

Design: LEATHER GRAIN

## Sectors

### Contract

- Hospitality
- Office
- Outdoor
- Residential

### Marine

- Exterior
- Interior

### Transport

- Cars
- Motorbikes
- Public transport
- Recreational Vehicles

### General

Weight	657 ± 65 g/m <sup>2</sup>
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Width	1.37 m
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Topcoat	<b>PERMABLOK<sup>3</sup></b> ADVANCED VINYL PROTECTION
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Roll Length	30 m
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Composition	Vinyl / Urethane Topcoat
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Gauge	1.10 ± 0.16 mm
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### Backing

Description	Ultra Hi-Loft®
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Weight	125 g/m <sup>2</sup> - ISO 2286-2
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Type	POLYESTER
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### Other Attributes

Anti Static	ASTM D257
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Bacterial Resistant	AATCC 147
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Mildew Resistant	No Growth (NG)
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Mildew Resistance Method	ASTM G21
Pink Stain Resistant	ASTM E1428
Sulfide Stain Resistance	FISHER BODY TM 31-12

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## Flame Retardancy

DIN 4102 B2

EN 1021 PART 1 and 2

FMVSS 302

IMO FTP 2010 Code MSC.307(88), Part 8, 3.1 & 3.2

NFPA 260 - Cover Fabric - Class I

UFAC Fabric - Class I

CAL TB 117-2013

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.

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## Additional Tests

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## Tensile Strength Test - ISO 1421 M1

N(Min.)	Warp	254
	Fill	191

## Elongation At Break Test - ISO 1421 M1

% (Ave.)	Warp	88
	Fill	154

## Tear Strength Test - ISO 4674-1 MB

N(Min.)	Warp	19
	Fill	16

## Stitching Strength Test - DIN 54301

N(Min.)	Warp	30
	Fill	23

## Adhesion Test - ISO 2411

N/5cm(Min.)	Warp	26
	Fill	26

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## Abrasion Resistant III Test - UNE - EN ISO 12947

MARTINDALE	> 100,000 Cycles
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## Crocking Resistant II Test (AATCC 8)

Min. - Max.	Wet	5 - 4/5
	Dry	5 - 4/5

## UV stability Test

Xenotest	DIN 54004 / NTC 1479 - Blue Wool	Cal $\geq$ 7 1,000 Hours = Passes
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Quv	ASTM D-4329 / CFFA-2 c2	Cal $\geq$ 4 650 Hours = Passes
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## Cold Crack Test

CFFA-6a	-23 °C
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Note: The data correspond to minimum results of the statistical analysis. The information included in the specification is subject to change.

The indicated data corresponding to the material's physical characteristics are results of test conducted under standard procedures and are subject to variation. We therefore recommend our customers to evaluate the material with regard to the specific requirements and application(s) before specifying. For additional information, please contact your sales representative.

These terms 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.

Spradling group does not assume any responsibility for any damages resulting from improper applications.

Spradling group does not guarantee exact color matches as slight variations in production and stock may occur, as such lot separations is suggested.

# Velours

# SPRADLING®

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Spradling group reserves the right to modify technical sheets without notification.