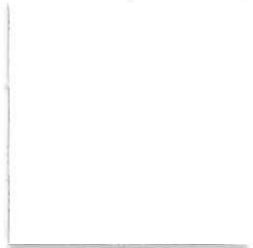


# NuLeather



Nutron Snow



Nuance Rain



Nuance Muslin



Nutron Mercury



Nuance Metal



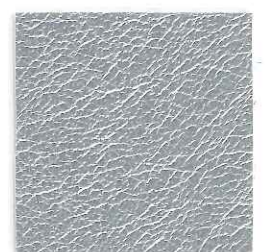
Nuance Alabaster



Nuance Latte



Nutron White Gold



Nutron Aluminum



Nuance Pumice



Nutron Magnesium



Nuance Zinc



Nutron Gunmetal



Nuance New Sand



Nuance Mocha



Nuance Cement



Nuance Shitake



Nutron Rose Gold



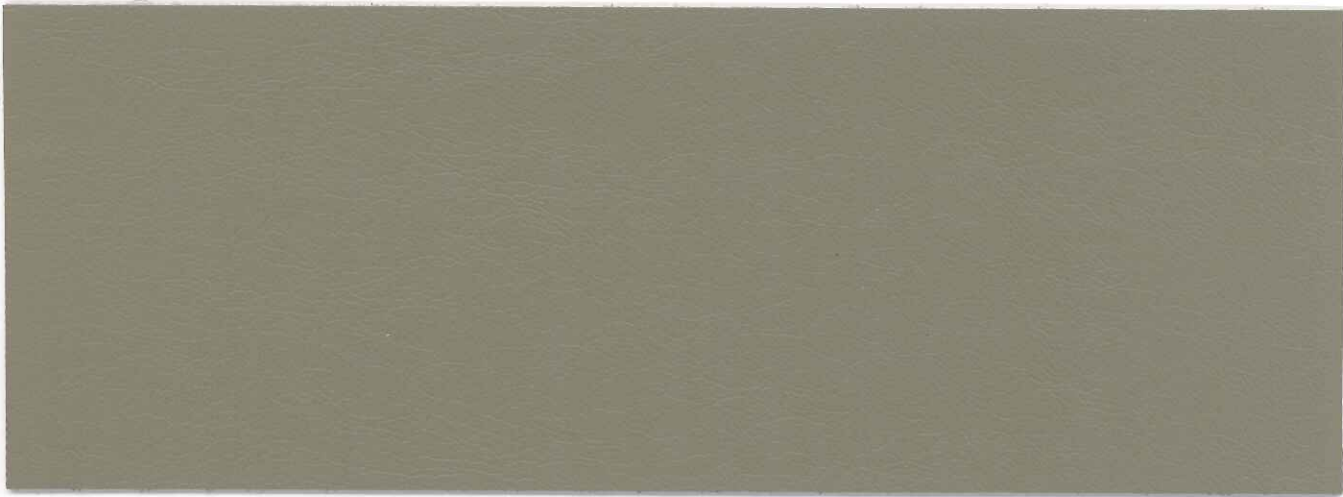
Nuance Taupe



Nutron Onyx



Nuance Sable



Nuance Mushroom



Nuance Chocolate



Nuance Charcoal



Nuance Carbon



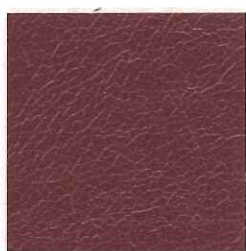
Nuance Ash



Nuance Luggage



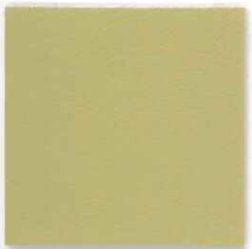
Nuance Mustard



Nutron Alloy



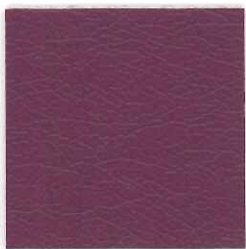
Nuance Silver Pine



Nuance Celery



Nutron Copper



Nuance Merlot



Nuance Wasabi



Nuance Lichen



Nuance Penny



Nuance Burgundy



Nuance Ocean



Nuance Basil



Nuance Brick



Nutron Iridium



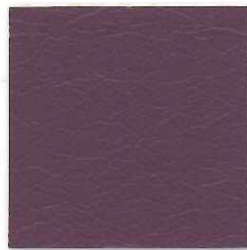
Nutron Cobalt



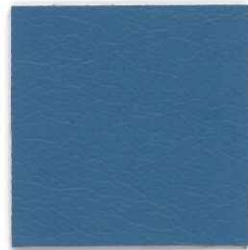
Nutron Barium



Nuance Cayenne



Nuance Eggplant



Nuance Storm



Nuance Evergreen



Nuance Lipstick



Nutron Tungsten



Nuance Navy



Nuance Olive



Nuance Tomato



Nuance Espresso



Nuance Marine



Nuance Moss

## Technical Specs

	<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	None	

## Performance

	<u>Values</u>	<u>Test Method</u>
Adhesion	4 lbs. × 4 lbs.	ASTM D 751-89
Grab Tensile	80 lbs. × 60 lbs.	ASTM D 751-89
Trap Tear	15 lbs. × 15 lbs.	ASTM D 751-89
Seam Strength	40 lbs. × 40 lbs.	ASTM D 751-89
Stretch at 15# MD (warp) ×CD (fill)	12% × 20%	ASTM D 5034-09
Flex Resistance	25,000 cycles	ASTM D 2097-91
Blocking	No. 1 - PASS	Fed. Std. 191 A , 5872
Crock Resistance	20 cycles - PASS	Fed. Std. 191 A , 5651
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	10 weeks	ASTM D 3690-02
	10 weeks	ISO 5423: 1992 E
UV Stability	650 hours	AATCC 16-2004
Cold Crack (5# roller)	-20°F	CFFA-6A

## Flammability

California Bulletin 117-2013, Section 1	PASS
CMVSS #302	PASS
IMO A.652(16)8.2	PASS
NFPA 260	PASS
UFAC 1990	PASS

## Environmental

No PVC, Phthalates,  
 No persistent organic pollutants  
 No toxic by-products  
 No flame retardant chemicals  
 RoHS and REACH compliance  
 Over 99% of solvents  
 recaptured and recycled

Suitable Applications: Commercial and Residential

Country of Origin: China  
 6/2016