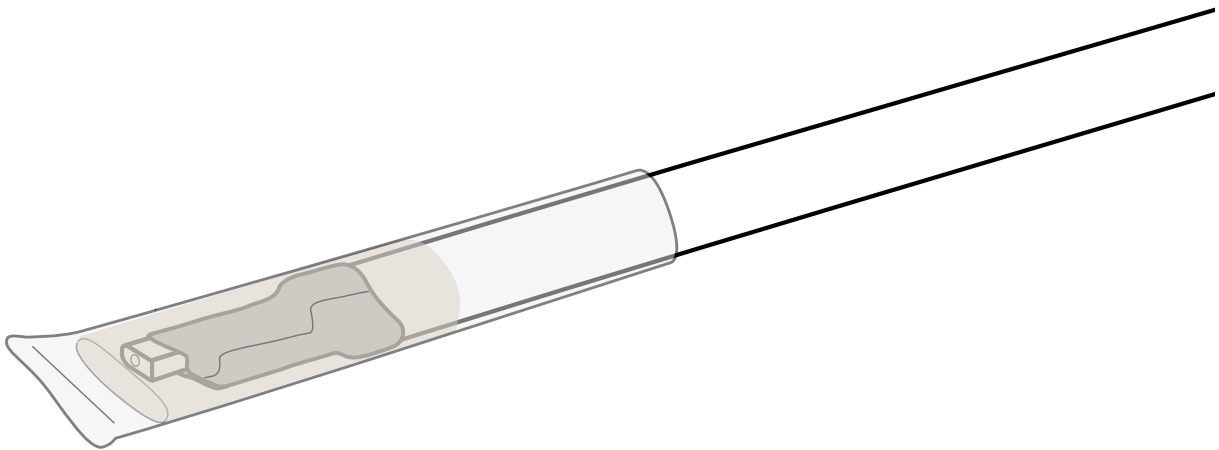


ASSEMBLY INSTRUCTIONS



EL-ECRA

End termination kit for ELSR-RAMP

CONTENTS

Topic	Page
RECOMMENDED TOOLS	4
CONTENTS OF END TERMINATION KIT	4
EL-ECRA (article no. 09112RA)	4
PREPARE TRACE HEATER	5
Remove outer jacket	5
Cut the insulation & supply conductor on one side	6
Apply sealing tape	6
Mount end cap	8

IMPORTANT INFORMATION

- RETAIN FOR LATER USE



For proper and safe use of the EL-ECRA end termination kit for ELSR-RAMP self-regulating trace heaters, please follow these instructions. Please keep these instructions for future reference (e.g. 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

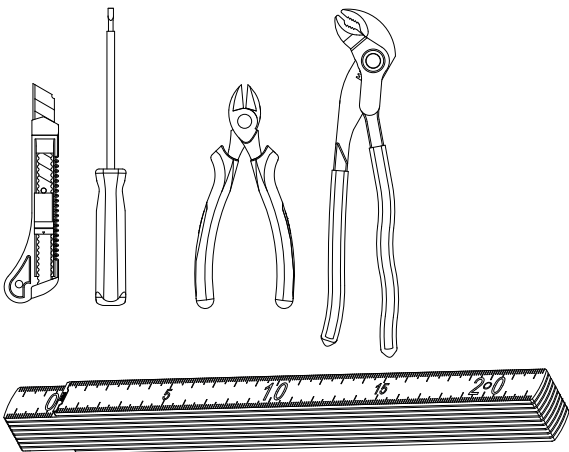
Refers to a dangerous situation.
If it is not prevented there is risk of injury or at least a high risk of material damage.

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.

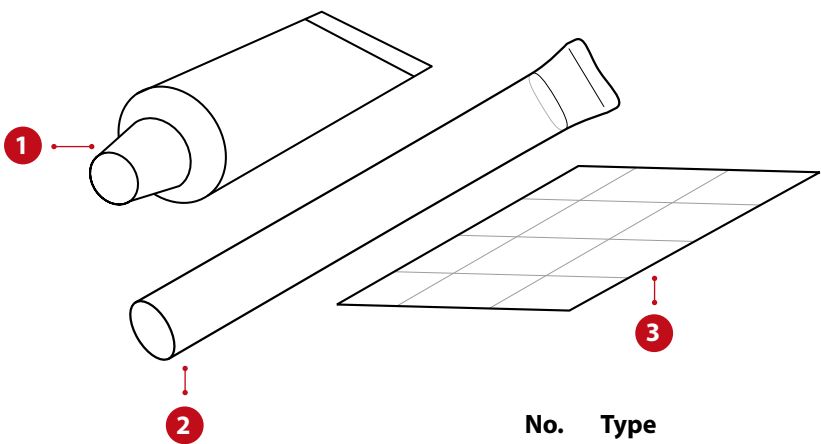
eltherm GmbH Ernst-Heinkel-Str. 6-10 57299 Burbach T.: +49 2736 4413-0 F.: +49 2736 4413-50 info@eltherm.com	Document: 86430409112RA		Assembly instructions EL-ECRA	
	Author:	Peter Schmidt	Date:	02.10.2012
	Revision: 01	Maximilian Georg	Date:	23.06.2026

RECOMMENDED TOOLS



CONTENTS OF END TERMINATION KIT

EL-ECRA (article no. 09112RA)



No.	Type	Quantity
1	Silicone adhesive; "EC" blue, 5 gr.	1 Unit.
2	End cap EL-ECRA; Silicone, transparent	1 Unit.
3	Sealing tape; 35 x 35 mm	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 completion check insulation resistance (min. 500VDC, recommended 2500VDC, min. 20MΩ)



NOTE

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



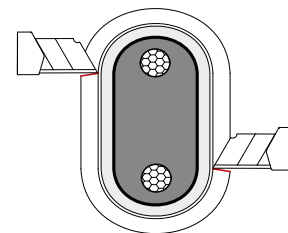
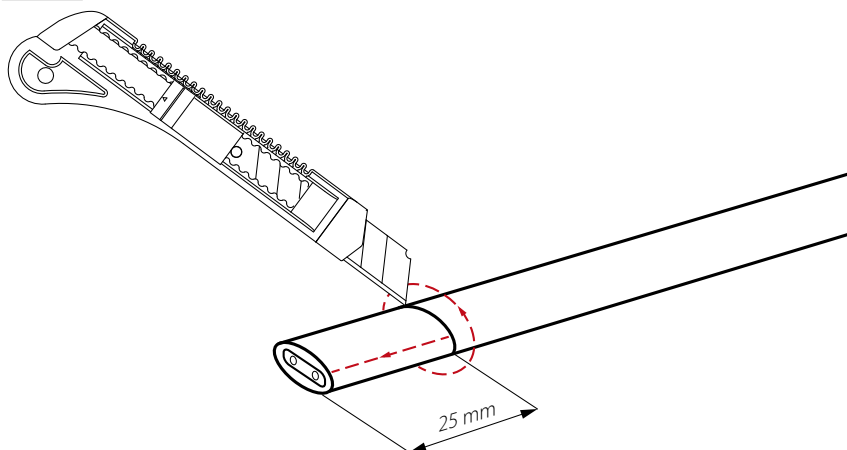
WARNING

De-energize trace heater prior to termination work!

PREPARE TRACE HEATER

Remove outer jacket

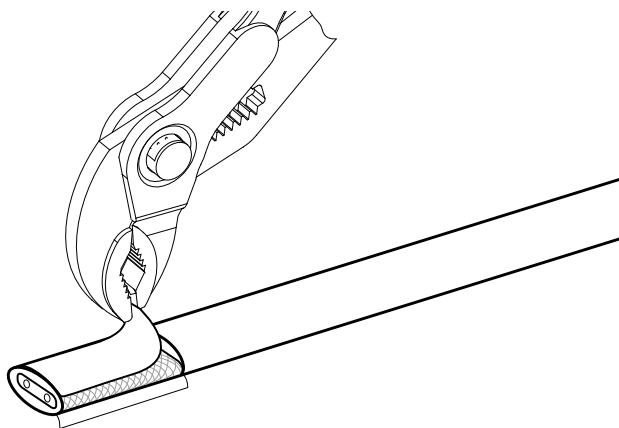
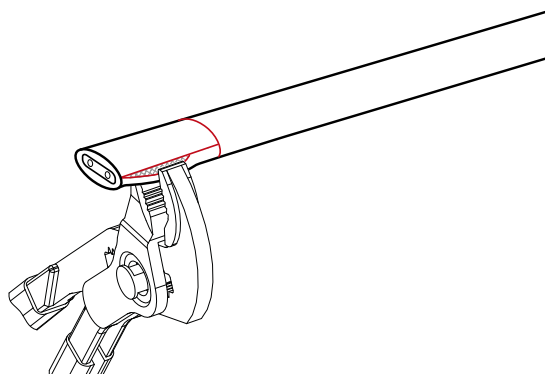
1.



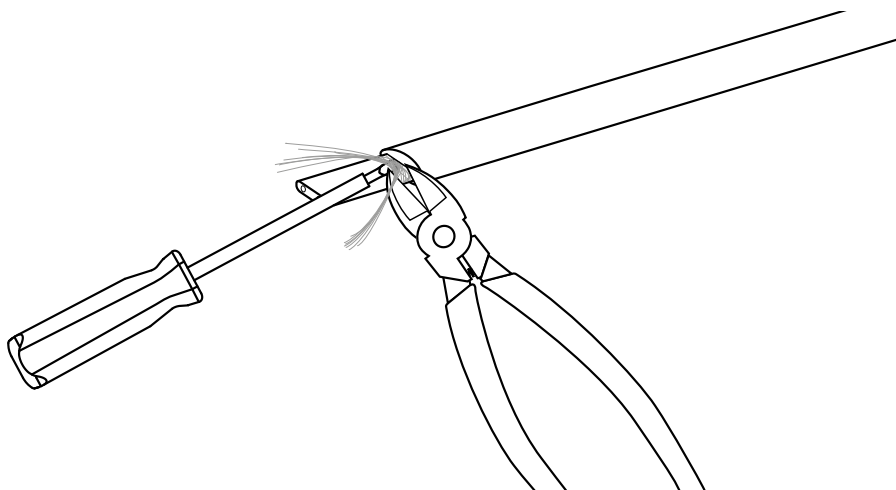
ATTENTION

Do not damage the insulation!

- Carefully cut the outer jacket radially.
- Carefully cut the outer jacket lengthwise on each side.



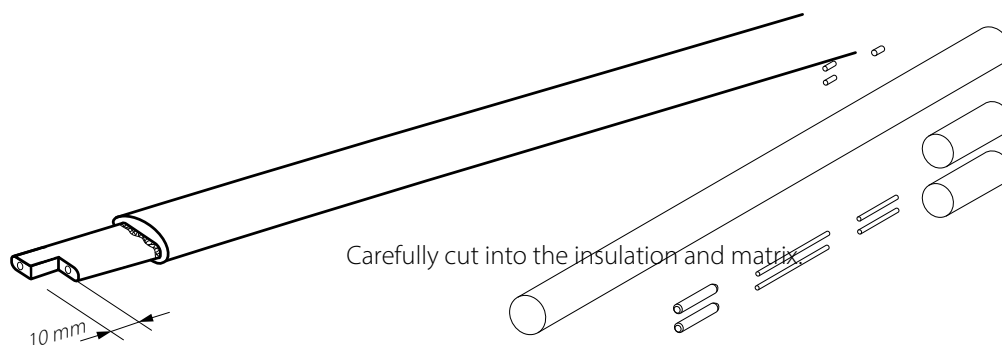
Carefully remove the outer jacket.
(Repeat on the opposite side)



Unpick braid carefully, pull straight and cut even with the outer jacket.

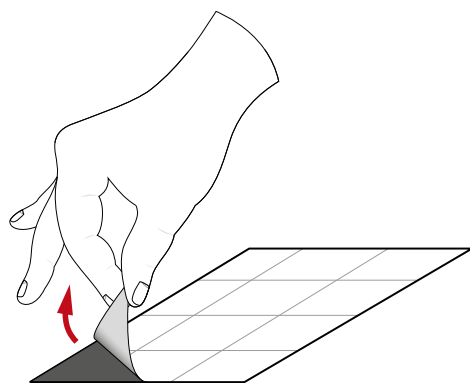
Cut the insulation & supply conductor on one side

2.

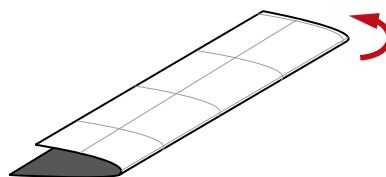


Apply sealing tape

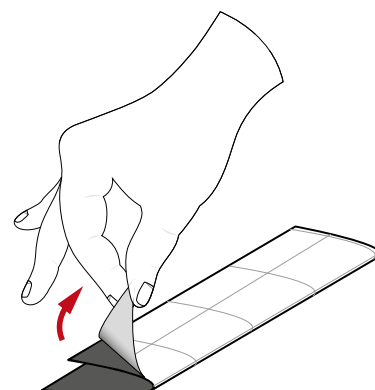
3.



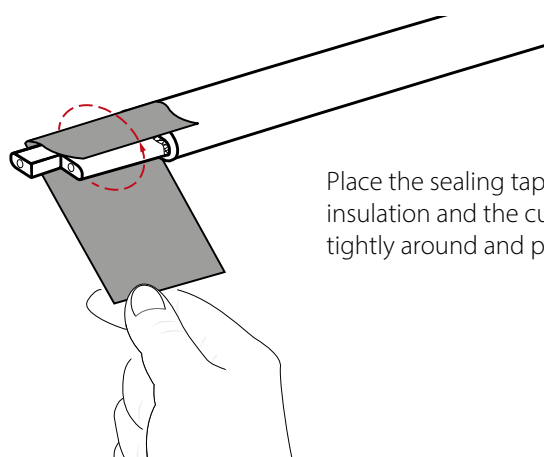
Remove masking paper from one side of the sealing tape.



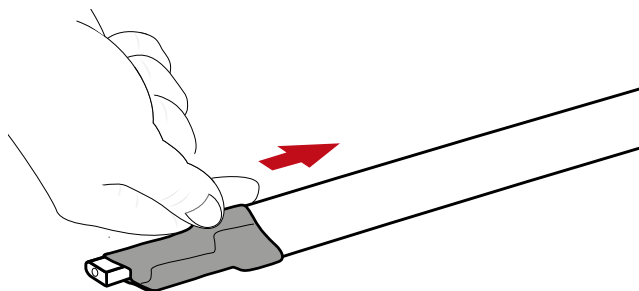
Fold sealing tape in longitudinal direction and tape it down.



Remove masking paper from sealing tape.



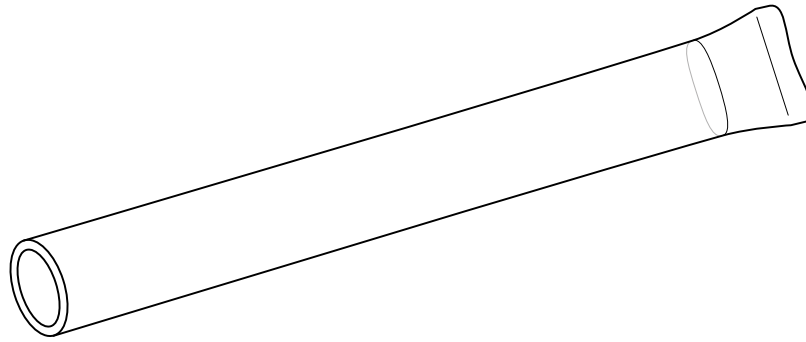
Place the sealing tape on the insulation and the cut section, wrap it tightly around and press it down.



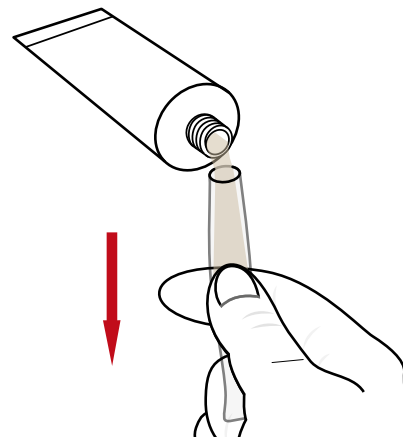
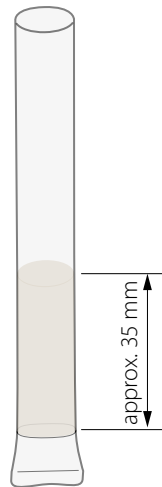
Apply the sealing tape to the outer jacket and the braid.

Mount end cap

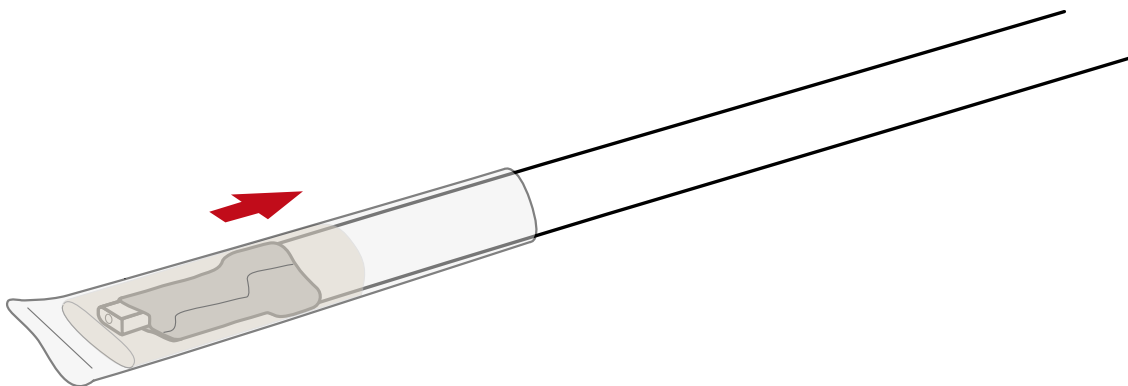
4.



Check end cap to ensure it is not damaged.



To fill the silicone, squeeze the end cap so that the silicone is drawn into the end cap by the suction effect.

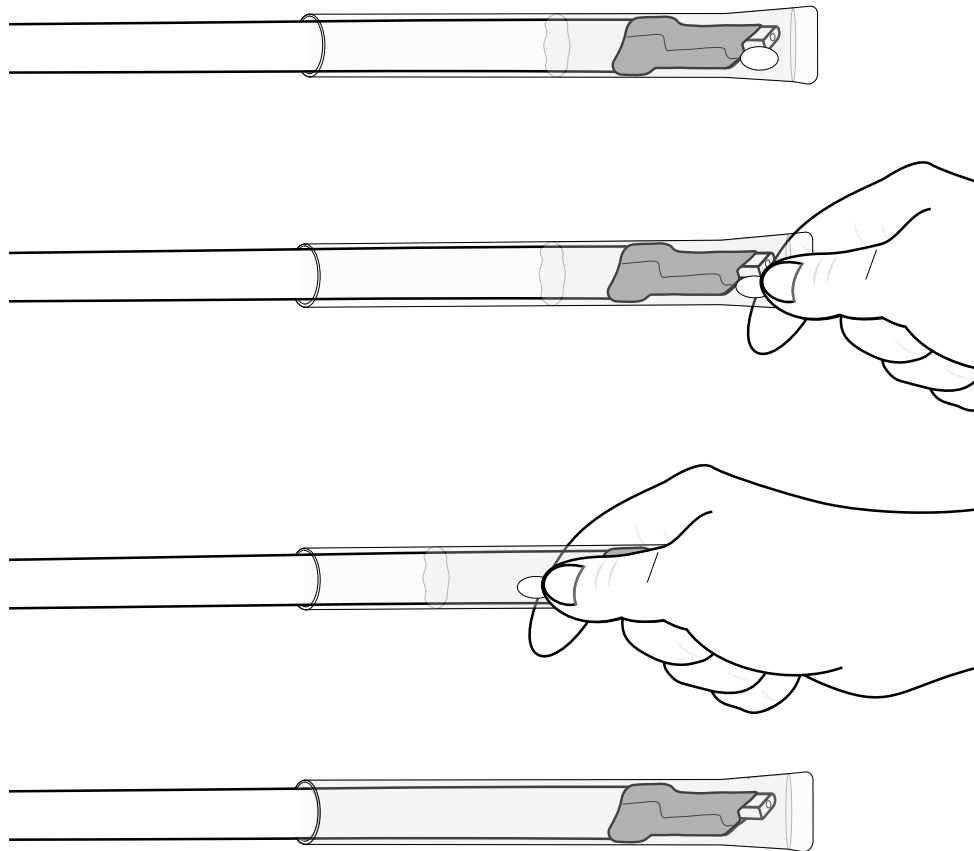


Push the end cap as far as it will go onto the end of the trace heater. Inspect visually to ensure tight fit and for leaks. Then the trace heater is ready for operation immediately.



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.



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Visit our download area.