

This is an up-to-date spec sheet.  
This pattern never contained flame retardant, anti-bacterial, or anti-microbial additives.

## Twist

### GENERAL SPECIFICATIONS

<b>SURFACE COMPOSITION</b>	100% PVC (Phthalate Free)
<b>SUBSTRATE COMPOSITION</b>	100% Polyester
<b>WEIGHT</b>	30.0 oz per linear yard
<b>WIDTH</b>	54"
<b>THICKNESS</b>	1.20 mm

### ADDED PERFORMANCE SPECIFICATIONS

<b>STAIN RESISTANCE</b>	Yes	
<b>COLORFASTNESS TO LIGHT</b>	300 Hours	AATCC 16.3-2014, Option 3
<b>BLEACH RESISTANCE</b>	Yes, 10% Dilution	AATCC 107-13, Modified
<b>COLD CRACK</b>	-20° F	CFFA-6a-2007
<b>SULFIDE STAIN RESISTANCE</b>	Yes	

### PHYSICAL PERFORMANCE SPECIFICATIONS

<b>ABRASION RESISTANCE</b>	250,000+ Double Rubs	ASTM D4157-13
<b>BREAKING STRENGTH</b>	98 Warp, 81 Fill	ASTM D751-06
<b>COATING ADHESION</b>	8.2 Warp, 6.6 Fill	ASTM D751-06
<b>CROCKING RESISTANCE</b>	5 Dry, 5 Wet	AATCC 8-2013
<b>FLEX RESISTANCE</b>	25,000+	ASTM D2097-03
<b>TEAR STRENGTH: TONGUE TEAR</b>	6.9 Warp, 10.6 Fill	ASTM D751-06
<b>SEAM STRENGTH: TACK TEAR</b>	58.5 Warp, 46.2 Fill	ASTM D751-06

### FLAME RETARDANCY SPECIFICATIONS

CALIFORNIA TECHNICAL BULLETIN 117:13	Pass
UFAC CLASS I	Pass
NFPA 260	Pass
FMVSS 302	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  
 PHTHALATE FREE  
 LEAD / HEAVY METAL FREE  
 BPA FREE / TRIS FREE / FORMALDEHYDE FREE  
 DOES NOT CONTAIN CONFLICT MINERALS



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