

FIBER PREPARATION REQUIREMENTS

DO NOT USE STRIPPERS TO:

- ✗ Terminate SSF™ Fiber with mechanical splice connectors

USE STRIPPERS TO:

- ✓ Prepare SSF™ Fiber for fusion splicing
- ✓ Prepare Traditional Fiber for termination/splicing
- ✓ Remove 600 µm-3.0 mm jackets from SSF™ or Traditional Fibers

Cleerline SSF™ fiber incorporates SSF™ Polymer coating at the glass level. **DO NOT USE STRIPPERS ON SSF™ FIBER FOR INSTALLATION OF MECHANICAL SPLICES, i.e. SSF™ Connectors.** SSF™ Polymer Coating must remain in place for non-fusion splicing applications.

Successful fusion splicing requires removal of the SSF™ Polymer Coating.

For all non-fusion splicing applications with SSF™ fiber, **use fingertips or nails only to remove 250 µm colored SSF™ Soft Peel acrylate** from fiber.

In these instructions, “Traditional Fiber” refers to any optical fiber without SSF™ polymer coating.

OPENINGS



The SSF™ Tri-Hole Fiber Optic Stripping Tool has three openings:

(A) 1.6-3 mm -- 600-900 µm: SSF™ & Traditional Fiber Jacket Removal

Use to remove cable jackets from 600 µm to 3.0 mm in diameter.

(B) 250-900 µm -- 125 µm: Traditional Fiber Prep & SSF™ Fusion Splicing

SSF™ Fiber & Non-Fusion Splicing: DO NOT USE

SSF™ Fiber & Fusion Splicing: Use this opening for removal of colored 250 µm Soft Peel acrylate and to begin SSF™ polymer removal.

Traditional Fiber: Use to remove 900 µm buffer and/or 250 µm acrylate glass coatings to expose and prepare the 125 µm fiber.

(C) 125 µm -- SSF™: Removal of SSF™ Polymer For Fusion Splicing ONLY

SSF™ Fiber & Non-Fusion Splicing: DO NOT USE

SSF™ Fiber & Fusion Splicing: After removing colored SSF™ Soft Peel acrylate, use this opening to remove 125 µm SSF™ Polymer.

Clean opening with included brush before and after each use to remove build-up.

Traditional Fiber: DO NOT USE

OPERATION

1. Insert fiber into desired opening of tool. If removing multiple layers, use openings in sequence, moving from A to C per fiber type.
2. Close tool around fiber, ensuring tool is at a right angle to the fiber and that the edges of the opening are straight.
3. Using thumb to hold pressure, draw tool along the fiber, moving toward fiber end. Keep the tool perpendicular to the fiber at all times.

NOTE: When stripping extended lengths of SSF™ Polymer or traditional fiber buffer and acrylate coatings, work in ½” or 13 mm increments. This will relieve pressure caused by stripped coating as it accumulates ahead of the cutting edge.

Clean the “V” opening of the tool on a regular basis using the included bristled cleaning brush. Failure to clean can cause fiber breakage and make coating removal difficult. Openings may also be cleaned with 99% isopropyl alcohol and (dry) compressed air.

CAUTION: Do not open tool beyond preset factory limit. Forcing the tool open or bypassing the open position stop will result in loss of factory preset calibration and damage the tool.

View instructions online at cleerlinefiber.com/resources.

MAINTENANCE

Regularly inspect tool for rust, difficult operation, missing/damaged stop or any bending. Store in a clean and dry area. Replace tool if not performing correctly. The tool should only be used to strip fiber and the fiber should be subjected to normal qualification tests. The stripping of the fiber should be performed by a trained technician.

To ensure tool is in optimum condition, inspect using magnification (50-100X). Hold tool closed with moderate pressure. Place on a flat surface so that the openings are perpendicular to the angle of viewing. The openings should form a complete round circle. The guide/cutting surfaces should overlap completely.

Cleerline Technology Group warrants that its products will conform to its applicable specifications and will be otherwise free from defects in material and workmanship for 5 years.