

ELE-3COP-254

Title – Cable Jacket Stripping.

Before starting work please read this document carefully and note the guidance given.

1 Purpose and Scope

This COP describes the procedure to be used when stripping cable and component wire jackets. The instructions in this document take preference over IPC/WHMA requirements, as do the drawing and any customer documentation.

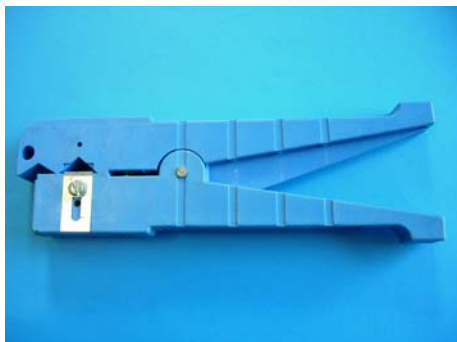
2 Performance Objective

This code of practice is produced to support operators already trained in the installation of heat shrinkable and harnessing products. It identifies the procedure to be used when stripping cable and component wire jackets.

3 Materials and Equipment:

Ideal Strippers

Cable Dia. (mm)	Part No.	Replacement Blade Set Part No.
Up to 3.1 mm	45 – 162 - 341	L9225
3.2mm to 5.5mm	45 – 163 - 341	L9225
4.8mm to 7.9mm	45 – 165 - 341	L9225
6.4mm to 14.3mm	45 – 164 - 341	L9226



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4 Health and Safety

Adhere to local Codes and Regulations relating to Safe Working practices. For the U.K. adhere to requirements of the Health and Safety at Work Act 1974 and subsequent amendments. A knife should never be used for wire stripping as this can easily cause personal injury and conductor damage.

5 Procedure - Cutting

Figure 1

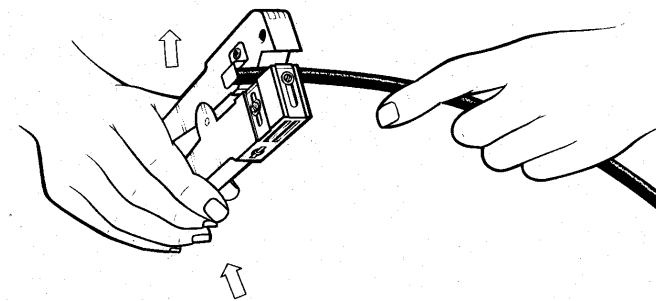
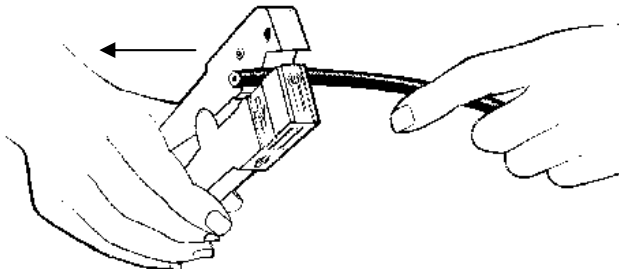


Figure 2



Set the depth of one of the side blades and the front blade on the front of the tool to approximately 75% of the thickness of the Cable Jacket.
Position the tool so that the cable sits into the 'V' notch directly underneath the side blade. Rotate the tool once around its circumference and remove the tool. (See Figure 1)
Flex the cable so as to propagate the notch through the jacket wall.
For short strip lengths, slide off the section of jacket to be removed.
For long strip lengths, position the tool so that the cable sits into the 'V' notch directly underneath the front blade.
Slide the tool along the section of jacket to be removed and remove the tool.
Propagate the notch through the jacket wall thus removing cable jacket. (See Figure 2)

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6 Inspection Requirements

The cut through the insulation shall be clean and the strands shall not be scraped, nicked severed or otherwise damaged.

Strands are not flattened, untwisted, buckled, kinked or otherwise deformed.

7 Visual Standards



ACCEPTABLE



NOT ACCEPTABLE
Insulation not cleanly cut



NOT ACCEPTABLE
Shield opened up



NOT ACCEPTABLE
Shield strands damaged



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Rev No	CR No	Date	Raised	Approved
3	CR06-DM-071	19/04/06	John Cronin	Ken Wallington
4	CR09-DM-018	27/01/09	Paul Newman	Neil Dorricott
5	Visual Identity	06/06/11	Paul Newman	Neil Dorricott

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