














# eTek 900D Solution-Dyed Polyester

6653TS

## Product Description

eTek® 900D Solution-Dyed Polyester is our strongest solution-dyed polyester; a high-performance outdoor fabric engineered for the most demanding applications. Featuring a solvent-based polyurethane (PU) coating, it delivers superior water resistance, enhanced durability, and long-lasting protection against the elements. The solution-dyed fiber provides excellent UV resistance and exceptional color fastness, while also minimizing stretch and shrink over time. Measuring 60 inches wide and offering up to 2x the strength of leading fabrics, it's an ideal choice for boat covers, awnings, tarps, and rugged outdoor enclosures.

## Key Features

 Solution-Dyed	 Solvent-Based Polyurethane (PU) Coated	 Enhanced Dimensional Stability	 Enhanced UV Resistance	 Enhanced Water Repellency	 Ultra-High-Tenacity Polyester	
 Cold-Weather Resistance	 Chemical Resistance	 Zero Dye Transfer	 Zero Dye Rub-Off	 Mold & Mildew Resistance	 Abrasion Resistance	 PFAS Free

## Recommended Uses

- Tarps
- Boat Covers
- RV Covers
- Equipment Covers
- Awnings
- Canopies
- Bimini Tops
- Motorcycle & ATV Covers
- Fender Covers
- Grill Covers
- Outdoor Furniture Covers
- Patio Umbrellas
- Curtains & Dividers
- Outdoor Seating
- Storage Bags
- Duffel Bags
- Backpacks
- Tote Bags
- Outdoor Pillows & Cushions
- Banners

<b>COLOR</b>	<b>SKU</b>
Black	6653-005

## Technical Specs

Weight	405 GSM (12 oz./sq. yd.)
Width & Length	60" x 50 yds.
Fabric Type	100% High-Tenacity Polyester
Dye-Process	Solution-Dyed
Backing	Solvent-Based Polyurethane (PU)
Denier	900x900
Color Fastness to Light <small>(AATCC TM 16.3-2014; Option 3; Xenon Arc Lamp)</small>	After 1500 AFU Grade 4.5
Color Fastness to Rubbing: AATCC-8: Dry Staining AATCC-8: Wet Staining	5.0 4.5
Water Repellency <small>(AATCC-22)</small>	90
Water Resistance Hydrostatic Pressure Test <small>(AATCC-127)</small>	1200
Cold Crack <small>(ASTM D6182)</small>	-4°F (-20°C)
Stretch & Shrink	<1%
Tensile Strength <small>(ASTM D5035)</small>	663 lbf. (Warp) 388 lbf. (Weft)
Tensile Strength Elongation <small>(ASTM D5035)</small>	43% (Warp) 34% (Weft)
Tear Strength/ Tongue Tear <small>(ASTM D2261)</small>	29 lbf. (Warp) 17 lbf. (Weft)
Seam Slippage <small>(ASTM D1683)</small>	143 lbf. (Warp) 132 lbf. (Weft)
Weave	Balanced
Warranty	10 Years
PFAS Free	Yes

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Technical Data Sheet