Flat Laminates by OMNOVA Solutions, are flexible and versatile surfacing products suitable in a wide variety of decorative and functional applications. They can be flat-laminated or profile-wrapped to wood substrates.

Flat Laminates are scratch, abrasion, and stain resistant. A high performance coating provides an added degree of protection, durability and easy clean-up when compared to paper laminates or painted surface treatments. OMNOVA offers a wide selection of patterns and designs. Custom color, design, coatings and constructions are also available.

**Applications**
- Cabinet bases
- Horizontal surfaces
- - moderate use
- Miter folding
- Millwork
- Profile wrapping
- Promotional & seasonal fixtures
- Shelving
- Store fixtures
- Vertical surfaces
- Wall systems

**Benefits**

**DURABILITY**
Abrasion and scratch resistance provide a long-lasting “like-new” appearance.

**CLEANABILITY**
Easy clean-up – usually with just soap and water.

**CUSTOMIZABLE**
You can specify colors, designs and embossings to quickly and easily create unique or differentiated products. You can also achieve various functional and decorative effects by choosing from several performance coatings. To help you, OMNOVA offers our experienced, full service approach to custom design and production.

**TFL COLOR MATCHING**
OMNOVA’s TFL Color Matching Program identifies which of our Flat Laminates closely approximates the color of a number of popular thermally fused laminates (TFL) available in today’s market. To download a copy of our current Laminate Color Match Reference Guide, visit: www.omnova.com/laminates-matches.aspx.

**TECHNICAL CAPABILITY**
Our experienced associates can provide technical product information to assist you with your laminate selection. In addition, OMNOVA offers field technical support to aid process start-up and troubleshooting.

**AVAILABILITY**
STOCK products are available in low minimum order quantities for shipment. MAKE-TO-ORDER products are not maintained in inventory but can be custom ordered. OMNOVA’s domestic production eliminates the long lead times caused by off-shore supply and helps reduce product development cycle times.
PRODUCT INFORMATION

Usable Film Widths* 50" and 62" (+/- 0.125")
Film Thickness 5 - 12 mil (0.005 - 0.012") (+/- 5.0%)
Roll Lengths 375, 450, 500 and 600 linear yards

* Actual film width is wider

TYPICAL PROPERTIES (top print)

Test Name Value
Hoffman Scratch 1300 g
Burnish Slight/moderate
NEMA Wear 600
NEMA Cleanability 27 / 23 / 17** (See below)
NEMA Ball Impact 2600
Coating Adhesion 100%

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

Cleaning Step Description (In order of use)

0 - Removed with water
1 - 25 cycles spray cleaner or sponge
2 - 25 cycles baking soda plus spray cleaner on brush
3 - Acetone and cotton ball
4 - Bleach plus cotton ball
5 - Not removed

Staining Agent Embossed Metallic Top Print (2-ply)
Distilled Water 0 0 0
Ethyl Alcohol / Water (50:50) 0 0 0
Acetone 5 5 5
Household Ammonia 0 0 0
Citric Acid 10% 0 0 0
Vegetable Oil 0 0 0
Coffee 0 0 0
Tea 0 0 0
Tomato Ketchup 0 0 0
Murphy's 0 0 0
Mustard 3 5 3
10% Iodine 5 3 4
Supermarket Stamp Ink 3 0 0
#2 Pencil 3 3 1
Wax Crayon 3 2 2
Black Shoe Polish 5 5 2

Total NEMA Cleanability Score 27 23 17

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

KCMA CHEMICAL RESISTANCE (9.3)

Test Material Results*
Vinegar No Effect
Lemon Juice No Effect
Grape Juice No Effect
Orange Juice No Effect
Tomato Ketchup No Effect
Coffee No Effect
Olive Oil No Effect
Alcohol, 100 Proof No Effect
Detergent Solution No Effect
Mustard Moderate Effect

* Results
No Effect = No discoloration or stain after cleaning immediately with water.
Moderate Effect = Slight stain or discoloration apparent after cleaning.
Severe Effect = Definite stain after cleaning, remaining after 14 days.

For the latest designs, more information or to place an order, contact OMNOVA Solutions:
866-332-5226 • laminates@omnova.com • www.omnova.com/laminates

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