

## surf(x)<sup>®</sup> Sheet Laminates by OMNOVA Solutions

**surf(x)<sup>®</sup>** Sheet Laminates by OMNOVA Solutions, are a color-through, impact-resistant sheet product designed for use in traditional High Pressure Laminate (HPL) type laminating and post-laminating as well as miter folding. **surf(x)** Sheet Laminates can be used in both horizontal and vertical applications and provide the ideal balance of cost, flexibility and toughness.

**surf(x)** Sheet Laminates provide increased levels of resistance to impact, scratch, marring, chemical and abrasion relative to traditional HPL. Their increased stain and impact resistance make them especially suited for horizontal and vertical surfaces - such as retail fixtures, work surfaces, counters and table tops.

### Sheet Size

- 4 ft. (49 in. / 1244.6 mm)\* width
- 8 ft. (97 in. / 2463.8 mm)\* length

### Applications

- Retail fixtures and displays
- General millwork

### Markets

- Retail
- Food service
- Commercial office
- Hospitality

### Benefits

#### CONSISTANT COLOR

**surf(x)** Sheet Laminates deliver a color-through construction eliminating brown-lines.

#### COST SAVINGS

Greater than 50% savings over the cost of traditional color-through HPL.

#### DURABILITY

Abrasion and scratch resistance providing a long-lasting "like-new" appearance. Superior impact (up to 3x greater) and abrasion resistance. Due to the inherent nature of High Gloss, material actual test results may vary from the typical properties.

#### COLOR MATCH

Exact color match to other OMNOVA laminate constructions:

- **surf(x)** 3D Laminates
- 3D Laminates
- 2D Laminates

#### CUSTOMIZABLE

You can specify colors, patterns and embossings to quickly and easily create unique or differentiated products. Additionally, any of OMNOVA's 300+ stock **surf(x)** 3D Laminates designs and textures or customer provided artwork are available as a MAKE-TO-ORDER. To help you, OMNOVA offers our experienced, full service approach to custom design and production.

#### AVAILABILITY

Five popular whites are available in STOCK, with additional designs, colors and lengths available as a MAKE-TO-ORDER in minimum order quantities of 500 sheets.

\* oversized by 1 in. / 25.4 mm

# TYPICAL PROPERTIES

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### PRODUCT INFORMATION

Sheet Width	4 ft. (49 in. / 1244.6 mm)*
Sheet Length	8 ft. (97 in. / 2463.8mm)*
Gauge	30 mil (High Gloss 32 mil)
Weight	0.22 lb. / ft. <sup>2</sup> (High Gloss 0.23 lb. / ft. <sup>2</sup> )

\* oversized by 1 in. / 25.4 mm)

### TYPICAL PROPERTIES COMPARISON\*\*

Test Method	surf(x)	HPL
Hoffman Scratch	1300 g	1000 g
Burnish	None / Slight	Slight
MEK Double Wipes	< 50	> 100
NEMA Wear (initial)	750 cycles	300 cycles
NEMA Cleanability	13 / 17*** (see below)	10
NEMA Ball Impact	> 3000 mm	1100 mm
NEMA Boiling Water	None / Moderate	None

\*\* High Gloss - Due to the inherent nature of High Gloss, material actual test results may vary from typical properties.

### STAIN RESISTANCE\*\*\* (See NEMA LD 3-2005 for full description.)

Cleaning Step Description (In order of use)	Staining Agent	Required Cleaning Step to Remove Stain	
		Printed	Solid
0 - Removed with water	Distilled Water	0	0
	Ethyl Alcohol / Water (50:50)	0	0
	Acetone	5	5
1 - 25 cycles spray cleaner or sponge	Household Ammonia	0	0
	Citric Acid 10%	0	0
	Vegetable Oil	0	0
2 - 25 cycles baking soda plus spray cleaner on brush	Coffee	0	0
	Tea	0	0
	Tomato Ketchup	0	0
3 - Acetone and cotton ball	Mustard	0	3
	10% Iodine	0	2
	Black Permanent Marker	2	0
4 - Bleach plus cotton ball	#2 Pencil	2	2
	Wax Crayon	2	2
	Black Shoe Polish	2	2
Total NEMA Cleanability Score		13	17

\*\*\* Actual results may vary depending on color - lighter shades are more susceptible to staining.

Though OMNOVA Laminates can be used in many applications, all laminates are sold with the understanding that customers will make their own independent determination whether a particular laminate has the durability and other performance attributes required for the specific end use laminate application – not all laminates are suitable for all applications.

For the latest designs, more information or to place an order, contact OMNOVA Solutions:  
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