

PIA-TS-108.1

Strata Blue P/N 7510-00-286-5362 Available in 1 pint container
Orange-Yellow P/N 7510-00-634-6583 Available in 1 pint container

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Sharpie Pen- black

1 ea. Calibrated Spring Scale, 50 lb. (23 kg.) minimum capacity

This scale should be calibrated at least once a year to an accuracy of +/- 3 lbs. It should be identified with a serial number and written verification of calibration must be kept on file. An adhesive label (or similar) should be affixed to the scale showing the date calibrated and the date next calibration is due. If the scale is damaged in any manner, such as dropping, it must be pulled from service and tagged as unserviceable until its recalibration.

Test Procedures: The following procedures do not take precedence over a manufacturer's test procedures for their products. Before testing make sure you have the manufacturer's most current test procedures.

A minimum of 2 areas should be tested on a canopy, but not less than 2 pull tests on each separate color (1 in the warp direction and 1 in the fill direction). When testing look for areas of contamination and/or discoloration. If possible remain approximately 6 inches (150mm) from any seam.

Proceed as follows:

NOTE: Steps 1 and 2 apply to cases involving acid-mesh pull testing.

1. Locate the mesh vents in the canopy and determine the fabric areas which are in contact with the mesh when the canopy is packed. These areas are shown as the diagonally shaded lines in typical tri-vent canopies (see FIGURE 2).

2. Perform one 40 lb. (18 kg.) pull test on each panel of material that comes in contact with the mesh when the canopy is packed. Alternate tests from the warp to fill direction on the panels. This could be as few as four tests or as many as twelve tests on some bias constructed canopies.

CAUTION: Never attach fabric clamps or perform pull tests on the mesh covered areas of any canopy. Extensive damage will result.

NOTE: Steps 3 through 6 apply to all pull tests (not just acid-mesh).

3. The area to be tested must be visibly marked for future reference. Refer to FIGURE 3 for examples of how to mark the parachute to be tested.

4. After the marking ink has dried, attach the locking fabric clamps to the ripstop fabric as shown in FIGURE 4. The distance between the clamps should be 3 inches (76.2mm) plus or minus ¼