

## Corning Cable Systems Fiber Optic Stripping Tool p/n 3205004-01

### 1. General

**1.1** This procedure describes how to use a Corning Cable Systems fiber stripping tool, part number 3205004-01 (Figure 1).

**1.2** This fiber stripping tool has been factory adjusted to strip the 250  $\mu\text{m}$  (0.01 in.) diameter strip-able fiber coating from 125  $\mu\text{m}$  (0.005 in.) diameter fibers. This tool is not designed for 900  $\mu\text{m}$  (0.035 in.) diameter coated fibers.

**1.3** This issue describes and illustrates the current stripping tool.

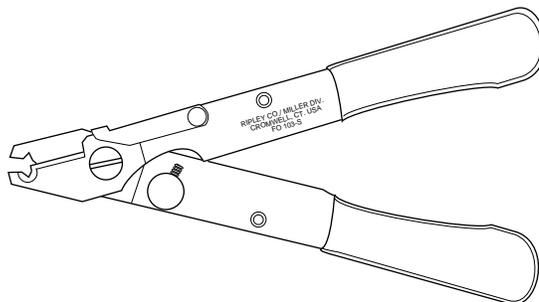


Figure 1

### 2. Precautions

#### 2.1 Safety Glasses

**WARNING:** The wearing of **safety glasses** to protect the eyes from accidental injury is strongly recommended when handling chemicals and cutting fiber. Pieces of glass fiber are very sharp and can damage the cornea of the eye easily.

#### 2.2 Fiber Precautions

**WARNING:** Cleaved glass fibers are very sharp and can pierce the skin easily. Do not let cut pieces of fiber stick to your clothing or drop in the work area where they can cause injury later. Use tweezers to pick up cut or broken pieces of the glass fibers and place them on a loop of tape kept for that purpose alone. Good housekeeping is very important.

#### 2.3 Cable Handling Precautions

**CAUTION:** Fiber optic cable is sensitive to excessive pulling, bending and crushing forces. Consult the cable specification sheet for the cable you are installing. Do not bend the cable more sharply than the minimum recommended bend radius. Do not apply more pulling force to the cable than specified. Do not crush the cable or allow it to kink. Doing so may cause damage that can alter the transmission characteristics of the cable- the cable may have to be replaced.

### 3. Stripping Procedure

**3.1** For the most consistent results:

- a) Hold the tool perpendicular to the fiber (Figure 2).

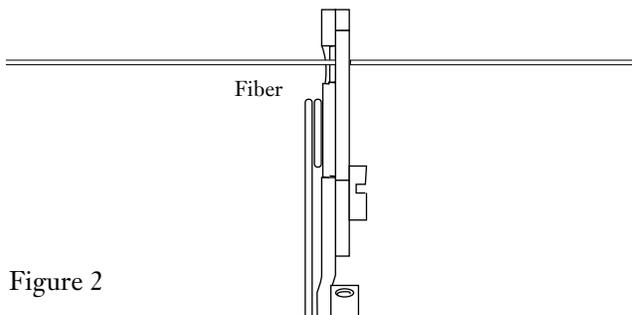


Figure 2

- b) Make sure the fiber is in the V-notch.
- c) Gently squeeze the tool shut.
- d) Strip the fiber coating in 50.8 mm (2 in.) increments (Figure 3) with a smooth, straight pull.

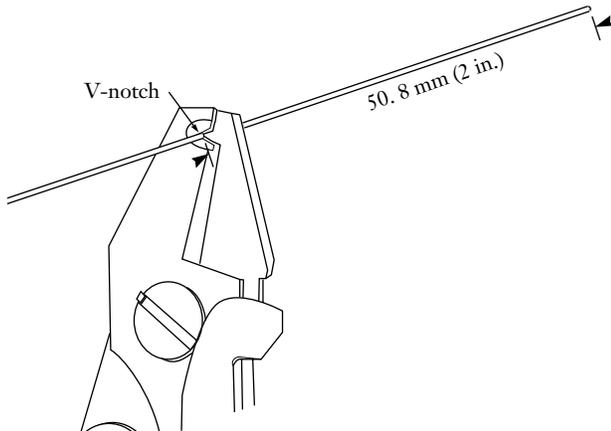


Figure 3

**3.2** Gently wipe the fiber with an alcohol-soaked, lint-free tissue or wiper to remove any remaining residue.

*Special Note:  
Fiber Optic  
Training Program*



*Corning Cable Systems offers comprehensive, integrated training programs. Courses are structured for: Telephony, CATV, LAN, Intelligent Transportation Systems and Power Utilities.*

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