

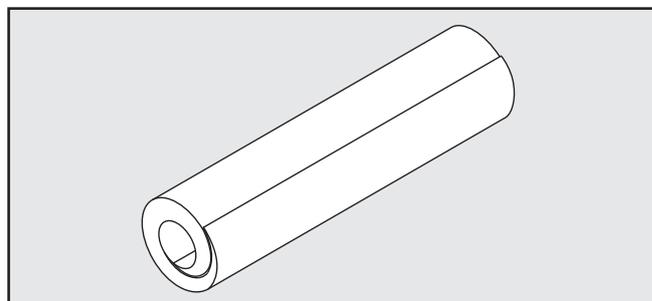


INSTALLATION INSTRUCTIONS

EPP-3736-8/23

MVCC/MVCC-G

Medium Voltage Conductor Cover



TE's Insulation & Protection

Product Information

Part number	Width	Length	Colour	Rolls per box
MVFT-G-2-12 (B4)	50 mm (2 inches)	11 m (12 yards)	Grey	4
MVFT-50-6400	50 mm (2 inches)	6.4 m (21 feet)	Red	1

Product description (metric)	Product Description (US only)	Colour	Application Range (Ø mm)	Application Range (Ø inches)	MVCC Tooling
MVCC-10/.40 (S30)	MVCC-10/.40 (B100)	Red	up to 11	up to 0.45	MVCC-TOOL-10
MVCC-G-10/.40 (S30)	MVCC-G-10/.40 (B100)	Grey	up to 11	up to 0.45	MVCC-TOOL-10
MVCC-19/.75 (S15)	MVCC-19/.75 (B50)	Red	11 - 19	0.45 - 0.75	MVCC-TOOL-19/25
MVCC-G-19/.75 (S15)	MVCC-G-19/.75 (B50)	Grey	11 - 19	0.45 - 0.75	MVCC-TOOL-19/25
MVCC-25/1.0 (S7)	MVCC-25/1.0 (B25)	Red	19 - 28	0.75 - 1.125	MVCC-TOOL-19/25
MVCC-G-25/1.0 (S7)	MVCC-G-25/1.0 (B25)	Grey	19 - 28	0.75 - 1.125	MVCC-TOOL-19/25
MVCC-45/1.75x4 (S7)	MVCC-45/1.75x4 (B24)	Red	28 - 44	1.125 - 1.75	NA
MVCC-G-45/1.75x4 (S7)	MVCC-G-45/1.75x4 (B24)	Grey	28 - 44	1.125 - 1.75	NA
MVCC-90/3.5x4 (S3.7)	MVCC-90/3.5x4 (B12)	Red	44 - 89	1.75 - 3.5	NA
MVCC-G-90/3.5x4 (S3.7)	MVCC-G-90/3.5x4 (B12)	Grey	44 - 89	1.75 - 3.5	NA
-	MVCC-115/4.5X4 (B12)	Red	89 - 102	3.5 - 4.5	NA
-	MVCC-G-115/4.5X4 (B12)	Grey	89 - 102	3.5 - 4.5	NA

Please dispose of all waste according to environmental regulations.



For more information: te.com/energy

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The Information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, TE Connectivity (TE) has no control over the field conditions which influence product installation. It is the user's responsibility to determine the suitability of the installation method in the user's field conditions. TE's only obligations are those in TE's standard Conditions of Sale for this product and in no case will TE be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products.

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Before Starting

- Check to ensure that the kit you are going to use fits the insulator/bushing.
- Refer to the kit label and the title of the installation instructions.
- Components or working steps may have been modified since you last installed this product.
- Carefully read and follow the steps in the installation instructions.

General Information

- Surface should be free of sharp edges or burrs and thoroughly cleaned and degreased before applying.
- Check core preparation dimensions before installing the product.

Cleaning the Cable

- Use an approved solvent, such as the one supplied in the P63 Cable Prep Kit, to clean the cable. Be sure to follow the manufacturer's instructions. Failure to follow these instructions could lead to product failure.
- Some newer solvents do not evaporate quickly and need to be removed with a clean, lint-free cloth. Failure to do so could change the volume resistivity of the substrate or leave a residue on the surface.
- Please follow the manufacturer's instructions carefully.

Safety Instructions

⚠ DANGER

When installing electrical power system accessories, failure to follow applicable personal safety requirements and written installation instructions could result in fire or explosion and serious or fatal injuries.

⚠ DANGER

As TE Connectivity (TE) has no control over field conditions which influence product installation, it is understood that the user must take this into account and apply his own experience and expertise when installing product.

⚠ DANGER

Power distribution and transmission products must be properly selected for the intended application. It must be installed and serviced by competent personnel who have been trained and understand proper safety procedures. These instructions are written for such personnel and are not a substitute for adequate training and experience in safety procedures.

⚠ CAUTION

Read and understand the contents of these instructions before installation and follow all locally approved procedures and safety practices before installing or operating this equipment.

⚠ CAUTION

These instructions cannot cover all details or variations in the equipment, procedures, or processes described, nor provide directions for meeting every possible contingency during installation, operation, or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for the user's purpose, please contact your TE sales representative.

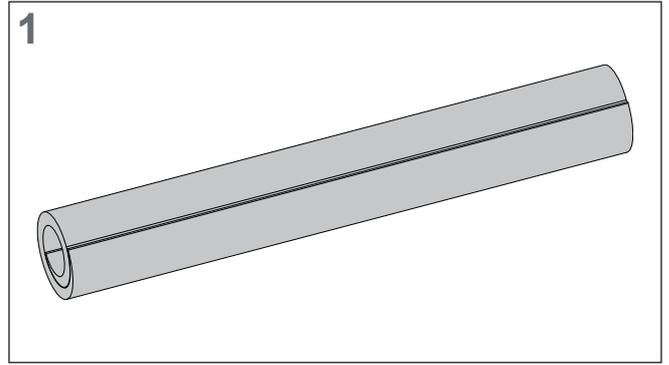
These instructions are not intended to supersede or replace existing safety and operating procedures.

NOTICE

Upon receipt of a product, inspect it thoroughly for damage and loss of parts incurred during shipment. If damage or loss is discovered, file a claim with the carrier immediately or contact your TE representative.

Cut MVCC

Cut the MVCC to length needed for the application.

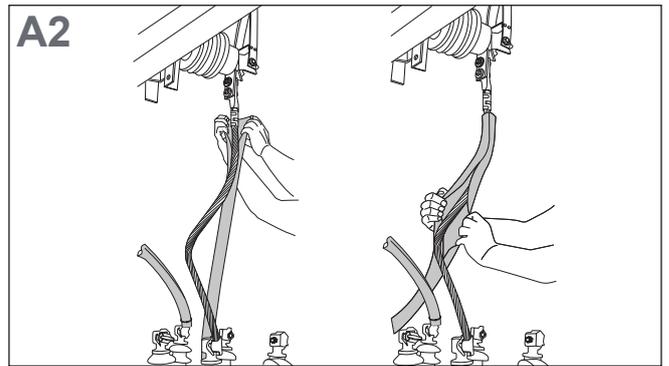


A. Installation by Hand

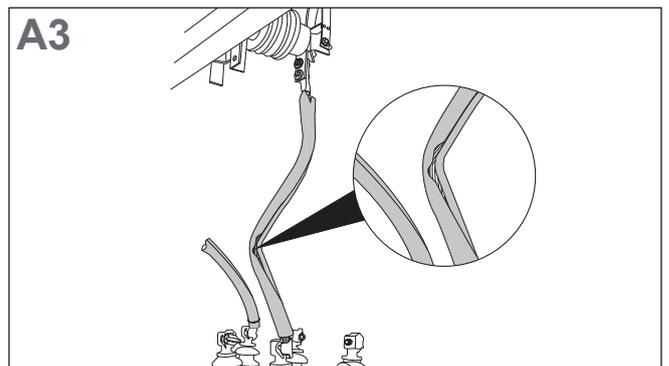
Place MVCC

Spread open one end of the MVCC and place it around the conductor. You can start the MVCC at the top (as shown in the photo) or from the bottom.

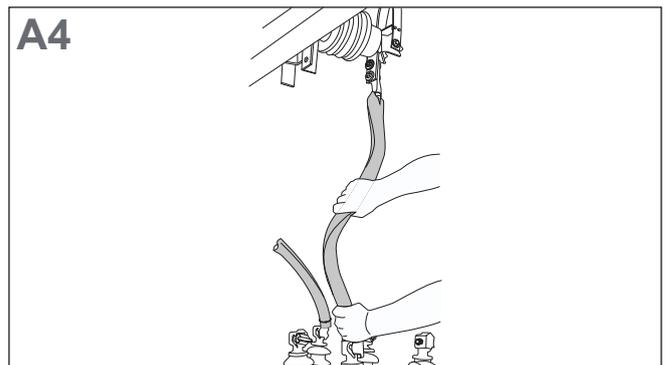
Continue down the length of the MVCC, spreading it open while installing along the conductor.



Remove gaps or kinks once installed, if there are any gaps or kinks along the length of the conductor.



Twist the MVCC cover with both hands in opposing directions along the affected area to remove the kinks and gaps.



B. Installation with MVCC Tool

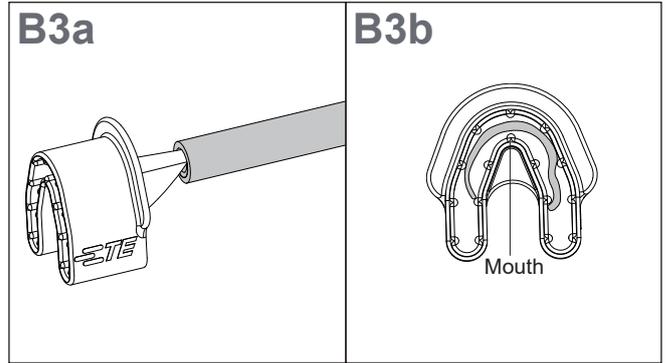
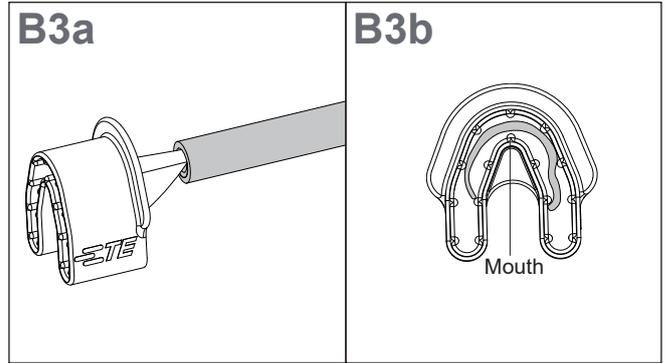
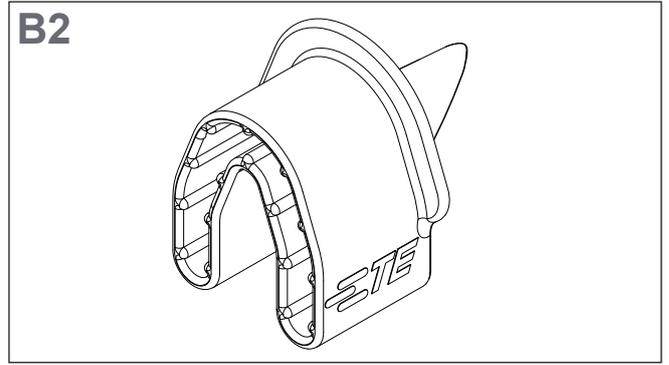
Tooling Information

Please refer to the product summary table for which tooling is used for which product.

Place MVCC

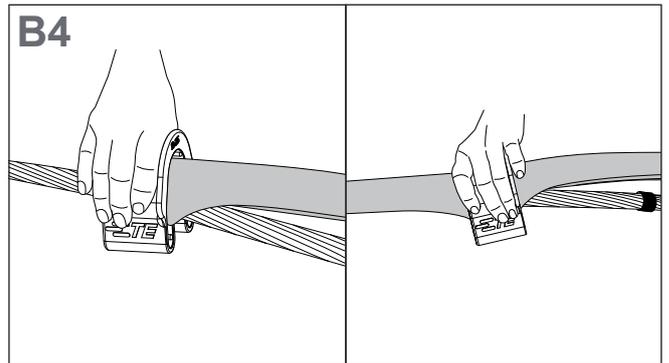
Spread open one end of the MVCC and insert that end into the tool as seen in figure B3a.

Load the MVCC into the mouth, spreading open the material as seen in figure B3b.



MVCC Application with Tooling

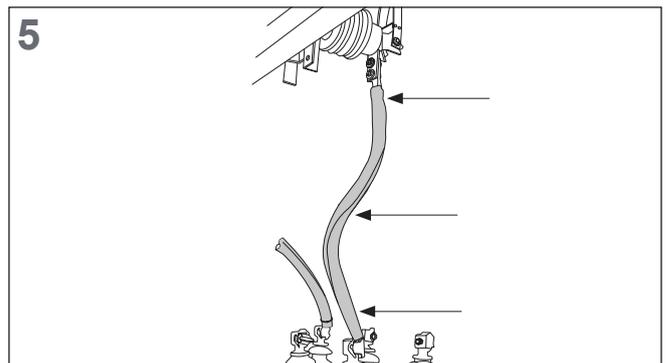
Place the tool at either the top or bottom of the conductor, and move the tool through the MVCC Material. You will see it fold around the conductor as you move it down/up over the conductor as seen in figure B4.



Securing MVCC (two fixing methods - 1 and 2)

MVCC can be secured in place with the use of cable ties or MVFT self amalgamating tape (recommended).

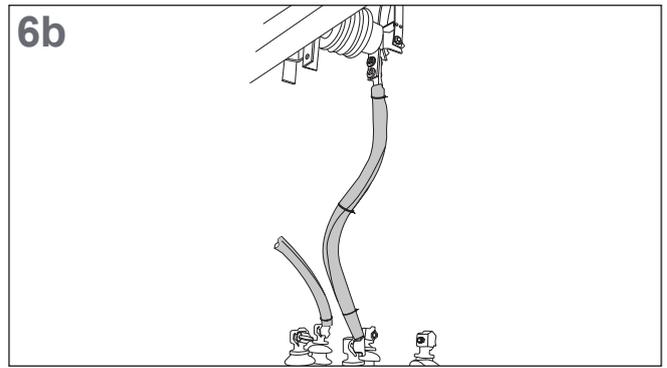
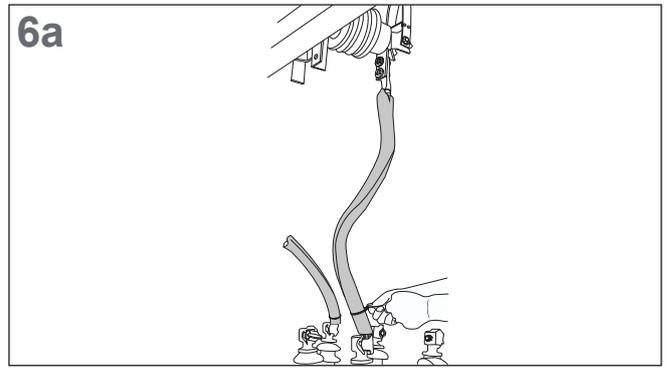
It is recommended to secure along the MVCC at regular intervals 50 mm - 150 mm (2" - 6") apart and at the ends of the section.



Recommend Additional Securing

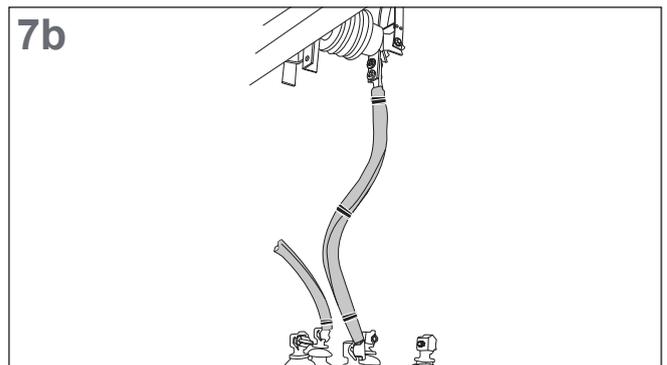
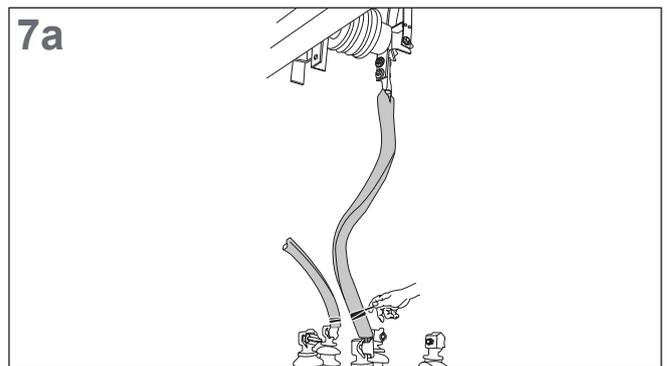
Method 1 Cable Ties

It is recommended to attach cable ties around the MVCC at the beginning of the section, at equal intervals up to 50 mm - 150 mm (2" - 6") apart, and at the end of the section.



Method 2 MVFT Self amalgamating tape

Begin the tape installation by placing the side without the plastic backing on the surface. As the tape is wrapped around the surface apply a small amount of tension. The plastic backing should be removed so that the tape is allowed to adhere to itself.



Secure the MVFT

It is recommended to wrap 2 layers of tape.

Installation Complete.