

# TECHNICAL DATA



## TENCATE OASIS LAUNDERING GUIDELINES

Garments made with TenCate Oasis fabrics may be safely dry-cleaned or laundered/ dried in home or industrial type machinery. The washing must be carried out at gentler conditions than for cotton goods. Listed below are guidelines that may be helpful for proper cleaning and care of these garments. Due to the wide variety of methods and machinery used for laundering garments, these recommendations should not take the place of in-house trials to determine garment shrinkage.

### General Guidelines

- Launder separately from non-flame resistant garments. Lint from these garments may affect flame resistance.
- Do not wash light and dark colored garments together. Lighter shades may be stained by darker shades.
- Heavily soiled garments or garments with oily or greasy stains may be pretreated before laundering. Dry cleaning may be more effective on these types of stains.
- Do not wash in hot water. Lower water temperatures will reduce garment shrinkage. ~105 degrees Fahrenheit is recommended for washing, with cold water rinses.
- Shrinkage may be as high as 6.5%; size garments accordingly, and conducts in-house testing to verify shrinkage.
- Avoid long washing and rinsing cycles. Reduce cycle times to the minimum needed for adequate soil removal.
- Use high water levels during washing and rinsing.
- High surfactant, low alkalinity (pH of 6 to 8) non-ionic detergents are recommended for best cleaning, color retention, and shrinkage control. Do not wash in soap. Soap may leave residues that affect flame resistance.
- Do not wash with bleach. Bleach may damage garments.
- Tumble drying temperatures should not exceed 150 degrees Fahrenheit. Garments must not be tumbled for long periods. Reduce cycle times to the minimum required for drying. Do not over dry.

### Home Laundering

- Wash on Permanent Press or Gentle cycle with cold or warm water. Water temperatures of 105 degrees Fahrenheit are recommended (120 degrees Fahrenheit maximum).
- Do not use soap; neutral pH, non-ionic detergents are best.
- Tumble dry at low heat/ delicate cycle.

### Industrial Laundering

- Use appropriate load sizes (60 – 70% of rated capacity) to minimize soil redeposition.
- Do not rotate the washer load between draining and filling to avoid stretching wet garments.
- Sample wash procedure:
  - 2 minute cold flush
  - 8 minute wash at 105 degrees Fahrenheit (40 degrees Celsius) and low speed spin
  - 2 minute cold rinse
  - 2 minute 105 degrees Fahrenheit (40 degrees Celsius) rinse
  - 6 minute fast extract
  - Tumble dry (maximum stack temperature of 150 degrees Fahrenheit (65 degrees Celsius) measured in empty machine within 6" of dryer exhaust outlet)

Garments cleaned in accordance with these guidelines should have a long service life. TenCate cannot accept liability due to laundering conditions outside of our control. To the best of our knowledge, the information contained herein is accurate. However, Southern Mills 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.