

This spec sheet has been updated to reflect the removal of flame retardant, anti-bacterial, and anti-microbial additives.

## Tolstoy

### GENERAL SPECIFICATIONS

<b>SURFACE COMPOSITION</b>	100% Polyurethane (Polycarbonate)
<b>SUBSTRATE COMPOSITION</b>	100% Polyester
<b>WEIGHT</b>	20 oz per linear yard
<b>WIDTH</b>	54"
<b>THICKNESS</b>	1.00 mm

### ADDED PERFORMANCE SPECIFICATIONS

<b>HYDROLYSIS RESISTANCE</b>	7 weeks	ISO 1419:1995 (Jungle Test)
<b>STAIN RESISTANCE</b>	Yes	
<b>COLORFASTNESS TO LIGHT</b>	200 Hours	AATCC 16.3-2012, Option 3
<b>BLEACH RESISTANCE</b>	Yes, 10% Dilution	
<b>MILDEW RESISTANCE</b>	Pass	ASTM G21-13
<b>ANTI-BACTERIAL</b>	Pass	AATC 147-2011
<b>COLD CRACK</b>	-20° F	CFFA-6a
<b>SULFIDE STAIN RESISTANCE</b>	Yes	

### PHYSICAL PERFORMANCE SPECIFICATIONS

<b>ABRASION RESISTANCE</b>	250,000+ Double Rubs*	ASTM D4157-13
<b>BREAKING STRENGTH</b>	144 Warp, 113 Fill	ASTM D751-06
<b>COATING ADHESION</b>	11.4 Warp, 10.8 Fill	ASTM D751-06
<b>CROCKING RESISTANCE</b>	5 Dry, 5 Wet	AATCC 8
<b>FLEX RESISTANCE</b>	25,000+	ASTM D2097-03
<b>TEAR STRENGTH: TONGUE TEAR</b>	4.4 Warp, 8.5 Fill	ASTM D2261-02
<b>SEAM STRENGTH: TACK TEAR</b>	57.3 Warp, 42.9 Fill	ASTM D751-06

\*Abrasion test results exceeding ACT Performance Guidelines are not an indicator of product lifespan.

### FLAME RETARDANCY SPECIFICATIONS

CALIFORNIA TECHNICAL BULLETIN 117:13	Pass
UFAC CLASS I	Pass
NFPA 260	Pass

### REDUCED ENVIRONMENTAL IMPACT

THIS PRODUCT DOES NOT POSE ANY EXPOSURE RISKS ASSOCIATED WITH THE CHEMICALS IN PROP 65  
 NO ADDED FLAME RETARDANT CHEMICALS - AB2998 COMPLIANT  
 NO ADDED ANTI-BACTERIAL / ANTI-MICROBIAL CHEMICALS  
 LEAD / HEAVY METAL FREE  
 BPA FREE / TRIS FREE / FORMALDEHYDE FREE  
 DOES NOT CONTAIN CONFLICT MINERALS



Disclaimer: This product meets the Healthy Interior goals of the Safer Chemical Challenge according to the manufacturer Practice Greenhealth does not verify this information.



\*ACT® Registered Certification Marks