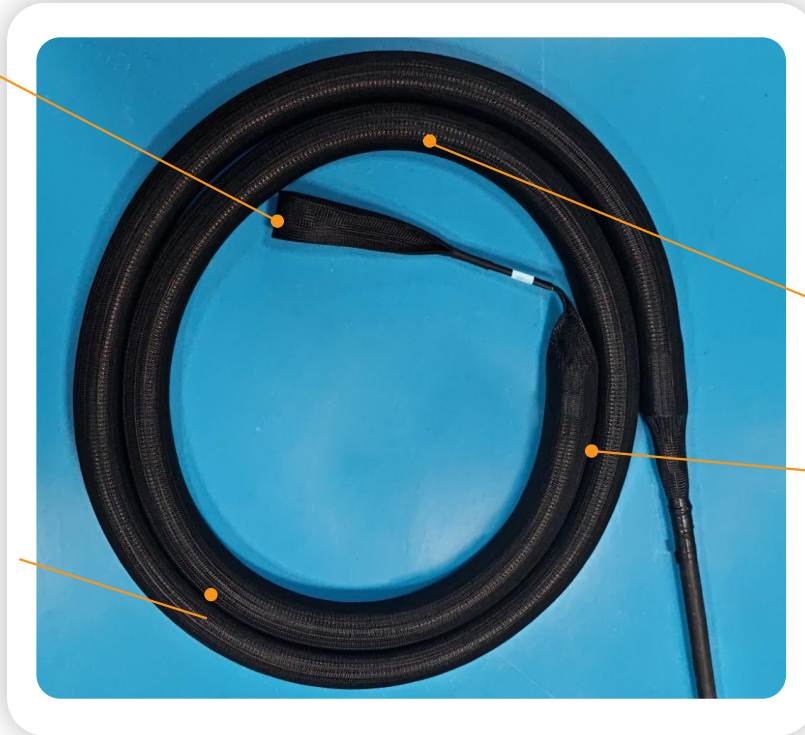
## **PART 02** Protection Tubing Removal

- 2.1 Tool Preparation
- 2.2 Braided Sleeve
- 2.3 Corrugated Tube
- 2.4 Unpacking Branches and Connectors



## 1. IP67 Protection Tube Components

Protection Tube

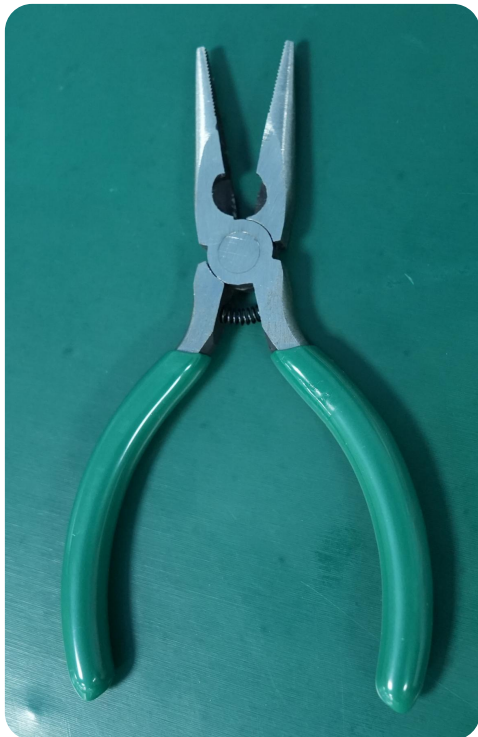


Braided Sleeve

Electrical Tape

Corrugated Tube

## 2.1 Tool Preparation



Needle-nose pliers



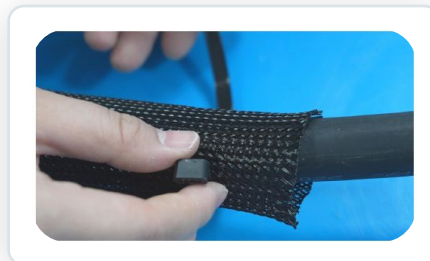
Protective gloves

## 2.2 Braided Sleeve Removal

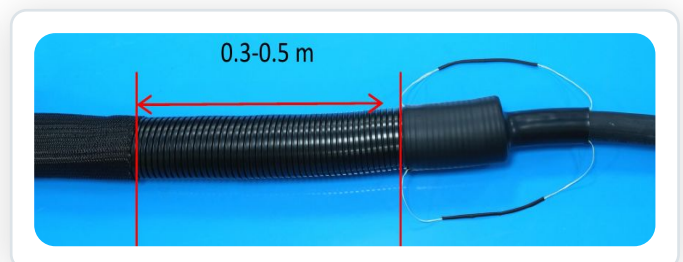
**1. Remove the electrical tape:** Remove all electrical tape from the reverse opening.



**2. Remove the cable tie:** Press the buckle and remove the cable tie.

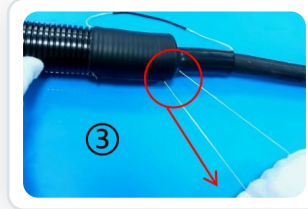
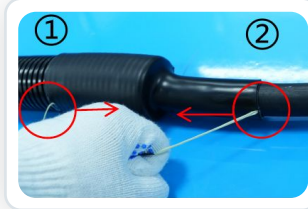


**3. Move the braided sleeve:** Slide the braided sleeve backward to a approximately 0.3–0.5 m behind the heat-shrink tubing.



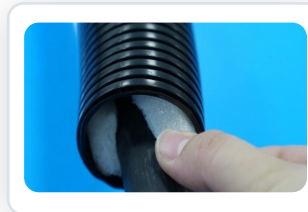
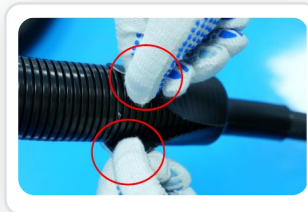
## 2.3 Corrugated Tube Removal

### 1. Tear open the heat-shrink tubing



- Wear protective gloves before disassembly.
- Use water-blocking yarn to tear open the heat-shrink tubing along its edge, starting from the corrugated tube towards main cable ends.

### 2. Remove the heat-shrink tubing



- Use needle-nose pliers to pry up the edge of the heat-shrink tubing on the corrugated tube.
- Peel off the tubing bonded to the corrugated tube and optical cable, starting from the edge. Remove residual foam.

### 3. Remove the braided sleeve and corrugated tube



- One person holds the main cable while the other pulls the pull ring backward until the corrugated tube and braided sleeve are fully withdrawn.

## 2.4 Unpacking Branches and Connectors

**1. Remove the velcro straps:** Remove velcro strip from the branch every 0.5 m.

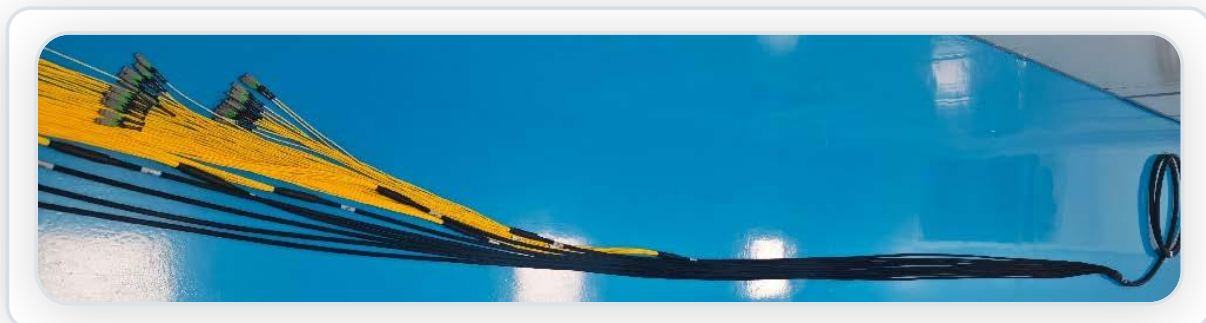


**2. Remove the connector packaging:** Open and remove all connector packaging bags, following the reversed opening on the adhesive tape.



### Samples After Disassembly

All components — electrical tape, cable ties, heat-shrink tubing, braided sleeve, corrugated tube, and branch-and-connector packaging — have been removed.



Note : Dispose of all removed materials as per applicable local Disposal Instructions and acceptable standard waste-management practices



#### **About STL – Sterlite Technologies Ltd:**

STL is a global leader in advanced connectivity solutions, providing end-to-end solutions for building AI-ready infrastructure, FTTx, Rural, Enterprise and Data Center networks. With manufacturing facilities in North America, Europe and Asia, we deliver our solutions in more than 100 countries. Data Center & Cloud companies, Telecom operators, Internet service providers and Large enterprises collaborate with STL to build their future-ready digital infrastructure. STL's business goals are driven by customer-centricity, R&D and sustainability.