

Hardwood



Outdoor & Marine Vinyl Uphostery Fabric  
Exclusive Morbern Camos: Hardwood & Marsh  
Made with (n)deavor!™ Technology

Marsh





# Hidden Creek

## Hardwood & Marsh

### Made with (n)deavor!™ Technology\*



### Specifications

Construction: The product is an expanded vinyl that is supported by a highly stretchable synthetic knitted backing fabric.

Physical Attributes: High strength and durability with good UV resistance.

Product Specifications				
Property	Units	Method	Results	Limits
Total Weight	Ozs/54*	ASTM D751	31.0	+/-1.5
	Ozs/Yd 2	ASTM D751	20.0	+/-1.0
Total Thickness	Mils	ASTM D751 Using Mitutoyo 2416	40	+/-4.0
Width	Inch	Fed Std 191A-5020	54	+1/-0
Adhesion of Coating	Pounds/Inch	ASTM D751	W. 3.0 minimum F. 3.0 minimum	
Abrasion Resistance	Cycles	Wyzenbeek 100,000 rubs, #8 Duck	No significant wear	
Weather Resistance	Hours	ASTM G153-00a Cycle 1, 1000 hrs (Formerly G23-00)	Pass. No significant color change or stiffening	
Mildew Resistance		ASTM G21-96	No growth or discoloration	
Cold Resistance	°F	Fed Std 191A 5874	Pass – 25	
Crocking Resistance		Fed Std 191A 5651	Rating of good both wet and dry	
Blocking Resistance		Fed Std 191A 5872	Scale rating 2 maximum	
Flame Resistance		FMVSS-302 California 117, Sect E	BIFMA Class A, UFAC Class 1	

Note: The information stated is, to the best of our knowledge, accurate. It is offered for verification and reference purposes only. Morbern, Inc. offers no warranty, and assumes no liability for actual reliance on this information.

Note: This product information sheet contains both quality control and design specifications.

Note: THIS DATA IS DERIVED FROM LIMITED TEST RESULTS AND THEREFORE SHOULD BE CONSIDERED PROVISIONAL.

Typical1 (average) values for (n)deavor!			
Property	Units	Method	Typical Results
Tensile Strength	Pounds	ASTM D751	W. 95.0 F. 70.0
Single Tear Strength	Pounds	Fed Std 191A-5134	W. 12.5 F. 13.5
Trapezoid Tear Strength	Pounds	ASTM D1117	W. 24.0 F. 28.0
Stretch Under Load	%	SAE J855	W. 18.0 F. 90.0
Permanent Set	%	SAE J855	W. 3.0 F. 10.0

1. Typical Values: These are average results, not minimums

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\*Select Mossy Oak and Real Tree  
camo patterns available.  
Please ask a Morbern Sales Representative  
for more details.