

User manual for CLY 370 MSC/2544 - Stripping tool for bonded screens on elastomeric cables and peelable semi-conductive layer.

A – Stripping of bonded screens

1. Preparation of cable

Clean the cable

Put silicon grease on the bonded semi-conductor



2.1. Preparation of tool

Open the tool body by unscrewing nut (11).

Pull the two parts of the body apart.

Loosen the screw by turning the bolt (8) by 180° - do not unscrew completely!

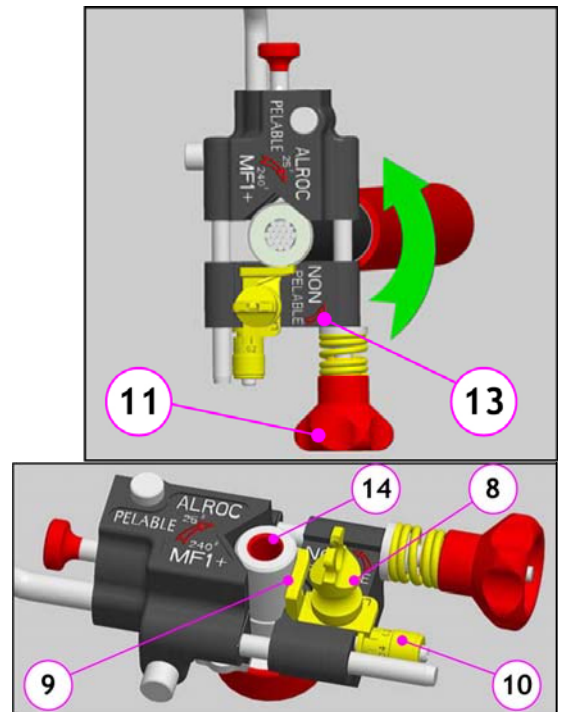
Retract the blade (9) completely by turning screw (10) as far as it will go.

If available, use tool PLHMF for presetting the correct depth.

Preset the tool stop (7) by pushing the button (2) and select the remaining length of semiconductive layer according to the technical data sheet of the joint supplier.

The tool allows the following steps:

30 – 40 – 45 mm (see marking on the body/picture).



- ☞ The tools must be used on non-live cables by skilled workers who are competent in cable preparation and know about electrical phenomenons.
- ☞ Wearing gloves is obligatory.
- ☞ Clean the tools after each use.

2.2. Bonded semi-conductor removal

IMPORTANT: Check that the removable insert is in position „off“.

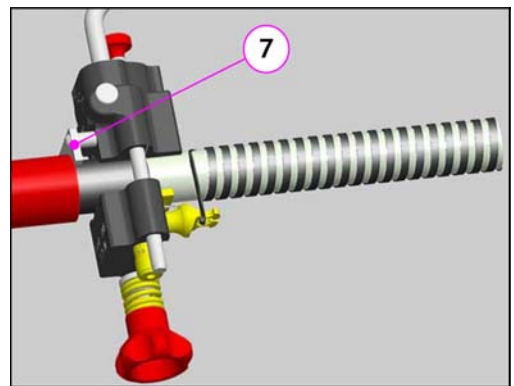
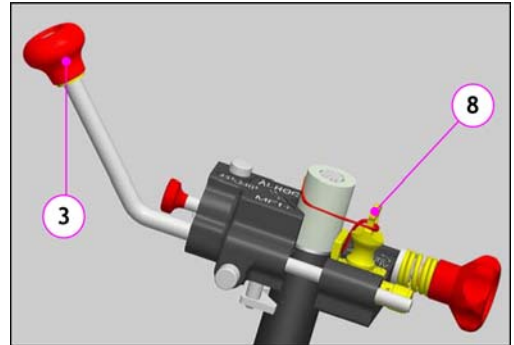
Fit MSC/2544 onto bonded semi-conductor as shown.
Tighten screw (11).

Set the blade (9) to the required depth by turning screw (10) (if not pre-set with PLHMF).

Tighten the bolt (8)

If the black semi-conductive layer is not completely removed, reset blade according to description above.

Rotate the tool BSC1 in the direction indicated by the arrow (7) until the body touches the sheath.



3. Removal of the MSC/2544

Unlock bolt (8)

Remove blade by turning screw (10) (see picture above)

Loosen nut (11)

Remove the MSC/2544

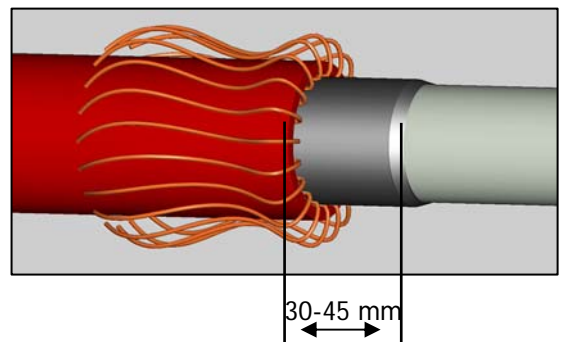
Spare blade

part no. *BSC1ER*



Silicone, tube 35 g

Part no. *Silicone*



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- ⚠ Clean the tools after each use.

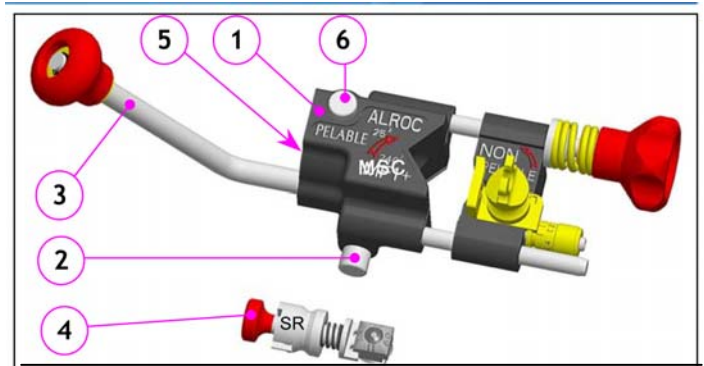
B - Stripping of peelable semi-conductive layer

4. Preparation of cable

Before starting preparation of the cable, clean the cable, straighten it out and check that its end is straight and clean.

The outer cable sheath must be removed.

Use grease or silicone for better gliding of the tool.



4.1. Preparation of tool

Press button (2) and completely insert the handle (3) as shown in the picture.

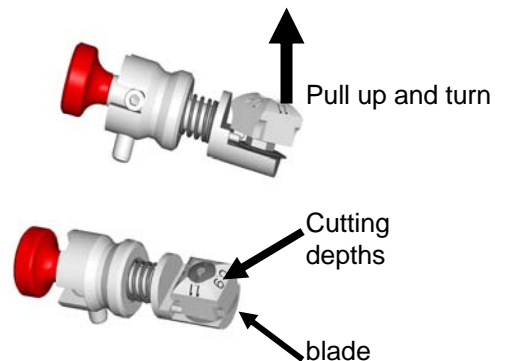
Turn the handle (3) until it locks.

Removable insert with blade for peelable semi-conductive layers:

If it is not in place already, put the complete insert in by pushing the button (6). Pull the knob (4) and turn to „on“-position.

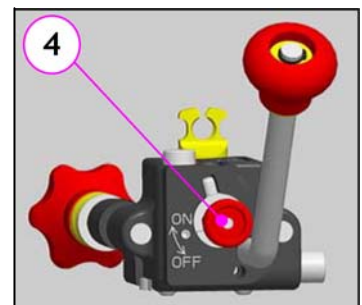
Select the correct cutting depths of the removable insert as shown in the picture: pull up the knob marked with the cutting depths and turn it until the desired cutting depths points to the blade, release the knob so that it snaps audibly back into place.

You can choose: 0,4mm/0,7 mm/0,9mm/1,1mm



Put the removable insert with blade (4) into its position by pushing the button (6) as shown in the picture.

Turn the knob (4) to "on"-position.



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- ☞ Wearing gloves is obligatory.
- ☞ Clean the tools after each use.

Place the tool on the cable end and screw it in place by turning the red nut (11).

The position of the tool on the cable is shown in the picture to the right.

Preset the tool stop (7) by pushing the button (2) and select the remaining length of semi conductive layer according to the technical data sheet of the joint supplier.

The tool allows the following steps:

30 – 40 – 45 mm (see marking on the body/picture)

Turn knob (4) to “on”-position.

Peel off the screen by rotating the tool in the direction indicated on the tool (12) and by the green arrow in the picture. Make four complete turns.

Check that you can peel off the semi-conductive layer and no marking remains on the insulation - if the layer cannot be removed, or marks remain on the insulation, change the setting of the blade according to the description in 4.2.

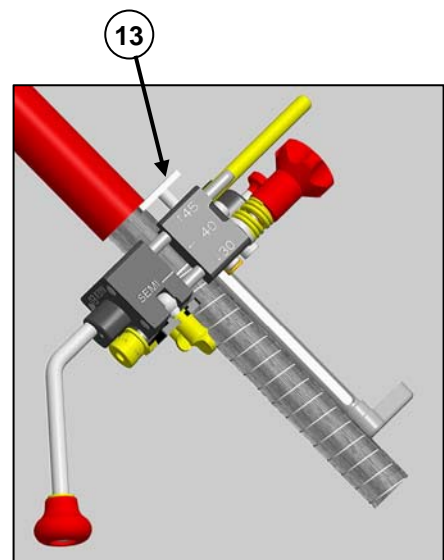
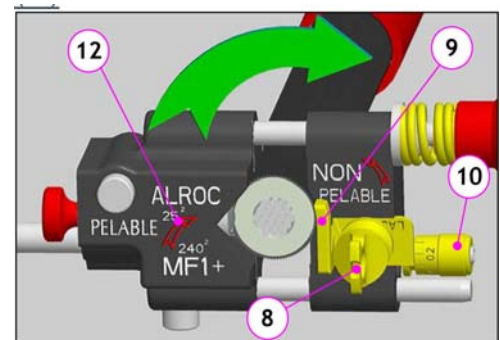
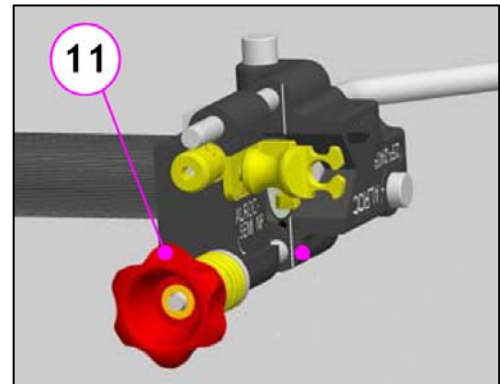
To stabilize the tool, unlock screw (8), advance blade (9) by turning knob (10) so that it touches the semi-conductive layer. Lock screw (8).

The removable insert can be taken out whilst the tool's body remains on the cable in its position.

The peeling is finished when the stop (13) comes in contact with the outer sheath.

Put knob (4) to “off”-position and remove the tool.

The semi-conductor has to be removed manually.



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- ⚠ Clean the tools after each use.