

TECASAFE® PLUS LAUNDERING RECOMMENDATIONS

Garments made from TenCate Tecasafe® Plus fabric may be safely dry-cleaned or laundered/dried in home or industrial type machinery. Listed below are guidelines that may be helpful for proper cleaning and care of these garments.

General Guidelines

- Launder separately from non-flame resistant garments. Lint from these garments may affect flame resistance.
- Do Not Use Chlorine Bleach. Chlorine bleach will not damage flame-resistance, but may reduce garment life.
- Garments with very oily or greasy stains may be pre-treated and washed in hot water (140° F Maximum). Dry cleaning may be more effective on these kinds of stains.
- This fabric dries rapidly; for lowest shrinkage Do Not Over Dry.
- Shrinkage of 3-4% may be expected for wovens and approximately 7% for knits; size garments accordingly.

Home Laundering

- Permanent press or cotton/sturdy wash cycle with cold or warm water. Permanent press cycle is recommended for best appearance over the life of the garment.
- Use detergent only (products such as Cheer or Tide). Do Not Use Soap (products such as Ivory Snow). Soap may leave deposits on the fabric that affects flame resistance.
- Tumble dry. Permanent press cycle for best appearance.
- Fabric Softeners are not recommended. While they will not diminish the FR performance of the fabric, they may result in a residual build-up that could eventually become a potential hazard.

Industrial Laundering

- For best appearance and longest service life, launder at 120° F (140° F max) with High-surfactant, low alkalinity detergent formulations in cold or warm water. Garments can be laundered at higher temperatures without fabric damage, but additional color loss may result.
- High-surfactant, low alkalinity detergent formulations are recommended for best cleaning and color retention.
- Wash bath pH values should not exceed 9 to 10. Color loss, excessive shrinkage and reduced garment life may result from repeated exposure to excessive temperature and pH in laundering.
- Soil re-deposition can be minimized by using correct load size (60-70% of rated maximum weight), wash formula and rinse procedure. For most effective cleaning use a "Multiple Adds Procedure" (break and second suds).
- For optimum garment life and reduced wrinkling rinse cycles should end with final rinse temperature of 85-95° F and pH at or slightly above 7. Temperature step-downs between baths should not exceed 15° F.
- Tumble dryer basket temperatures should not exceed 200° F with 130-160° F stack temperature.
- Smoother garments and longer wear life may result from tunnel drying. Evaluate conditions to minimize hanger impressions. Garment temperature should not exceed 280° F.
- Garments may be pressed or tunnel finished, if desired. Determine best conditions to prevent fabric glazing or color loss before adopting a procedure.

Dry Cleaning

- Clean perchloroethylene can be used. Insure solvent is completely evaporated. Re-deposition must be avoided.

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