



# MITCHELL

## Product Specifications

### NuLeather - NUHIDE



<u>Construction</u>	<u>Values</u>	<u>Test Method</u>
Surface Composition	Polycarbonate	
Finished Width	54" min.	ASTM D 751-89
Weight at 54 inches	19.9 oz./yd. ±10%	ASTM D 751-89
Thickness	0.95 mm ±10%	ASTM D 751-89
Total Weight	13.3 oz./yd <sup>2</sup> ±10%	ASTM D 751-89
Backing Composition	85% Rayon, 15% Polyester	ASTM D 751-89
Backing Weight	5.6 oz./yd <sup>2</sup>	ASTM D 751-89
Put-up	30 yards	
Repeat	None	
Cleaning Code	W/S	
Railroaded	No	
<u>Performance</u>	<u>Minimum Values</u>	<u>Test Method</u>
Adhesion	4 lbs. x 4 lbs.	ASTM D 751-89
Breaking Strength	80 lbs. x 60 lbs.	ASTM D 751-89
Trap Tear	15 lbs. x 15 lbs.	ASTM D 751-89
Seam Strength	40 lbs. x 40 lbs.	ASTM D 751-89
Stretch at 15# MD (warp) xCD (fill)	12% x 20%	ASTM D 5034-09
Stretch and Set	Stretch: Length – 4.0% Width – 22.0% Set: Length – 0.7% Width – 3.4%	SAE J855
Flex Resistance	25,000 cycles	ASTM D 2097-91
Blocking	No. 1 - PASS	Fed. Std. 191 A , 5872
Seam Slippage	25 lbs. x 25 lbs.	ASTM D 4034
Crock Resistance	Dry-5; Wet-5	AATCC 8-2001
Wyzenbeek Abrasion	500,000 cycles, #10 Cotton Duck	ASTM D 4157-07
Mildew Resistance	Pass - No growth	ASTM G-21
Anti-Bacterial	Pass - No growth	AATCC 147-2004
Hydrolysis Resistance	15 weeks	ASTM D 3690-02
	15 weeks	ISO 5423: 1992 E
UV Stability	650 hours	AATCC 16-2004
Cold Crack (5# roller)	-20°F	CFFA-6A
<u>Flammability</u>		<u>Environmental</u>
California Bulletin 117-2013, Section 1	PASS	1. No PVC or Phthalates
CMVSS #302	PASS	2. No persistent organic pollutants
IMO A.652(16)8.2	PASS	3. No toxic by-products
NFPA 260	PASS	4. No flame retardant chemicals
UFAC Class I	PASS	5. RoHS and REACH compliance
		6. Over 99% of solvents recaptured and recycled



**Suitable Applications:** Commercial and Residential

**Country of Origin:** China

**01/08/2018 - Revision 8**