

# Fusion

## GENERAL SPECIFICATIONS

|                     |                                     |
|---------------------|-------------------------------------|
| Overall Composition | 60% SiO™ Silicone / 40% Polyester   |
| Surface Composition | 100% SiO™ Silicone                  |
| Backing Composition | 100% Polyester                      |
| Weight              | 28 oz. Per Linear Yard<br>619.0 gsm |
| Width               | 54"                                 |
| Thickness           | 1.10 mm                             |
| Direction           | Up the Roll                         |

## PERFORMANCE SPECIFICATIONS

|                               |   |                         |
|-------------------------------|---|-------------------------|
| Abrasion Resistance           | 215,000+ Double Rubs*   | ASTM D4157-13 (2017)    |
| Stain Resistance              | Yes, PFAS-free  |                         |
| Anti-Bacterial                | Pass  | AATCC 147-2011          |
| Anti-Static                   | Pass  | AATCC 76                |
| Bleach Resistance             | Yes, 10% Dilution   |                         |
| Cold Crack                    | -20° F  | CFFA 6a-2010            |
| Colorfastness to Light        | Class 5.0 / 500 Hours   | AATCC 16.3-2014, Opt. 3 |
| UV Resistance                 | Class 4.5 / 1,300 Hours   | ASTM G 154-16           |
| Cytotoxicity                  | Degree 0  | ISO 10993-5             |
| Denim Dye Transfer Resistance | Yes   | Ford BN 112-09 (2006)   |
| Ink Resistance                | Yes   | CFFA 141                |
| Isopropyl Alcohol Resistance  | Yes, 70% Dilution   |                         |
| Mildew Resistance             | Pass  | ASTM G21-13             |
| Salt Spray Resistance         | 1,000+ Hours  | ASTM B117               |
| Skin Irritation               | No Reaction   | ISO 10993-23            |
| Sulfide Stain Resistance      | Yes   |                         |
| Breaking Strength             | Warp: 112 / Fill: 119   | ASTM D751-06 (2011)     |
| Coating Adhesion              | Warp: Full Bond / Fill: Full Bond   | ASTM D751-06 (2011)     |
| Croaking Resistance           | Dry 5.0 / Wet: 5.0  | AATCC 8-2016            |
| Flex Resistance               | 25,000+   | ASTM D2907-03 (2016)    |
| Seam Strength: Tack Tear      | Warp: 85.9 / Fill: 70.1   | ASTM D751-06 (2011)     |
| Tear Strength: Tongue Tear    | Warp: 11.6 / Fill: 8.2  | ASTM D751-06 (2011)     |
| Stretch and Set               | Warp: 6.9% Stretch / 0.0% Set<br>Fill: 54.4% Stretch / 3.5% Set<br>Bias: 32.6% Stretch / 2.0% Set | SAE J855-2009           |



\*ACT® Registered Certification Marks

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

## GENERAL PRODUCT INFORMATION

|                   |               |
|-------------------|---------------|
| Country of Origin | Korea         |
| HTS Code          | 5903.90.2500  |
| Roll Size         | 30 Yards/Roll |

## Fusion

### FLAMMABILITY SPECIFICATIONS

|                                |      |
|--------------------------------|------|
| California TB 117:13           | Pass |
| UFAC Class I                   | Pass |
| NFPA 260                       | Pass |
| FMVSS 302                      | Pass |
| IMO 2010 FTP Code, Pt. 8       | Pass |
| ASTM E84 (Adhered & Unadhered) | Pass |
| BS 5852: 2006 Crib 5           | Pass |

### CLEANING CODE

Cleaning Code: SW, BC

For complete cleaning information, please refer to the Cleaning and Care Guide.

### 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

PFAS-free

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.*

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