



# DIM OUT™

## Specifications

**Warranty** - Twitchell Technical Products, LLC produces durable, all weather fabrics that are unmatched for quality and durability. Dim Out™ brand fabrics are covered by a **15-year** limited warranty for fixed & operable shading applications and 3-year limited warranty for all other end uses from the original date of purchase.

**REACH Compliant** - Regulated by Registration, Evaluation, Authorization and Restriction of Chemicals. REACH places greater responsibility on industry to manage the risks that chemicals may pose to human health and the environment.

**Children's Toy Act** - Does not contain harmful phthalates listed under Section 108 of the Consumer Product Safety Improvement Act of 2008 (CPSIA).

**Fire Classification** - Passes California U.S. Title 19 (small scale), NFPA701-2015 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM #2 (large scale), and CAN/ULC-S 109-03 (large and small scale).

**Environmental Certification** - GREENGUARD gold certified. Acceptable for use in environments such as schools and healthcare facilities. Complies with requirements of the State of California's Department of Public Health "Standard Method for Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1 (2010)" (also known as California Section 01350).

**RoHS Compliant** - Free of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Hex-Cr), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE).

**Bacteria and Fungal Resistance** - Passes ASTM E 2180, ASTM G21. Includes specially formulated antimicrobial.



## Technical Data

**Product Number:** T18C8 | **Roll Length:** Approximately 30 Linear Yards

**Product Description:** A fabric using .010" diameter vinyl-coated 220 denier polyester core yarn in the warp and fill.

Attribute	ASTM	Warp	Fill	Typical
Construction	D3775-17	58.0 +/- 0.5	35.0 +/- 0.5	
Weight, oz/yd <sup>2</sup>	D3776-17			19.5
Tensile Strength (grab), lbf	D5034-09	320.1	226.1	
Tensile Strength (strip), lbf	D5035-11	199.6	135.4	
Tear Strength, (Trapezoidal), lbf	D5733	33.3	15.9	
Elongation, %	D5035-11	12.2	9.2	
Abrasion Resistances	D3884-09	No exposure to core yarn	No exposure to core yarn	
Flammability Rating				CA Title 19 & NFPA 701
Weatherability, 1200 hours	G154-16	Trace discoloration	Trace discoloration	
Mildew Resistance	G21-13			No Growth
Thickness, inches	D1777-15			0.0344

The above results are a representation of real data from single test samples. Presently no specification is incorporated.