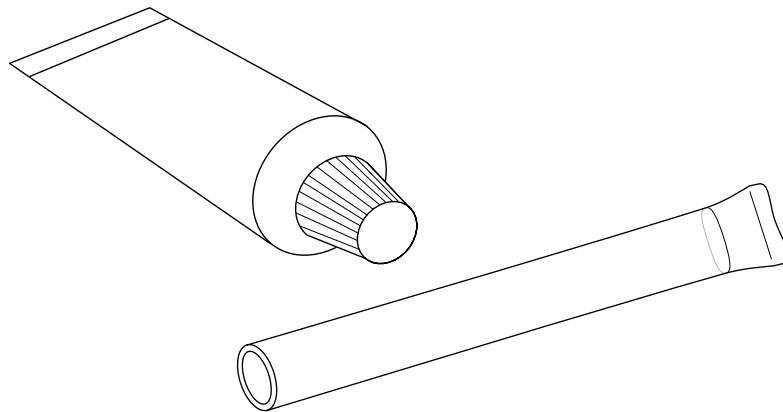


ASSEMBLY INSTRUCTIONS



EL-EC

End termination set for ELSR & ELP

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IMPORTANT INFORMATION

- RETAIN FOR LATER USE



For orderly and safe use of the EL-EC termination set, please follow these instructions.
Please retain these instructions for later reference purposes (for example in the system documentation).

- FOR DISPOSAL



The WEEE logo indicates that this product must not be disposed of with residential waste.
Further information about disposal and recycling of old electrical and electronic devices and where to find collection points is available from your local disposal company or from the manufacturer from which you bought the product.



ATTENTION

Refers to a potentially dangerous situation.
If it is not prevented, there is a risk of damage or malfunction.



DANGER

Refers to an extremely dangerous situation. If it is not prevented there is risk of death or at least a high risk of serious injuries.



NOTE

Important information and instructions for safe, effective and environmentally compatible usage.



WARNING

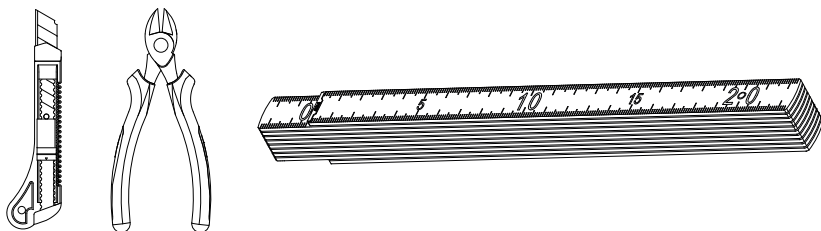
Refers to a dangerous situation. If it is not prevented there is risk of injury or at least a high risk of material damage.

Proviso

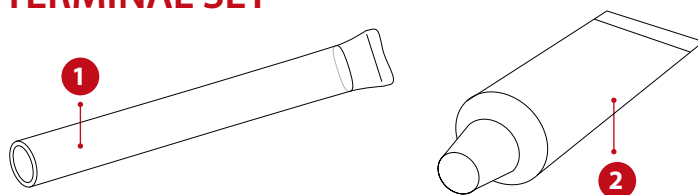
We reserve the right to make technical changes. Changes, errors or misprints shall not form the basis for any claim to compensation for damages. Comply with the applicable and currently valid standards and regulations for safety-related components and systems.

eltherm GmbH Ernst-Heinkel-Str. 6-10 57299 Burbach T.: +49 2736 4413-0 F.: +49 2736 4413-50 info@eltherm.com	Document: 86430409112XX		Assembly instructions EL-EC for ELSR & ELP	
	Author:	Peter Schmidt	Date:	30.09.2013
	Revision: 07	Jonas Schmidt	Date:	19.03.2025

RECOMMENDED TOOLS



CONTENTS OF TERMINAL SET



ELSR

Type EL-ECN (09112N1) termination for self-regulating heating cables ELSR-N, ELSR-FHP	No.	Quantity
End cap EL-ECN, silicone, transparent	1	1 unit
Silicone adhesive; "EC" Blue, 5 gr.	2	1 unit
Type EL-ECL (09112L1) termination for self-regulating heating cables ELSR-LS	No.	Quantity
End cap EL-ECL, silicone, transparent	1	1 unit
Silicone adhesive; "EC" Blue, 5 gr.	2	1 unit
Type EL-ECM (09112M1) termination for self-regulating heating cables ELSR-M, ELSR-R	No.	Quantity
End cap EL-ECM, silicone, transparent	1	1 unit
Silicone adhesive; "EC" Blue, 5 gr.	2	1 unit
Type EL-ECW (09112W1) termination for self-regulating heating cables ELSR-W	No.	Quantity
End cap EL-ECW, silicone, transparent	1	1 unit
Silicone adhesive; "EC" Blue, 5 gr.	2	1 unit



ATTENTION

Work may only be performed by authorised and qualified specialists!
 After installation inspect visually to ensure tight fit and for leaks.
 After the termination set is installed, the heating circuit is ready for operation immediately (no drying time required).
 After work is complete, check the resistance (ELP) and insulation resistance!



NOTE

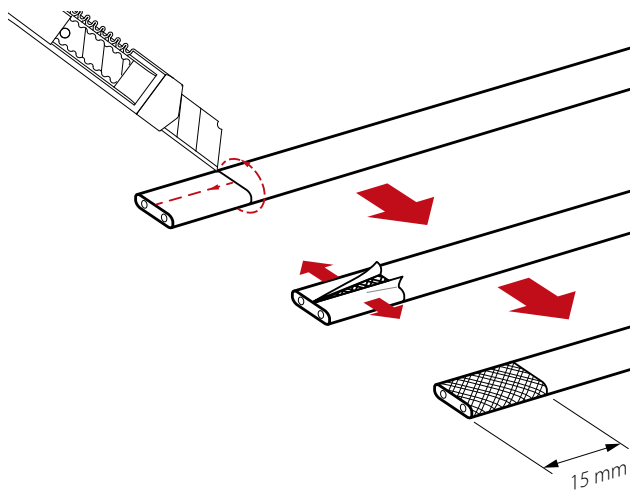
An end termination set does not include an initial connection set.
 If an initial connection set is needed, it must be ordered separately.

ELP

Type EL-ECP+ (09112PP) termination for parallel heating cables ELP/PFA to 260°C	No.	Quantity
End cap, silicone, red	1	1 unit
Silicone adhesive; "HT" Red, 5 gr.	2	1 unit
Type EL-ECP1 (09112P1) termination for parallel heating cables ELP/PFA & ELP/FEP to 200°C	No.	Quantity
End cap, silicone, transparent	1	1 unit
Silicone adhesive; "EC" Blue, 5 gr.	2	1 unit
Type EL-ECP2 (09112P3) termination for parallel heating cables ELP/Si to 200°C	No.	Quantity
End cap, silicone, transparent	1	1 unit
Silicone adhesive; "EC" Blue, 5 gr.	2	1 unit

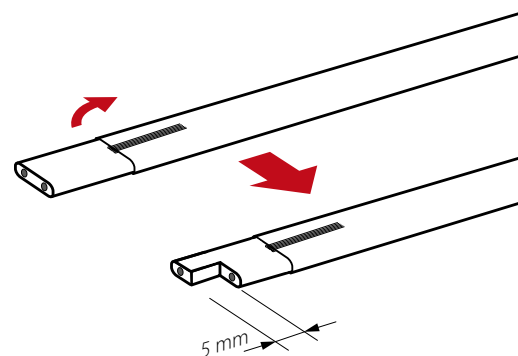
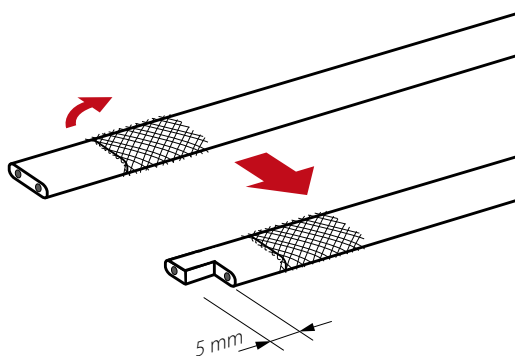
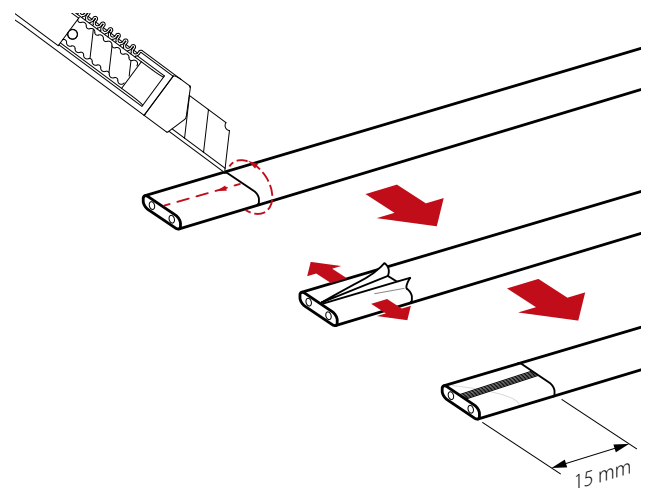
1.1 Preparation of ELSR

ELSR Type BO/BOT/BHF (with braid)



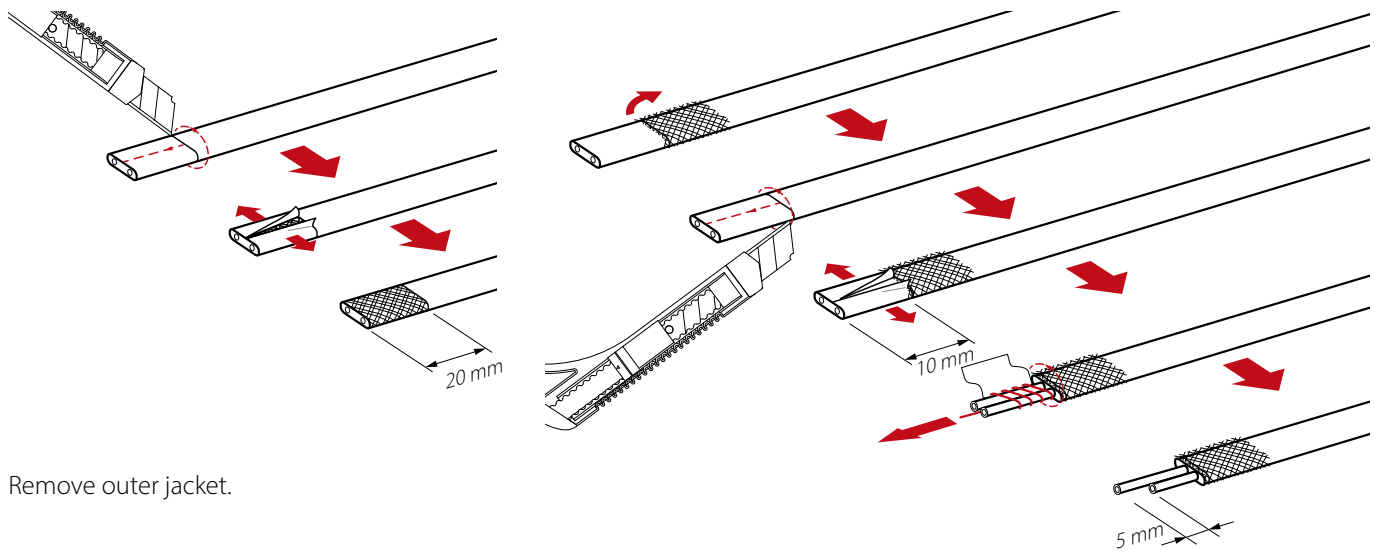
Remove outer jacket

ELSR Type AO/AHF (with Aluminium foil)



Turn braid / turn earthing wire and remove aluminium foil. Shorten matrix & supply conductors on one side.

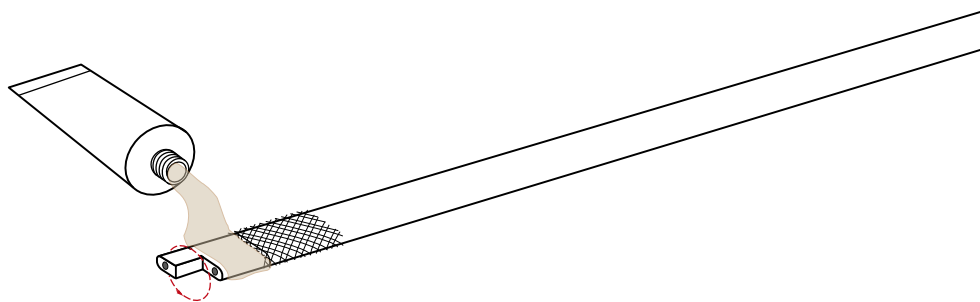
1.2 Preparation of ELP



WARNING

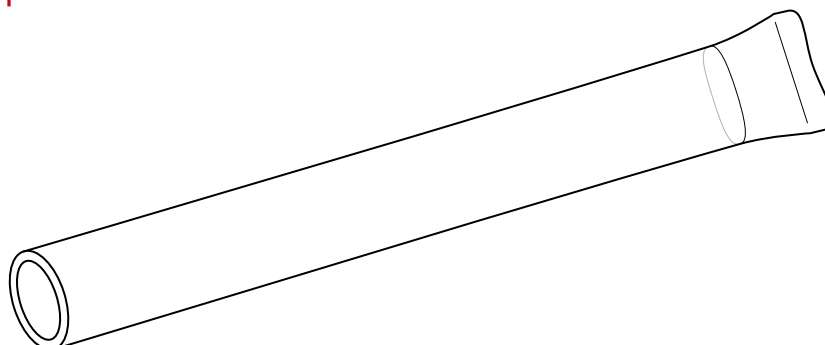
- Turn braid, remove inner insulation, white foil and heating wire.
- Shorten supply conductors on one side.
- Do not damage the insulation of the supply conductors.
- The heating wire must not touch the protective braid!

1.3 Apply silicone

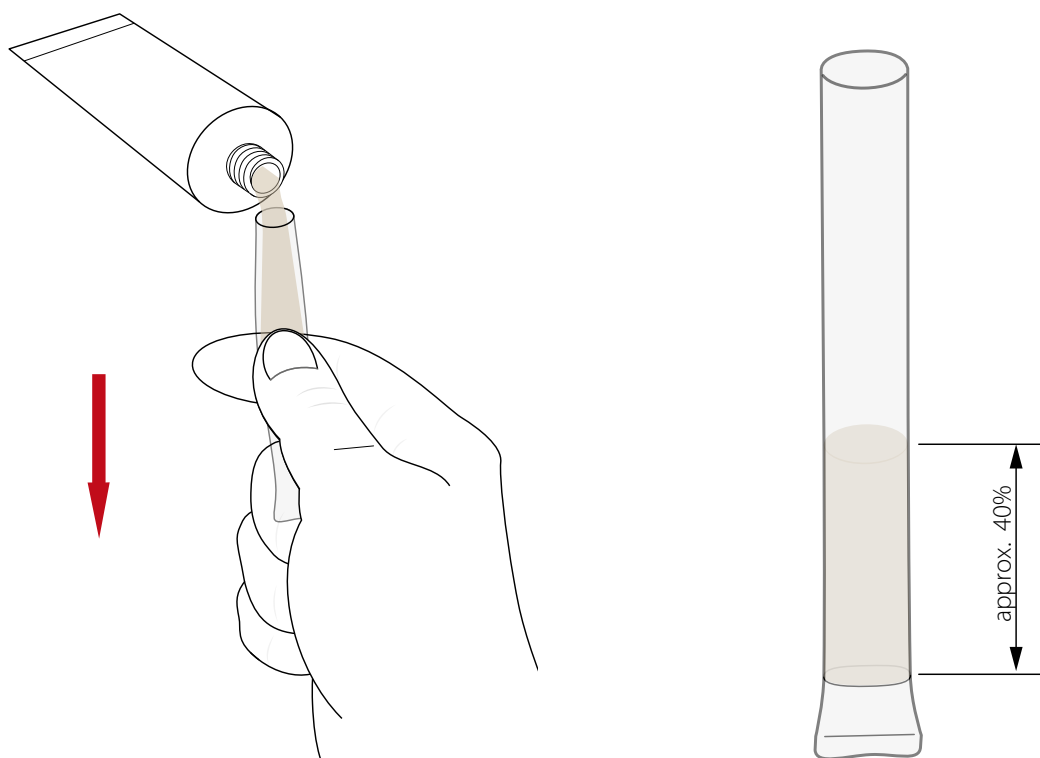


Distribute silicone completely and evenly on the end of the heating cables.

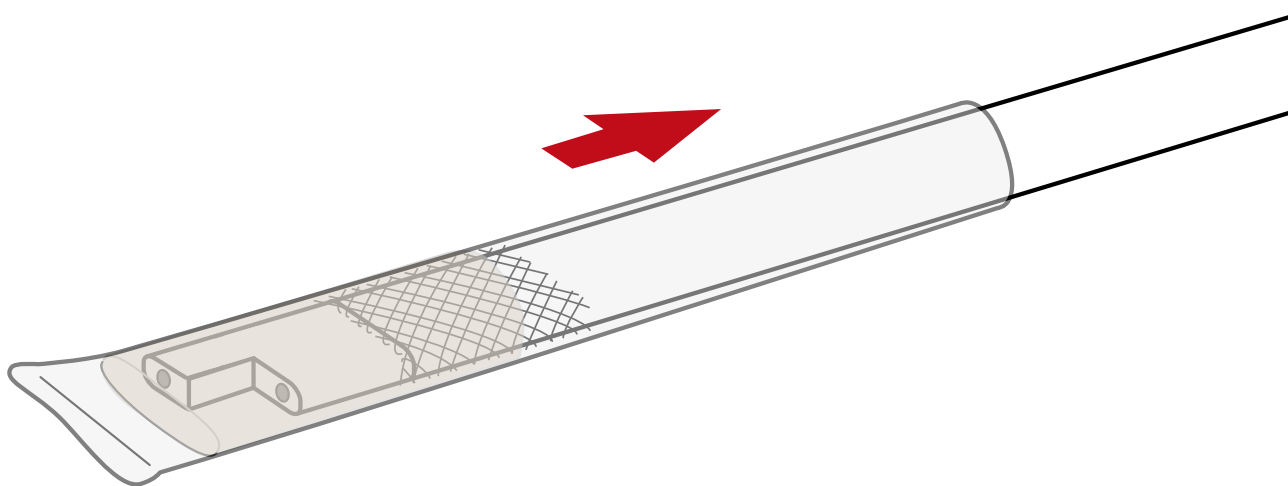
1.4 Mount end cap



Check end cap to ensure it is not damaged.



When adding the silicone, push down into the end cap to eliminate air pockets.

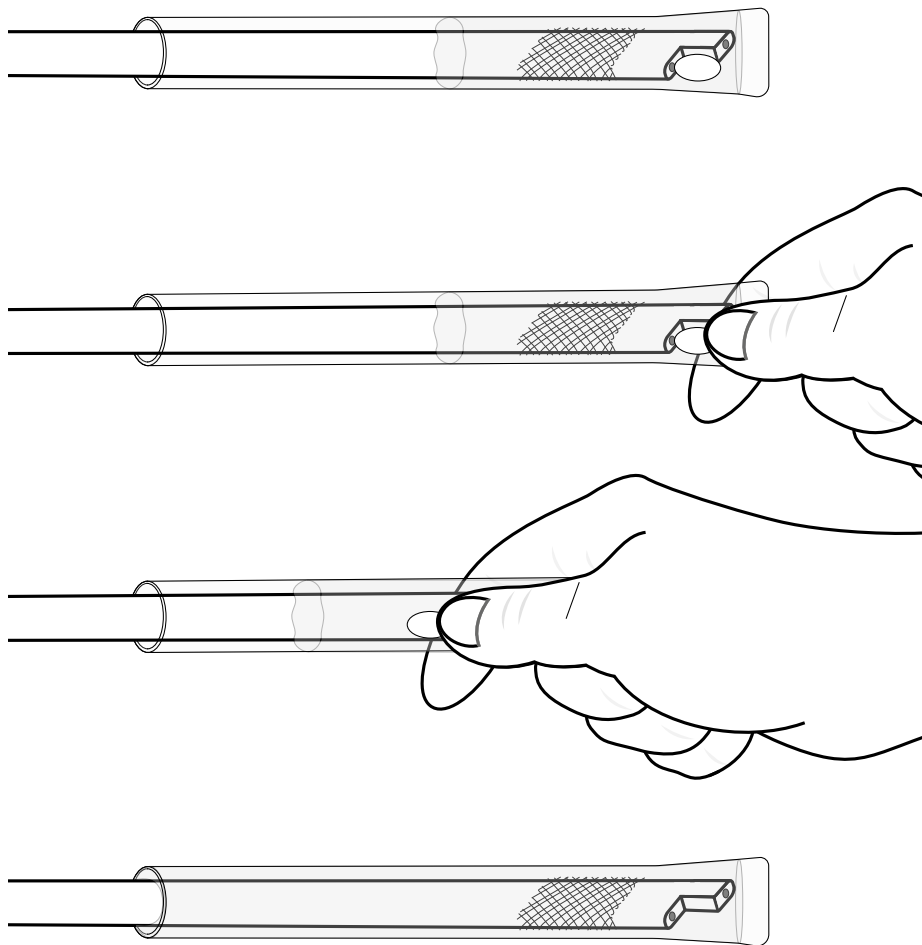


Push the end cap as far as it will go onto the end of the heating tape. Inspect visually to ensure tight fit and for leaks. Then the heating tape is ready for operation immediately



WARNING

Installation of a termination set by sliding on the silicone end cap **without** adhesive is not permitted!



Press out any air pockets in the silicone adhesive by hand and spread the silicone adhesive in the end cap.



You can find helpful downloads for this or other products under the following link:

<https://eltherm.com/downloads>



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