



Corning Cable Systems Stripping Tool for Buffers

1. General

1.1 This procedure describes how to use a Corning Cable Systems stripping tool for buffers (p/n 3206001-01) to score semi-rigid buffer tubes and to cut outer jacketing on tight buffered pigtailed and furcation tubing.

1.2 The buffer stripping tool is a plier-type wire stripper. The notches in the tool's jaws are marked with both AWG (American Wire Gauge) and metric hole sizes (Figure 1).

1.3 This issue reflects the current tool design.

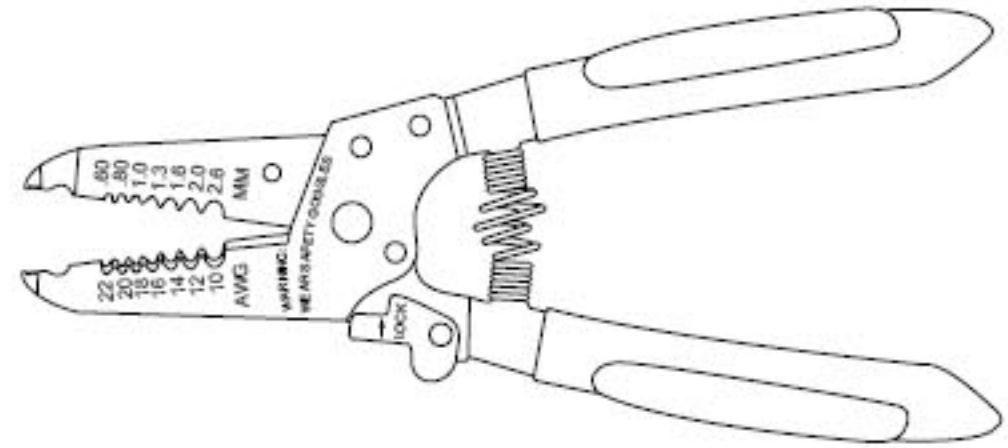


Figure 1

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.

CAUTION: When using this tool to strip buffers, do NOT attempt to slide severed tubing or jacketing off the fibers with the sliding motion commonly used to strip copper wire with this tool. Doing so may break the fibers.

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.

3. Stripping Procedure

3.1 Unlock the tool. Select the correct size notch for the buffer you are stripping from Table 1.

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.

Buffer Type	AWG Size
250 µm furcation tubing Pigtail material 2-fiber Zipcord Fan out cable	16
900 µm furcation tubing 12-fiber buffer tube	14
DIB cable sheath Maxi-Bundle cable tube	10
6-fiber buffer tube	18
Micro-Bundle tube	20

Table 1