

TC-278-IP
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Heat-shrinkable wraparound sleeve for grounding of cable screens

Kit content



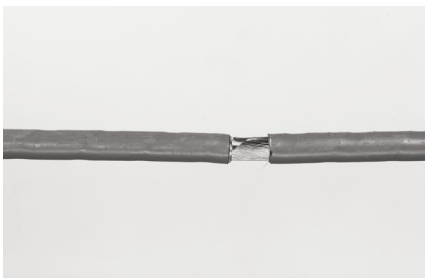
- Heatshrinkable wraparound sleeve.
- Stainless steel channel.
- Grounding wire 25mm²
- copper mesh
- Roll spring
- Cleaning tissue.
- Abrasive strip.
- Aluminium cable tape.
- Adhesive strip
- Installation instruction

Safety recommendation

Use safety glasses and safety gloves when working with open flame.
Recommended torch: Propane torch eg. CommScope torch FH-1630-PIE.

Dimensions in mm

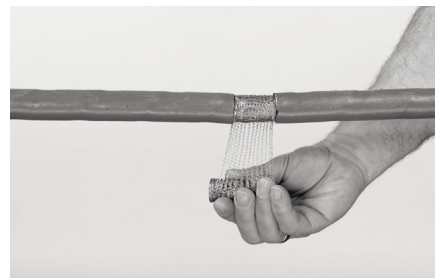
RWGK-C size	Min. cable ø	Max. cable ø
30/15-250	15	30
40/20-250	20	40
55/30-250	30	55
90/50-250	50	90



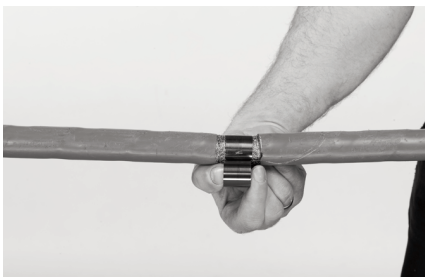
1 Remove outer PE jacket over a distance of 40 mm.



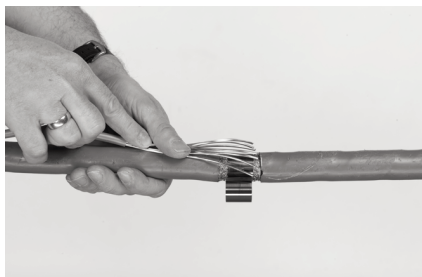
2 Clean cable jacket and screen completely with cleaning tissue.



3 Wrap 3 layers copper mesh over the screen.



4 Place 1 wrap of the roll spring over the copper mesh.



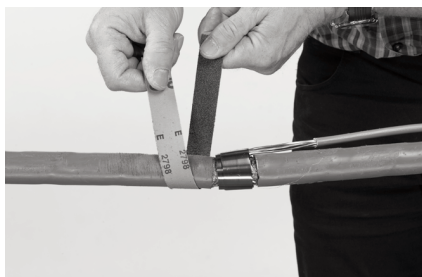
5 Strip the grounding wire over a length of 14 cm. Spread the wires and place them on the roll spring.



6 Apply another wrap of the roll spring. Bend the grounding wire to the other side.



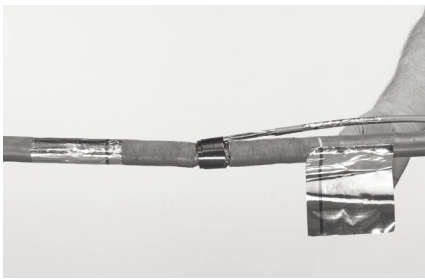
7 Roll the rest of the roll spring over it.



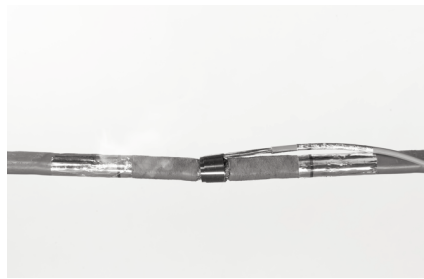
8 Abrade the cable jacket circumferentially over a distance of 10 cm at both sides of the roll spring.



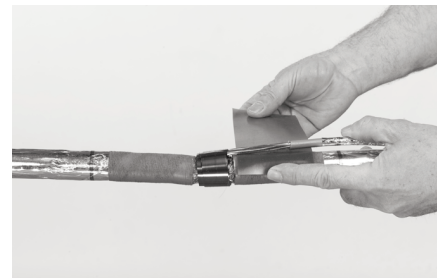
9 Center the sleeve and mark the sleeve ends on the cable.



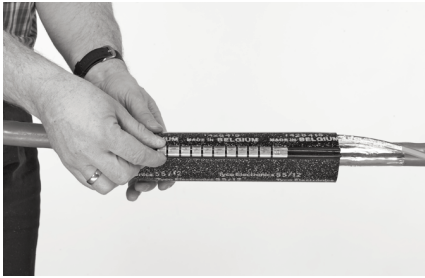
10 Apply the aluminium foil to the cables, positioning the blue line at the mark of the bond length. Smooth the aluminium foil with a blunt tool.



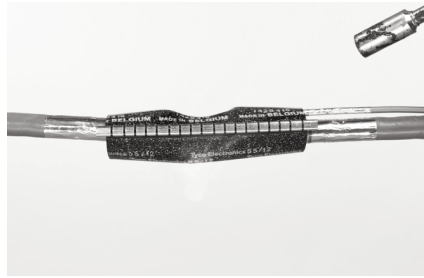
11 Flame brush the cable jacket between the aluminium tapes for about 10 seconds. Make sure to treat the entire jacket surface with flame.



12 Apply the adhesive strip, starting under the grounding wire and ending over the wire.



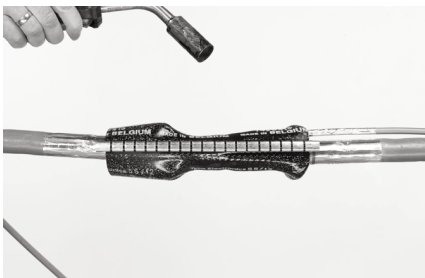
13 Position the sleeve. Pull stainless steel channel over the rails.



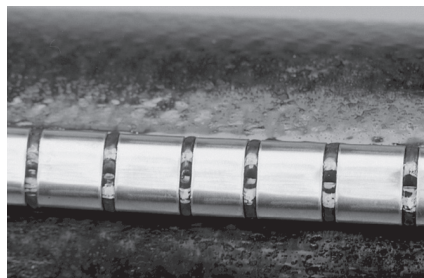
14 Start heating in the centre of the sleeve.



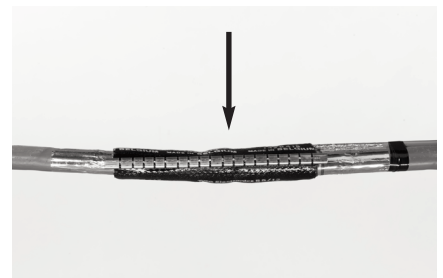
15 Shrink sleeve circumferentially until the temperature sensitive paint has changed from green to black.



16 Shrink gradually and progressively the sleeve to one end moving the flame circumferentially around the closure. Return to the starting point at centre and repeat for the other half.



17 When all the paint has changed, white lines should be visible underneath the channel. If at any point the white lines are not visible then heat the sleeve at that point until they appear.



18 Give 10 seconds extra postheating in the zone next to the roll spring/ direction grounding wire (see picture).

Allow the sleeve to cool down undisturbed for at least 15 minutes.