

Tubing Kit for 250 m Coated Fiber (#05-00056)



For more information or to place an order,
please contact Supply Solutions at
866-978-7759.
Courtesy of 3M.

1.0 General

The 3M Tubing Kit provides accessories necessary to protect and build up the diameter of 250 μ m coated fiber so that it can be terminated with fiber optic connectors.

2.0 Kit Contents

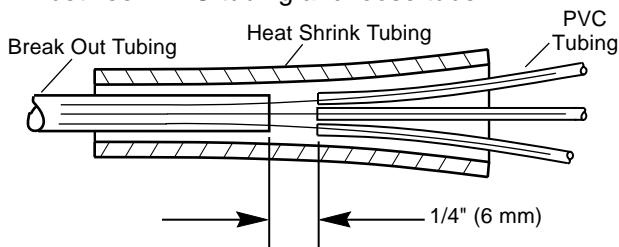
- 1 - 200 Ft. Tubing, 08-00134
- 25 - Oversized Strain Relief Tubes, 08-00092
- 25 - Adhesive Shrink Tubes, 08-00046

3.0 Mounting Process

- 3.01 Remove 42" (1.2 m) of the cable outside sheath, exposing the loose tube.
- 3.02 Slide one piece of epoxy lined heat shrink tubing over each loose tube.
- 3.03 Remove 37" (1 m) of the loose tube exposing the 250 μ m coated fiber.
- 3.04 Clean the fiber using the Scotchcast™ 4414 Filled Cable Cleaning Kit.

Note: Carefully follow safety, health and disposal information on cleaning kit label or Material Safety Data Sheet.

- 3.05 Slide 36" (.95 m) of 24 gauge PVC tubing over each of the coated fibers.
- 3.06 Shrink epoxy lined tubing around all PVC tubing and loose tube, allowing 1/4" (6 mm) gap between PVC tubing and loose tube.



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34-7032-6562-8

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4.0 Connector Termination

- 4.01 Slide the connector boot and strain relief tube from each connector package over each PVC tube.

Note: It may be necessary to use an oversized strain relief tube #08-00092 in case the standard strain relief tube does not fit.

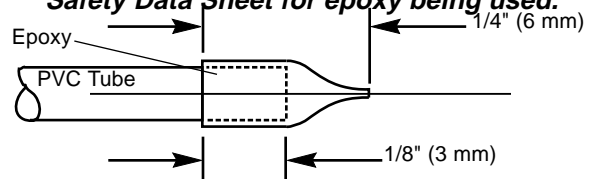
- 4.02 Strip the 250 μ m coated fiber as follows:

- Biconic - 1 1/4" (32 mm)
- ST/FC - 3/4" - 7/8" (19 mm - 22 mm)

- 4.03 Terminate connector per standard termination procedure. Follow 900 μ m unjacketed mounting procedures as found in each connector's instruction manual.

Note: Be sure to secure the 250 μ m coated fiber to the PVC tubing by applying a thin layer of epoxy to where the fiber exits the PVC tubing.

Note: Carefully follow safety, health and disposal information on epoxy label or Material Safety Data Sheet for epoxy being used.



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