



Basic Repairs for Structural Gear NFPA 1851, 2008 edition

Limited to Outer Shells Only

Basic repairs shall include the following:

- Patching of minor tears, char marks, and ember burns.
- Repairing of skipped, broken, and missing stitches.
- Replacement of missing hardware, excluding hardware that is part of your closure system.
- Reclosing of the liner of a garment after Complete Liner Inspection.

Please ensure that your garment has been thoroughly cleaned prior to any repairs being made.

When performing basic repairs, be sure to remove your liner system from your outer shell to avoid accidental damage.

Basic repairs to any garment must be done in the same manner as the manufacturer using like materials. (Example, if your garment is produced from PBI outer shell material, you must use PBI material.) Ricochet utilizes Nomex thread on all of their garments.

Repairs must be made to all layers of the garment that have been damaged. If you have a tear or burn in your outer shell, check the thermal liner and moisture barrier to make sure these layers were not affected.

Patches shall be limited to 32 cm² (5 sq. inches). The finished edges of the patch shall extend at least 25 mm (1 inch) in all directions beyond the damaged area. To prevent fraying the patch shall have no raw edges. (Cut your patch big enough to be able to turn under at least an inch on each side.)

When installing a patch, Ricochet recommends patching the interior of the material as well, to prevent further damage from washing and general wear.

If replacing trim, or covering trim with an alteration, be sure to use the same amount of trim in the repair. Patches must not exceed 75 mm (3 in.) in length and must extend 1 inch beyond the damaged area. A maximum of 2 patches per stripe are allowed.

If you are not sure of the complexity of the repair, please consult the manufacturer.