

HOW TO CARE FOR FIRE-RESISTANT GARMENTS

LAUNDRY WASH KEY

Industrial Wash:
Light Soil Wash:
Home Wash:

WATER TEMPERATURE

165° maximum
140° maximum
120° maximum

HOME WASH

- Wash separately inside out, normal or cotton cycle, at water temperature of 140°F or less.
- Use any typical home laundry detergent. Do not use soap (tallow soap containing animal fats).
 - *Hot water can increase the effectiveness of detergents.*
- Do not use chlorine bleach, liquid nonchlorine bleach, starch or fabric softeners.
- Use of conditioned or soft water improves removal of contaminants from garments.
 - *Hard water precipitates soaps, resulting in calcium and magnesium salt build-up which can serve as fuel if exposed to ignition source.*
- All soils and other contaminants must be completely removed from garments during washing. *(May require presoaking garments or the use of stain removal products.)*
 - *If removal is difficult, try laundering garments at a local industrial laundry or dry cleaner.*
- Do not over dry garments. To remove wrinkles, press with iron on Permanent Press/Low Setting.

STAIN REMOVAL

- Remove any garments that come into contact with flammable substances immediately and replace with clean FR apparel.
- Home or industrial laundering removes most types of both flammable and non-flammable soils.
 - *Garments with soils that cannot be removed may be compromised.*
- It may be difficult to determine that flammable soils have been completely removed.
 - Best indicator they are still present: stain and/or odor is still existent after laundering.
 - *If still present, garments can be dry cleaned.*



INDUSTRIAL LAUNDRY

- Wash FR apparel separately to avoid damaging the luminescent effect.
- Use soft water (less than 4.0 grains). *Hard water can cause buildup of mineral salts, negating the flame-resistant characteristics and serving as fuel if exposed to an ignition source.*
- Use non-ionic formulas. Avoid the use of natural soaps (anionic or tallow soap).
- Use a combination of an adequate wash temperature (up to 140°F) and detergent formulated to thoroughly clean all contaminants from garments.
- Do not use chlorine bleach (sodium hypochlorite) to preserve the luminescent effect.
- Garments heavily soiled with particulate or abrasive soils should be flushed at 105°F in the beginning of the cycle to reduce abrasion in the wash.
 - *Wash formulas and load sizes should be set up to minimize redeposition and fabric abrasion.*
- Do not use starch, fabric softener, or other laundry additives.
 - *Garments should be sourced to a pH between 5.5 and 6.5.*
- Do not over dry.
- Condition at a stack setting of 165°F to prevent fabric temperature measured in the basket from exceeding 280°F.
 - *Proper cool down to 100°F or less in conditioning will result in the best appearance.*
- Remove immediately after washing and drying to prevent setting wrinkles.
- Tunnel finishing will improve appearance.

DRY CLEAN

- Perchloroethylene or petroleum solvent may be used.

ALWAYS CONSULT THE GARMENT MANUFACTURER FOR DETAILED INSTRUCTIONS AND PRECAUTIONS.

NEVER USE:

Chlorine bleach or detergents with bleach
Detergents that contain animal fats
Fabric softener or dryer sheets
DEET spray