OVERLAMINATE

FILMS PORTFOLIO

Overlaminates that enhance overall graphic depth while protecting printed materials from UV radiation, environmental elements, moisture and abrasion.

Overlaminates

Calendered vinyl, polycarbonate, polyester, and polyolefin options available to fit your specific application - **Laminate to similar substrates for the best results*

Choose from a range of finishes, including matte, gloss, luster, velvet, optically clear, or textured options, to achieve the perfect blend of aesthetics and functionality

High-performing, permanent pressure-activated adhesives engineered to prevent common flaws in the laminating process like silvering, orange peeling, and delamination

Excellent performance on flat or simply curved application surfaces

Unique options also available – UL 410 slip resistance and dry erase

This logo represents Nekoosa's commitment to offering sustainable alternatives to traditional PVC materials. We're happy to offer PVC-Free options in this product line.

Applications

- Flat & Simple Curves
- Printed Graphics
- Point-of-Purchase Displays
- Wall Graphics
- Window Graphics
- Floor Graphics
- Exhibits
- Trade Show Graphics
- Transit
- Displays
- Dry Erase Graphics
- Counter Mats
- Photographic Prints
- In-Store Signage

UL LISTED

MADE IN THE USA

SCAN HERE FOR **FREE SAMPLES** ▶

NEKOOSA

800.826.4886 | sales@nekoosa.com

NEKOOSA.COM

10.05.26 | M1576-OV

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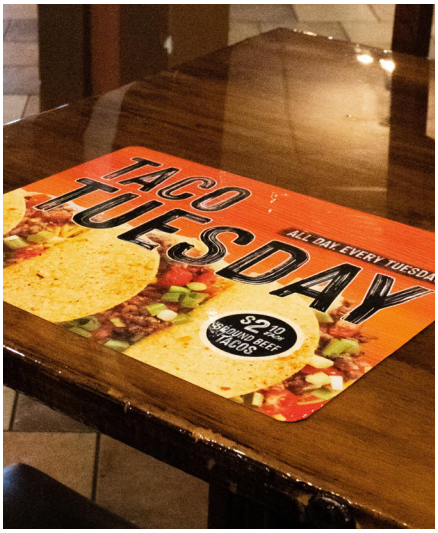

STOCKED PRODUCTS

	Finish/Color	SKU #	UV Protection	Size	Film Thickness	Adhesive	Liner
Calendered Vinyl Overlaminate Films							
	Luster Clear	**LM3LL5450** $	•	54" x 50 yd	3.2 mil	Permanent	78# Paper
		LM3LL6050	•	60" x 50 yd			
	Matte Clear	**LM3MCL5450** $	•	54" x 50 yd	3.2 mil	Permanent	78# Paper
		LM3MCL6050	•	60" x 50 yd			
	Gloss Clear	**LM3CL5450** $	•	54" x 50 yd	3.2 mil	Permanent	78# Paper
		LM3CL6050	•	60" x 50 yd			
	Gloss Optically Clear*	**LM4CL5450**	•	54" x 50 yd	4 mil	Permanent	PET
	Embossed Clear*	**LM6CE5450**		54" x 50 yd	6 mil Semi-Rigid	Permanent	PET
							*LM4CL and LM6CE are UL 410 certified and suitable for interior floor graphics.
Polyester Overlaminate Films							
	Optically Clear Dry Erase	**LM1DE5450**		54" x 50 yd	1 mil	Permanent	PET
Polyolefin Overlaminate Film							
	Embossed Clear	**LMPP5450**		54" x 50 yd	3 mil	Permanent	PET
							*LMPP5450 is UL410 certified and suitable for interior floor graphics

NEKOOSA BUCKS
available in select rolls.

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TECHNICAL DATA

Grade ▶		LM3LL	LM3MCL	LM3CL	LM4CL
Physical Properties					
Finish		Semi-Gloss	Matte	Gloss	Gloss
Color		Clear	Clear	Clear	Clear
Adhesive		Permanent - P22	Permanent - P22	Permanent - P22	Permanent - P92
Film		Calendered Vinyl	Calendered Vinyl	Calendered Vinyl	Calendered Vinyl
Liner		78# Release Liner	78# Release Liner	78# Release Liner	1.5 Clear PET
Opacity		20% Maximum	20% Maximum	20% Maximum	20% Maximum
Gloss Level		40-60%	8% Typical	75% Minimum	75% Minimum
Thickness	Film	3.0 ± 0.2 mil	5.5 ± 0.2 mil	3.0 ± 0.2 mil	3.0 ± 0.2 mil
	Film + Adhesive	4.0 ± 0.2 mil	6.2 ± 0.2 mil	4.0 ± 0.2 mil	4.0 ± 0.2 mil
	Total Thickness	8.5 ± 0.4 mil	12.5 ± 0.4 mil	8.5 ± 0.4 mil	5.5 ± 0.4 mil
Adhesion	SS 15 min Room Temp Dwell	65 oz/in minimum	65 oz/in minimum	65 oz/in minimum	65 oz/in minimum
	SS 24 hr Room Temp Dwell	75 oz/in minimum	75 oz/in minimum	75 oz/in minimum	75 oz/in minimum
Fire Rating		ASTM E84 Class 1 or A	ASTM E84 Class 1 or A	ASTM E84 Class 1 or A	ASTM E84 Class 1 or A

Grade ▶		LM6CE	LM1DE	LMPP
Physical Properties				
Finish		Textured	Gloss	Embossed
Color		Clear	Clear	Clear
Adhesive		Permanent - P92	Permanent	Permanent
Film		Embossed Rigid Vinyl	Optically Clear Polyester	Clear Polyolefin
Liner		1.5 Clear PET	1.2 Clear PET	1.5 Clear PET
Opacity		12-18%	2% Typical	18% Maximum
Gloss Level		12% Typical	Clear Polyester	18% Typical
Thickness	Film	5.75 ± 0.2 mil	1.0 ± 0.2 mil	3.0 ± 0.2 mil
	Film + Adhesive	6.7 ± 0.2 mil	2.0 ± 0.2 mil	4.2 ± 0.2 mil
	Total Thickness	8.75 ± 0.4 mil	3.2 ± 0.4 mil	5.6 ± 0.4 mil
Adhesion	SS 15 min Room Temp Dwell	65 oz/in minimum	45 oz/in minimum	65 oz/in minimum
	SS 24 hr Room Temp Dwell	100 oz/in minimum	60 oz/in minimum	75 oz/in minimum
Fire Rating		ASTM E84 Class 1 or A	ASTM E84 Class 1 or A	

*LM4CL, LM6CE, LMPP are UL410 slip resistant certified and only suitable for interior floor graphics.

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The information provided herein is correct to the best of Nekoosa's knowledge. No liability for any errors, facts or opinions are accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.

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TECHNICAL DATA

Material ▶	Calendered Vinyl	Polycarbonate	Polyester
Conditions for Use			
Shelf Life	1 year	1 year	1 year
Outdoor Durability	Up to 4 years*	Up to 2 years	Not recommended for outdoor use
Min Application Temperature	40° F (4° C)	20° F (-7° C)	40° F (4° C)
Service Temperature Range	-20° to 150° F (-29° to 66° C)	0° to 200° F (-18° to 93° C)	-20° to 225° F (-29° to 107° C) If laminated over vinyl films -20° to 150° F (-29° to 66° C)
Solvent/ Chemical Resistance	Good for most petroleum solvents and lower aliphatic alcohols. For ultimate solvent resistance, edge sealing is recommended	Excellent	Good for most petroleum solvents and lower aliphatic alcohols. For ultimate solvent resistance, edge sealing is recommended
Water Resistance	Excellent	Excellent	Excellent

Material ▶	Polyester Dry-Erase	Polyolefin
Conditions for Use		
Shelf Life	1 year	1 year
Outdoor Durability	Not recommended for outdoor use	Not recommended for outdoor use
Min Application Temperature	50° F (10° C)	40° F (4° C)
Service Temperature Range	-40° to 248° F (-40° to 120° C)	-20° to 150° F (-29° to 66° C)
Solvent/ Chemical Resistance	Resistant to: industrial window cleaner, isopropyl alcohol, hand sanitizer, household ammonia, oven cleaner	Good for most petroleum solvents and lower aliphatic alcohols. For ultimate solvent resistance, edge sealing is recommended
Water Resistance	Excellent	Good

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