



Repeats Not Shown to Scale.

US

Spirit Millennium Graphite 429

Meets or exceeds all ACT® Standards

High Performance Vinyl
Bleach Cleanable
PFAS Free



*ACT® Registered Certification Marks

Fabric Specifications

| | |
|------------------|---|
| Face | 100% Vinyl |
| Backing | 100% Polyester |
| Finish/Treatment | Advanced BeautyGard® Oil Resistant |
| Bleach Cleanable | Yes Ratio: 90% Water / 10% Bleach Solution |
| Weight | 37.0 oz. per linear yd |
| Thickness | 1.28 mm |
| Width | 54" |
| Roll Size | 30 yards |
| Directional | No |
| Railroaded | No |

Additional Attributes

| | |
|-------------------------|-----|
| PFAS Free | Yes |
| Antibacterial | Yes |
| Antimicrobial | Yes |
| Mildew Resistant | Yes |
| Sulfide Stain Resistant | Yes |

Recommended Cleaning

Please refer to Detailed Cleaning Instructions.

Performance Characteristics

| | |
|--|------------------------------------|
| Abrasion Resistance <small>ASTM D4157</small> | 1,500,000 double rubs* |
| Tensile Strength <small>Fed Std 191A-5100</small> | Warp: 65.0 lbs. Fill: 60.0 lbs. |
| Tear Strength <small>Fed Std 191A-5136</small> | Warp: 14.0 lbs. Fill: 12.0 lbs. |
| Seam Slippage <small>CS-273-65</small> | Warp: 25.0 lbs. Fill: 20.0 lbs. |
| Colorfastness to Crocking <small>Fed Std 191A-5651</small> | Dry: Good Wet: Good |
| UV Resistance <small>SAE J1885</small> | 226 hours |
| Adhesion <small>CS-273-65</small> | Warp: 3.0 lbs. Fill: 3.0 lbs. |
| Blocking <small>191A-5872</small> | 3 |
| Cold Crack <small>191A-5874</small> | -20° F |
| Flex <small>CS-273-65</small> | 15,000 cycles |

Flammability**

| | |
|--------------------------------|---------|
| CAL TB 117-2013 | Passes |
| NFPA 260 | Class 1 |
| UFAC | Class 1 |
| Federal Aviation Specification | Passes |
| Federal Specification | Passes |
| FMVSS 302 | Passes |

Although we try hard to make sure colors on our site are accurate, actual colors may vary. Please order samples prior to making a purchase.

Final determination of the suitability of this product for an application rests with the user.

Proposition 65 Warning: Yes

* Abrasion test results exceeding ACT Performance Guidelines are not an indicator of product lifespan. Multiple factors affect fabric durability and appearance retention.

** This term and any corresponding data refer to the typical performance in the specific tests indicated and should not be construed to imply the behavior of this or any other material under actual fire conditions.

Toll Free **1.800.841.8111**

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