

# ULTRARAY PROTECTIVE GARMENT GUIDE

## Immediate and Regular Inspection:

Please inspect your garment thoroughly upon receipt and at regular intervals. When aprons are first received and before they are put into service they should be tested for integrity by fluoroscopy or any other suitable method, recommended or mandated by your **radiation safety officer**. In addition they should be tested at 6 month intervals to insure their radiation shielding integrity.

## IMPROPER STORAGE OR IMPROPER CARE AND HANDLING OF PROTECTIVE GARMENTS MAY DAMAGE INTERIOR LAYERS CAUSING CRACKS, HOLES, OR OTHER DAMAGE.

### Proper Storage:

Aprons should be properly stored at all times.

- hang on an approved apron/skirt hanger
- hang on an apron rack specifically designed for the purpose of storing radiation protection aprons
- do not hang on hooks
- for transportation purposes, roll in a tube shape and carry in an appropriate carry bag
- when storing, **always ensure Velcro closures are lined up correctly**; failure to do so may cause damage to fabric, stitching, bindings, or embroidery.

### Proper Care and Handling:

- When wearing (as when storing), always ensure Velcro is lined up correctly; failure to do so may cause damage to fabric, bindings, or embroidery. Also take care to avoid catching exposed Velcro in gauze, bandages etc. as this will reduce the efficacy of the Velcro.
- Protective aprons should not be folded, creased, or bunched up as this may cause a stress point in the protective material.
- Do not pile protective products.
- Care should be taken to avoid sharp objects, edges, or corners, as they can cause unseen damage to the protective material.
- Avoid extended exposure to extreme temperatures, hot or cold. If apron is subjected to extreme temperatures, it should be left un-disturbed until it reaches an ambient temperature. In hot weather conditions it is recommended that the apron be transported in the trunk of your car. In winter conditions it is recommended that the apron remain inside the vehicle.
- Protective aprons should never be autoclaved as the heat can damage the protective material.
- Do not immerse protective garments in any fluid. Soiled aprons can be cleaned with cold water and an environmentally friendly mild detergent. Mix detergent and water according to manufacturer's instructions. Increase or decrease strength of solution in accordance with degree of soiling on apron. Clean stains or entire garment one section at a time (10"x10"). Apply solution to section, let stand a few minutes, scrub area with a soft bristle brush, blot moisture with paper towels. Rinse area –apply clean water- and blot again. Continue to rinse and blot until no soap residue remains. If area is not rinsed thoroughly a perimeter mark will result. Let garment air dry. Stubborn stains may need a second application.

### Proper Fit:

It is the wearer's responsibility to ensure proper fit of all radiation protection garments. Full Wrap design aprons **must be worn fully overlapped** to attain lead equivalency as stated on the label.