

COATING REMOVAL TOOLING AND PROCEDURE

AcoustiSens™ Single-Mode Acoustic Sensor Fiber

Procedure Applies to AcoustiSens Fibers

GS80935
GS84362
GS82628

Removal of the engineered polymer coating from OFS' AcoustiSens optical fiber can be improved by using a commercially available strip tool with heating capability. OFS recommends the Soft-Strip® tool from Micro-Electronics, Inc. <http://micro-strip.com/thermal.html>

For the AcoustiSens fiber, OFS recommends the Soft-Strip model with purple blade (MS-4B-E) that has the appropriate sized blade set and guides.

Details of the Strip Method

1. Insert optical fiber through the tool's fiber guide and into the heater section to desired length.
2. Close the tool's handle to:
 - Engage the blades
 - Activate the heater
3. Keep handles closed for 20 - 25 seconds to allow heat to soften the coating
4. With the handles still closed slowly withdraw (straight out - do not bend fiber) the fiber from the strip tool.

The coating should now be removed, needing only the wiping of residue using a lint free wipe wetted with IPA.

