

# TECHNICAL DATA



PROTECTIVE FABRICS

## 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. Do Not Use Soap. 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.

To the best of our knowledge, the information contained herein is accurate. However, TenCate assumes no liability whatsoever for the accuracy or completeness on the information contained herein. Users must satisfy themselves that the recommendations are suitable for their use and meet all appropriate safety and health standards.

6501 Mall Boulevard  
P. O. Box 289  
Union City, GA 30291

Tel 770.969.1000  
Fax 770.969.6846  
www.tencateprotectivefabrics.com

Last Revised: June 13, 2012