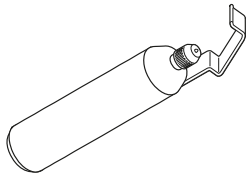**Safety information**

Roxtec recommends that all Installations are performed without facility operation. Follow national regulations and installation codes. Any action affecting the routed service should be performed according to manufacturer recommendations.

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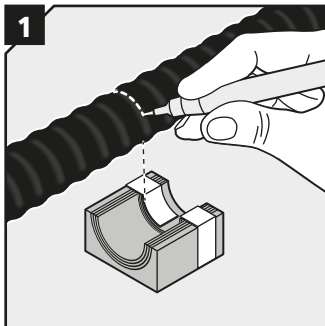## Installation instructions cable preparation

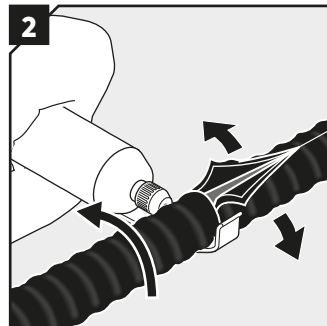## Recommended tools
(Not included)

Cable stripper tool.
Recommended by the cable manufacturer.
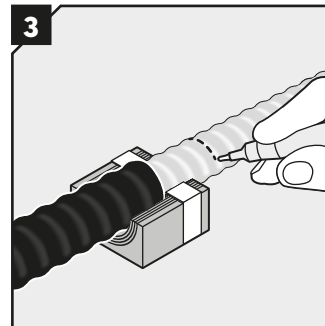
Preparation of metal clad and Teck cable
Finishing of interlocked and continuous welded armor.

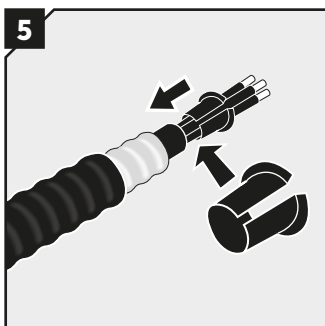

On the cable, mark where outer jacket is to be removed.

Remove the outer jacket with a tool recommended by the cable manufacturer. Make sure not to damage the cable armor. Remove any protection tape or plastics.
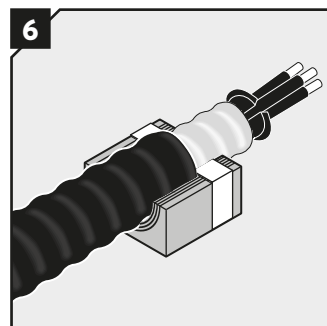

On the armor, mark with a pen where the armor is to be cut. The armor shall extend outside the module after installation according to step 6.
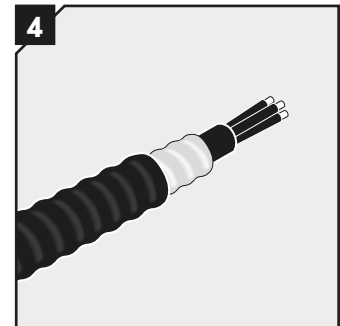
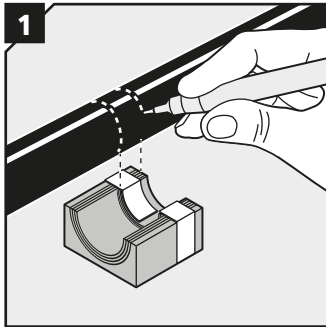Cut the cable armor at the mark with a tool recommended by the cable manufacturer. Make sure not to damage the cables.

When required for inner conductor protection, fit an anti-short bushing or similar at the end cut of the cable armor.

Make sure that the armor extends beyond the edge of the module and that the anti-short bushing is in place where applicable.

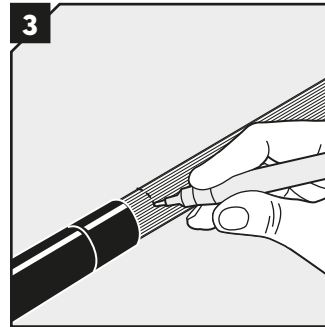# Preparation of SWA cable alternative 1

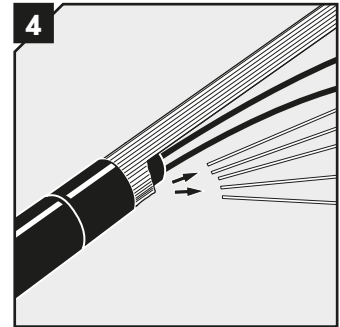Finishing the end of cable armor with piece of cable jacket.

1

On the cable, make two marks where the outer jacket is to be cut.
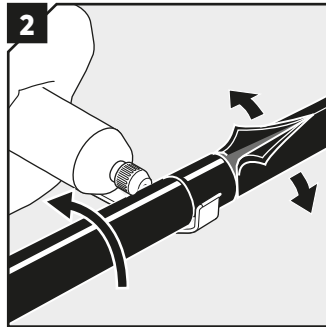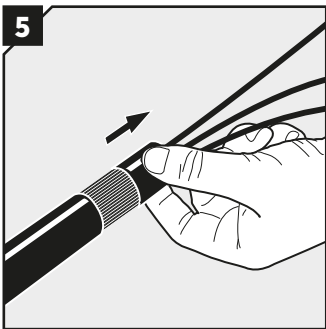
2

Cut the outer jacket at the two marks with a tool recommended by the cable manufacturer. Make sure not to damage the cable armor. Remove excess jacket.
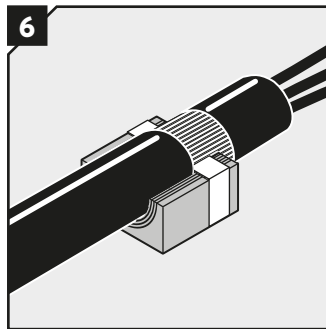
3

Mark where the armor is to be cut. The remaining armor shall accommodate both the braid of the module and the piece of cable jacket according to step 6.
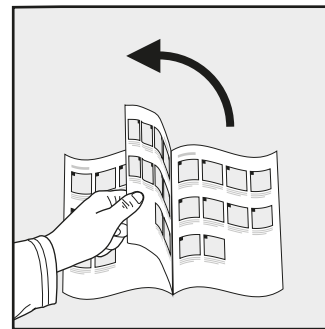
4

Cut the armor at the mark with a tool recommended by the cable manufacturer. Make sure not to damage the cables.

5

Pull the piece of cable jacket away to cover the end of the armor. The exposed armor shall accommodate both the braid and the remaining rubber of the module.
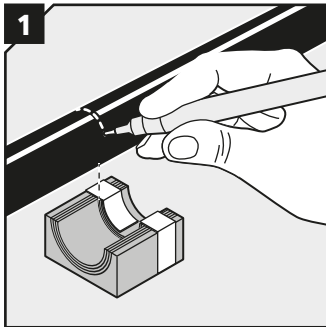
6

Make sure that the piece of cable jacket is completely outside the module.
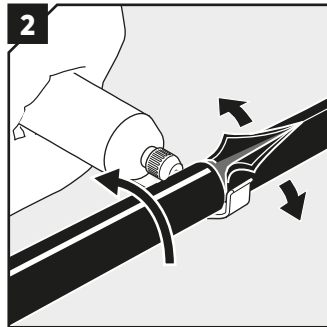
See next page for alternative 2.
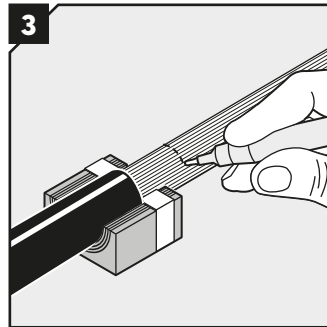
Preparation of SWA cable alternative 2

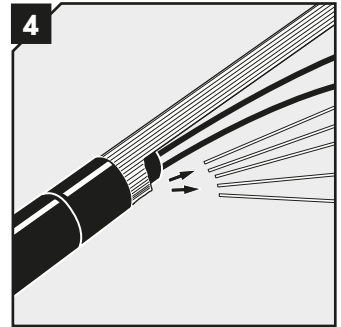Finishing the end of cable armor with shrink tube or tape.

1
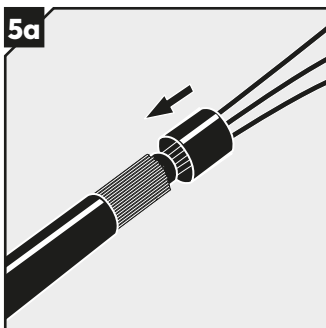
On the cable, mark where outer jacket is to be cut.

2

Cut the outer jacket at the mark with a tool recommended by the cable manufacturer. Make sure not to damage the cable armor.
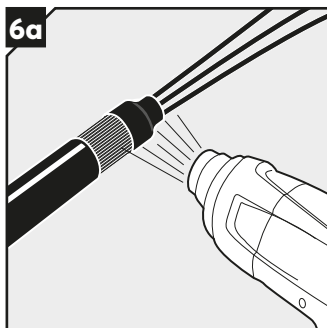

3

Mark where the armor is to be cut. The remaining armor shall accomodate both the braid of the module and the piece of shrink tube according to step 7a or 7b.
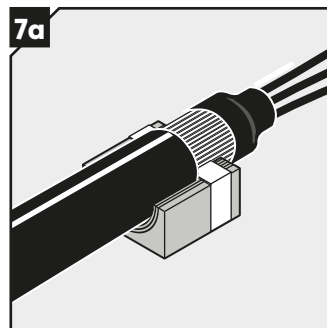

4

Cut the armor at the mark with a tool recommended by the cable manufacturer. Make sure not to damage the cables.

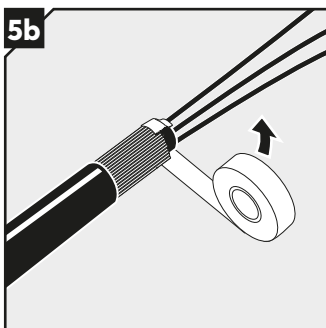**5a**

Cover the end of the armor with a piece of shrink tube.
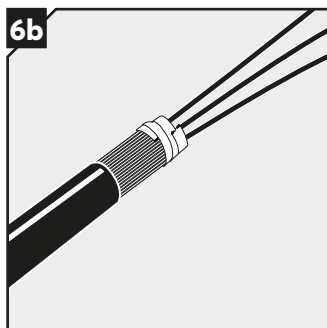
6a

Use a hot air gun to shrink the tube.

7a

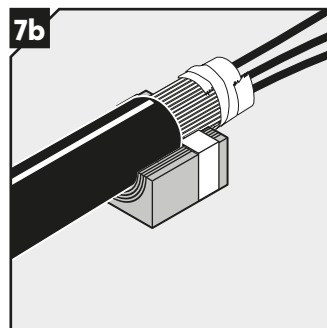Make sure that the shrink tube is completely outside the module.
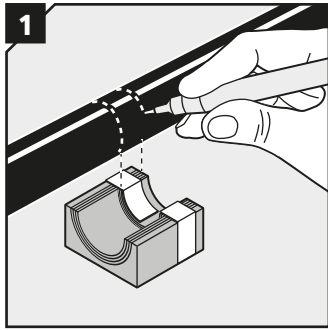
Alternative

5b

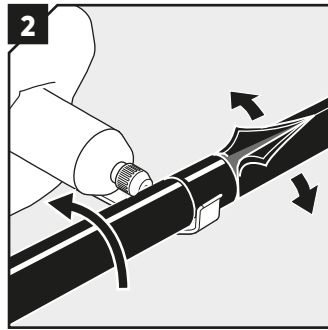Secure the end of the armor with tape.

6b

7b

Make sure that the tape is completely outside the module.

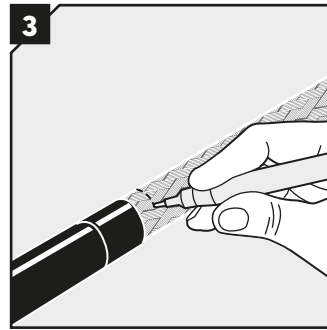# Preparation of braided cable alternative 1

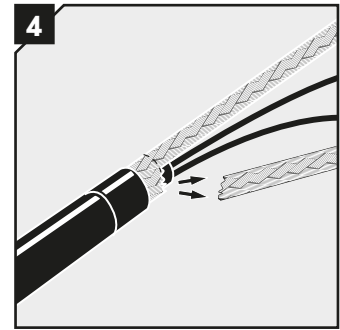Finishing the end of cable armor with piece of cable jacket.

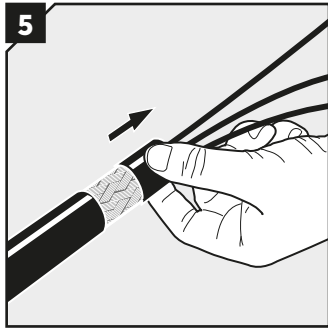On the cable, make two marks where outer jacket is to be cut.

Cut the outer jacket at the two marks with a tool recommended by the cable manufacturer. Make sure not to damage the cable braid. Remove excess jacket.
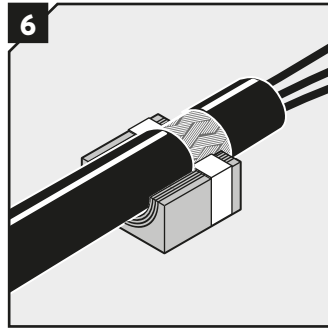

Mark where the cable braid is to be cut. The remaining cable braid shall accomodate both the braid of the module and the piece of cable jacket according to step 6.
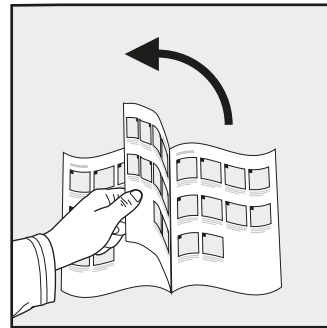

Cut the braid at the mark with a tool recommended by the cable manufacturer. Make sure not to damage the cables.

Pull the piece of cable jacket away to cover the end of the cable braid. The exposed cable braid shall accommodate both the braid and the remaining rubber of the module.
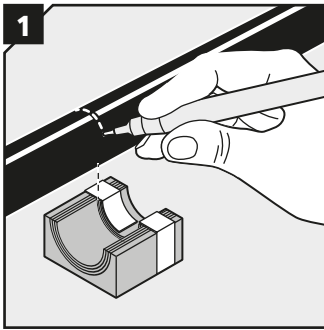

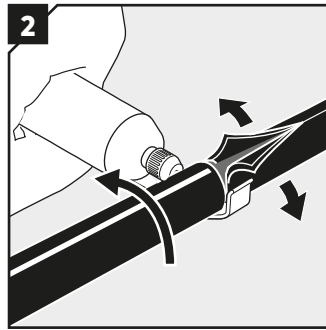Make sure that the piece of cable jacket is completely outside the module.

See next page for alternative 2.
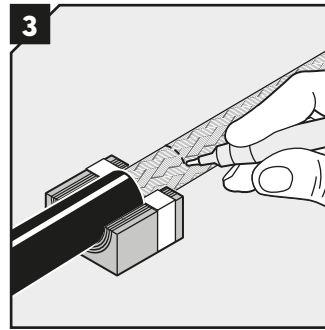
Preparation of braided cable alternative 2

Finishing the end of cable braid with shrink tube or tape.

1

On the cable, mark where outer jacket is to be cut.

2

Cut the outer jacket at the mark with a tool recommended by the cable manufacturer. Make sure not to damage the cable braid.
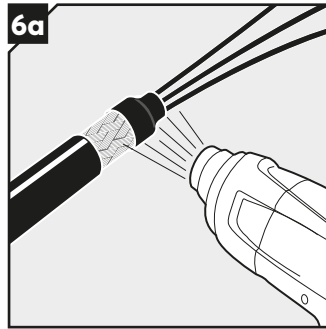
3

Mark where the braid is to be cut. The remaining cable braid shall accommodate both the braid of the module and the piece of shrink tube according to step 7a or 7b.
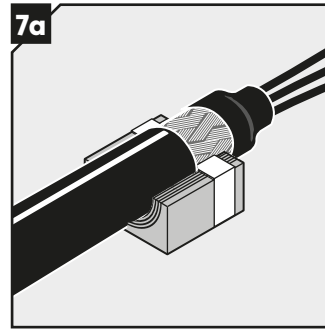
4
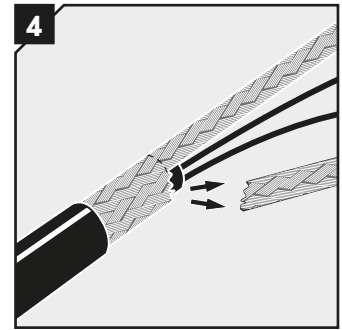
Cut the cable braid at the mark with a tool recommended by the cable manufacturer. Make sure not to damage the cables.

5a
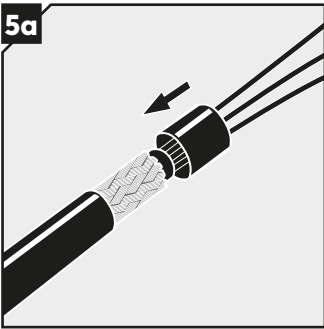
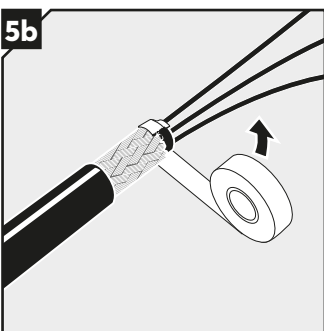Cover the end of the cable braid with a piece of shrink tube.
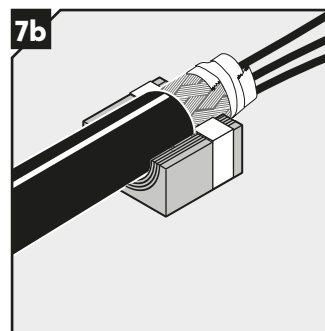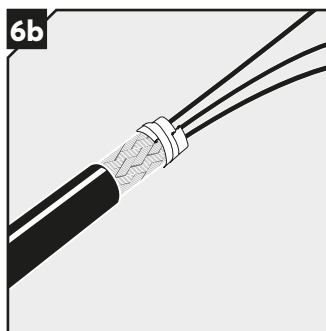
6a

Use a hot air gun to shrink the tube.

7a

Make sure that the shrink tube is completely outside the module.

Alternative

5b

Secure the end of the cable braid with tape.

6b

7b

Make sure that the tape is completely outside the module.

Note

⦿ Anti-short bushing is not supplied by Roxtec.

⦿ Approvals or certificates may include amendments or limitations related to this application.

⦿ The latest version of this and related documents are found at roxtec.com.

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