



Structural Turnouts Advanced Cleaning Instructions

Advanced Cleaning Procedures:

- Do not overload the machine. Follow manufacturer recommendations per load.
- Separate liner from outer shell.
- Turn outer shell inside out if there is exposed hardware. Turn liner inside out.
- Remove any items from pockets.
- Fasten all closures, including pocket closures, Velcro, snaps, zippers, hooks and dees.
- Pre-treat heavily soiled or stained areas by rubbing diluted solution of the detergent directly on to soiled area(s).
- Wash in outer shells and liners in separate loads.
- Set and start the machine cycle; use a water temperature setting not to exceed 105°F per NFPA 1851 and manufacturer recommendations.
- Add detergent manually if pumps are not installed. Follow dilution instructions on detergent container or instructions from manufacturer.
- Run one complete wash cycle, with a minimum of two (2) rinse cycles.
- Inspect garments and rewash, if necessary.
- If the machine is also used to wash items other than protective ensemble elements, rinse out the machine by running it while empty through a rinse cycle with 130°F to 140°F water temperature and disinfectant.

To prevent damaging your gear, follow these NFPA 1851 cleaning recommendations:

- Chlorine bleach or chlorinated solvents SHOULD NOT be used to clean or decontaminate turnout garments.
- Cleaning and decontamination solutions shall have a pH range of not less than 6.0 pH and not greater than 10.5 pH, in concentrate in the pail. Use of high pH products will damage Nomex fibers and reflective materials.
- Heavy scrubbing or spraying with high velocity water jets, such as a power washer, should not be used.
- Protective ensembles and protective ensemble elements should be cleaned and decontaminated separately from non-protective items.
- Where the shells and liners of protective garment elements are separable, those items shall only be cleaned and decontaminated with like items, including but not limited to, shells with shells and liners with liners. Hoods may be washed with liners.

The following procedures should be used for air-drying:

- Place elements in an area with good ventilation. Use large plastic hangers.
- Do not dry in area with stored chemicals that may emit caustic fumes.
- Do not hang dry in direct sunlight. Ultra Violet light will damage the fabrics.
- If using gas dryer, do not allow drum temperature to exceed 105°F or set to air dry.