

## Z-Flex Aluminized Suits & Apparel

### Care and Maintenance Instructions

NXP garments made with Z-Flex™ Aluminized fabrics are known worldwide for their superior radiant protection and performance in extreme environments. Proper storage, cleaning, and inspection will ensure these products remain in excellent condition and provide maximum protection when needed.

- Z-Flex™ Aluminized materials and other high performance materials capable of resisting extreme temperatures and radiant energy **do not** have the same wear qualities as standard fire fighting turn-out gear or related work gear.
- Care should be taken to avoid rough handling, folding, and abrasion. Rubbing against rough or sharp edges can be especially damaging for the Z-Flex™ outer layer.
- **DO NOT MACHINE WASH** – Detergents, water impurities, and wash agitation may degrade the reflective film layers and significantly reduce the radiant protection provided, even if visual appearance remains acceptable.
- Z-Flex™ outer shells can be wiped down with a soft cloth and warm water. **DO NOT USE** chlorine bleach, active ingredient cleaning agents, or solvents. Always dry thoroughly before storage.
- Z-Flex™ Apparel should be examined regularly for rips or tears in fabric and to ensure no degradation in the reflective surface quality. Additionally, fasteners, straps, and all hardware should be checked to ensure proper functioning.
- Store by hanging dry garments in a well ventilated area out of direct sunlight.
- To limit damage caused by creasing, do not fold aluminized garments.
- **NFPA 1851 recommends the mandatory retirement of proximity (aluminized) suits 5 years after the date of manufacture. This does not mean the suit will or should remain in service the full 5 years. Early replacement may be required if the suit is damaged.**