Burch

Technical Details

Repeats Not Shown to Scale.

MERIDIAN POLAR

1010191

Meets or exceeds all ACT® Standards

SiO™ Silicone Fabric
Ink Cleanable
Denim Dye Cleanable
Bleach Cleanable
Indoor/Outdoor
FR Free - Compliant with CAL AB 2998
PFAS Free
CFFA-HC-201 Compliant

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*ACT® Registered Certification Marks

Fabric Specifications

Content	100% SiO™ Medical Grade Silicone
Finish	None
Backing	100% Polyester Knit
Bleach Cleanable	Yes Ratio: 90% Water / 10% Bleach Solution
Indoor/Outdoor	Yes
Weight	28.0 oz. per linear yd
Thickness	1.10 mm
Width	54"
Roll Size	30 yards
Directional	Yes
Railroaded	No
Country of Origin	China

Additional Attributes

Ink Cleanable	Yes
Denim Dye Cleanable	Yes
Gauge	0.044
PFAS Free	Yes
CFFA-HC-201 Compliant	Yes
PVC Free	Yes
Phthalate Free	Yes
Free of Added FR Chemicals / CAL AB2998 Compliant	Yes
Antibacterial	Yes
Antimicrobial	Yes
BPA Free	Yes
SiO	Yes
Free of Conflict Minerals	Yes

Performance Characteristics

Abrasion Resistance ASTM D4157-10	225,000 double rubs*
Tensile Strength ASTM D751-06	Warp: 250.0 lbs. Fill: 279.0 lbs.
Tear Strength ASTM D751-06	Warp: 10.7 lbs. Fill: 11.8 lbs.
Seam Slippage ASTM D751-06	Warp: 102.0 lbs. Fill: 102.0 lbs.
Colorfastness to Crocking AATCC 8	Dry: 5.0 Wet: 5.0
UV Resistance ASTM G154	1000 hours
Cold Crack CFFA-6a-2010	-20° F
Flex CFFA-10-2010	25,000 cycles
Salt Spray Resistance ASTM B117	Hours: 1,000+
Skin Irritation ISO 10993-10	Reaction: No Reaction
Air Permeability ASTM D737	Result: Pass

Flammability**

CAL TB 117-2013	Pass
NFPA 260	Class 1
UFAC	Class 1
ASTM E-84	Class A or 1
IMO 2010 FTP Part 8, 3.1 & 3.2	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.

* 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.

Formaldehyde Free	Yes
Free of Heavy Metals	Yes
Lead Free	Yes
Mildew Resistant	Yes
Sulfide Stain Resistant	Yes
TRIS Free	Yes
Low VOC	Yes
Isopropyl Alcohol Resistant	Yes Dilution: 70%
Pink Stain Resistant	Yes
Anti Static	Yes
PFC Free	Yes
REACH 175 Compliant	Yes
RoHS 2.0 Compliant	Yes
Healthier Hospital Compliant	Yes

Recommended Cleaning

Please refer to Detailed Cleaning Instructions.