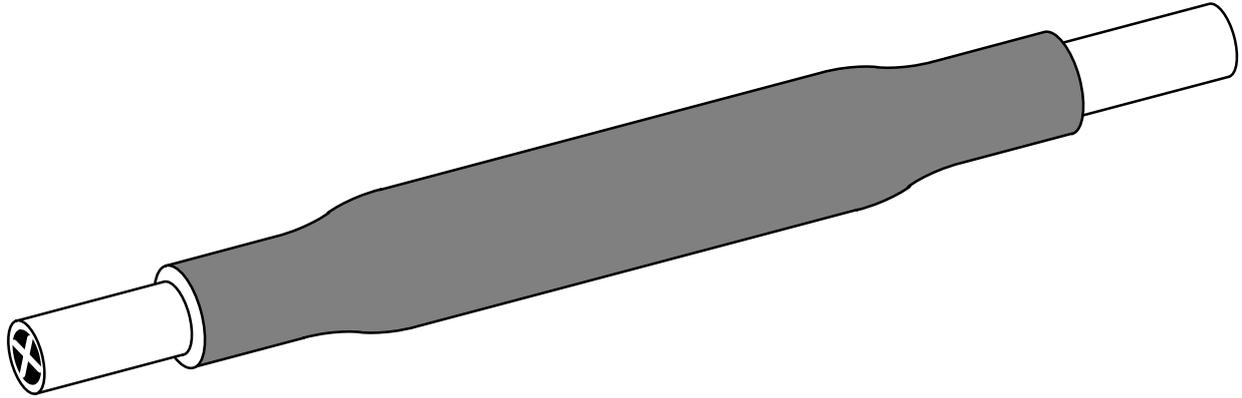


3M Cold Shrink



Selection Table	
Kit No.	Cross Section (mm ²)
91-AC 240-3 MC	150 - 240

3M Deutschland GmbH

Issue:

1

Issue date:

27.08.2008

Please note: This product may only be assembled by trained specialized personnel according to these assembly instructions. The preceding specifications are the result of in-depth research. They correspond to the state of our experience. A test by you will convince you of the excellent properties of the 3M products. Verify yourself whether these products are suitable for your purposes. All questions regarding a warranty liability are governed by our terms of sale, unless legal provisions provide differently.

3M Cold Shrink
Inline Splice with mechanical Connectors

91-AC 240-4 MC

for 4-core polymeric cable with concentric screening

0.6/1 kV acc. to IEC 60502-1

AABBCC66102

1. Issue date: **27.08.08**

Language: **English**

1. Change date:

Drawn: **M. Hubrich**

2. Change date:

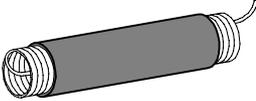
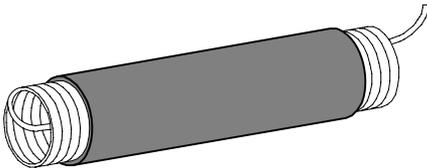
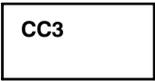
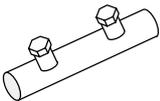
Checked: **W. Röhling**

3. Change date:

4. Change date:

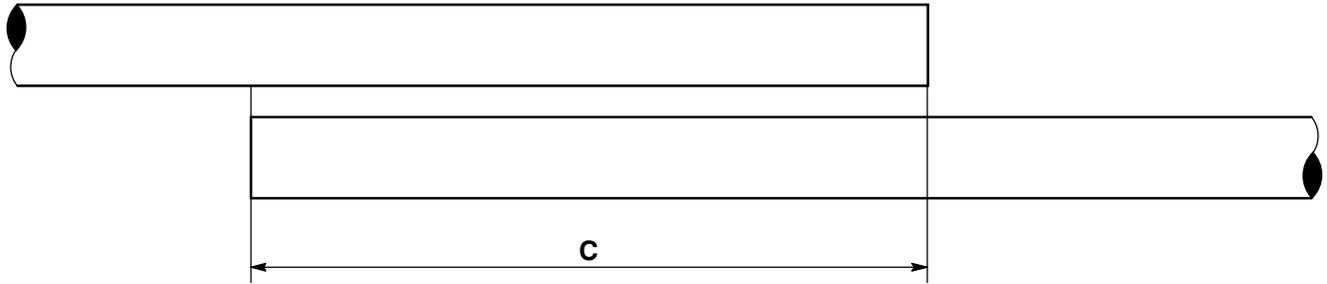
3M Electrical Products

XE-0091-3099-0

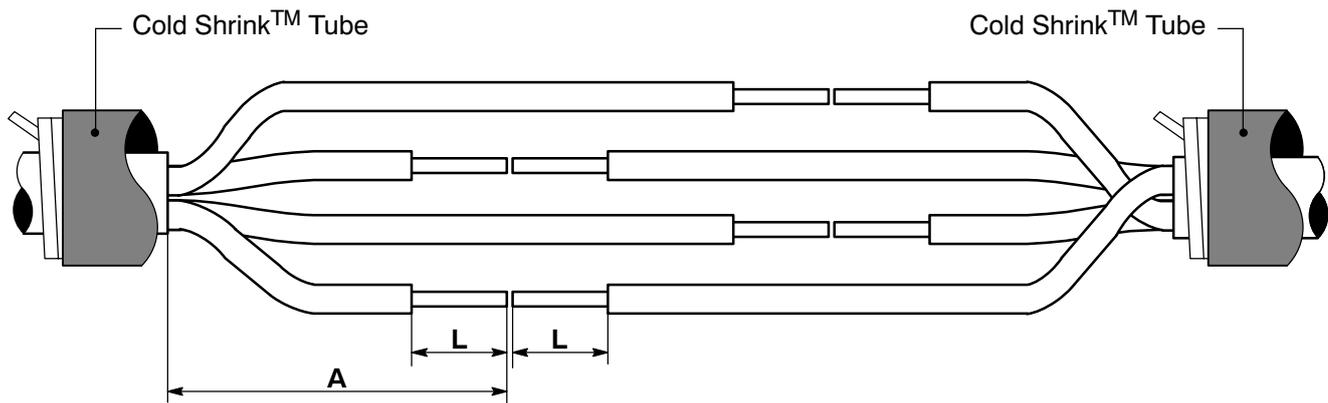
Material List		
Inline Splice		
No	Quantity	Description
1	4	
2	2	
3	2	
4	8	
5	1	
6	1	
7	4	

1

Kit no.	A (mm)	C (mm)	L (mm)
91-AC 240-4 MC	200	690	65



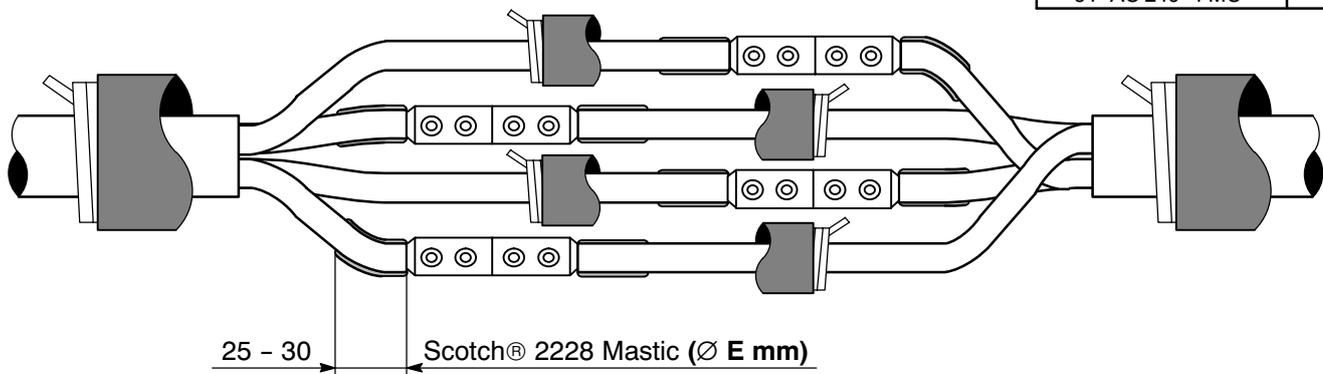
- 1.1 Ensure overlap of cable for dimension **C**.
- 1.2 Remove cable sheath for dimension **C** on both cables.

2

- 2.1 Shorten two cores on each cable to dimension **A**.
- 2.2 Control total splice length is acc. to length **C** in table.
- 2.3 Remove primary insulation for dimension **L**.
- 2.4 Slide a big PST tube over the cable jacket on each cable.

3

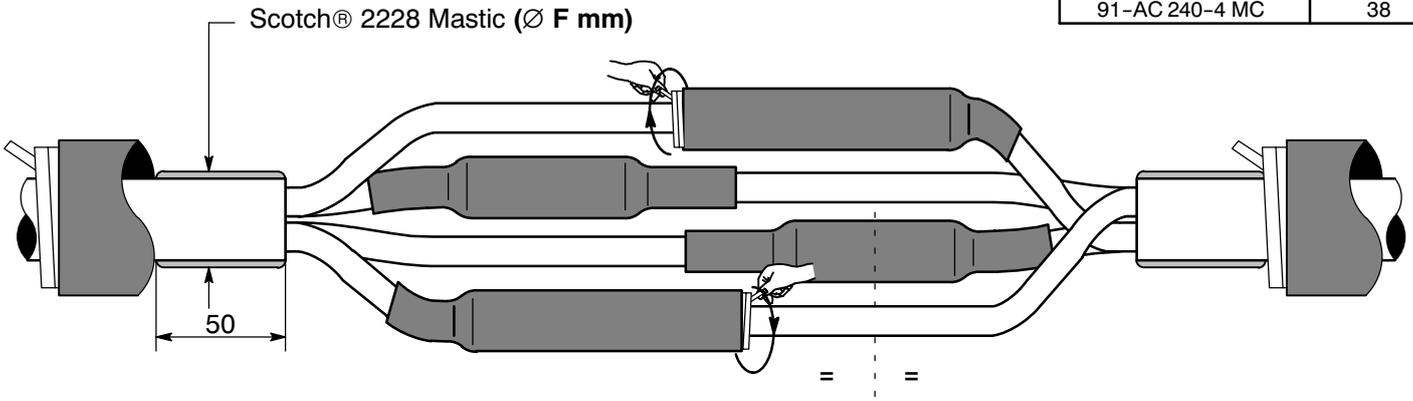
Kit no.	E (mm)
91-AC 240-4 MC	17



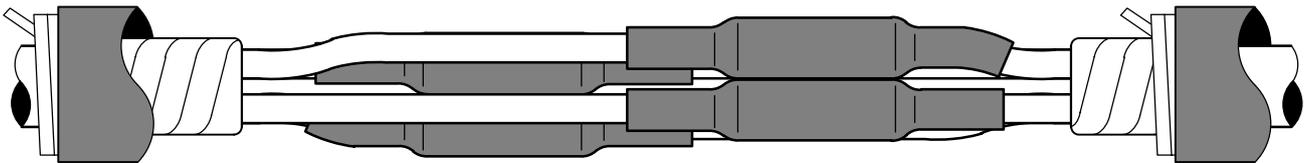
- 3.1 Apply Scotch® 2228 Mastic pads onto the primary insulation at each end of the connector. Stretch the tape and finish the taping by tearing off the tape. Ensure minimum diameter "E".
- 3.2 Park small cold shrink tube on each longer core with the lose end of the zip core towards the long core.
- 3.3 Install connectors.
- 3.4 Remove all sharp edges of the screws and clean the connectors.

4

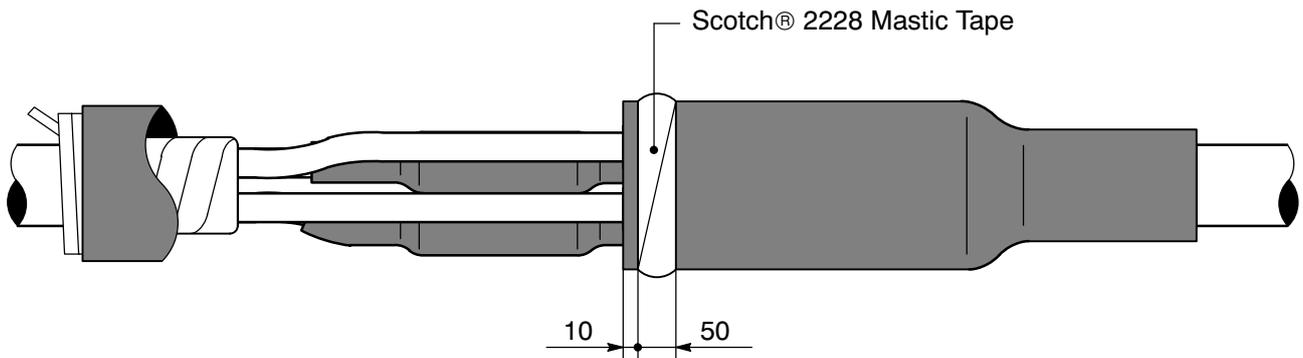
Kit no.	F (mm)
91-AC 240-4 MC	38



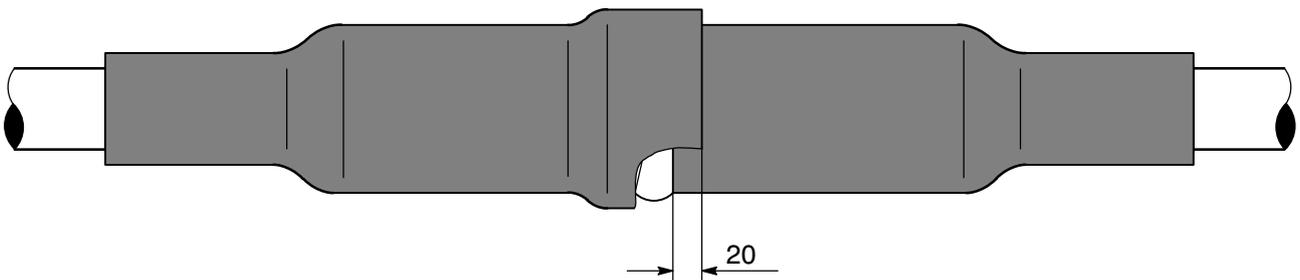
- 4.1 Shrink the small cold shrink tubes onto each core by pulling out and turning the core counter clockwise, starting at Scotch® 2228 Mastic.
- 4.2 Apply the longer Scotch® 2228 Mastic strips onto the end of each cable sheath. Stretch the tape and finish the taping by tearing off the tape. Ensure minimum diameter "F".

5

- 5.1 Compact the four cores.

6

- 6.1 Slide the first outer re-jacking cold shrink tube over the connection and start to shrink the tube by pulling out and unwinding the core counter clockwise at Scotch® 2228 Mastic.
- 6.2 Apply two layers of Scotch® 2228 mastic onto the installed outer re-jacking cold shrink tube acc. to given dimensions.

8

- 7.1 Slide the second outer re-jacking cold shrink tube over the connection and shrink down the tube starting 20 mm in front of the mastic at the installed tube.