

PREMIUM VINYL

HIGH PERFORMANCE
CALENDERED VINYL



Turn to Nekoosa's Premium Vinyl when you need to produce specific signage applications that require superior features including robust adhesive systems, liners and finishes.

Premium Vinyl

Suitable for indoor and outdoor applications (<3 to 5 years outdoors)

Grades with removable adhesives will remove cleanly from surfaces within 1 year

High opacity films with an excellent white point

Matte white, gloss white or clear finish

Clear or gray block-out permanent, removable, or high-bond permanent pressure sensitive adhesive

Air-egress options available

Lay-flat 90# release liner, superior for printing with latex and UV wide format printers

Versatile product offering compatible for print and cut machines

3, 4 and 6 mil thickness options available for easy installation onto flat or simple curves without rivets

Made in the U.S.A.

Printer Compatibility: Latex, UV Inkjet, Eco-Solvent, True Solvent, Conventional Offset, UV Offset, UV Screen, HP Indigo

*Please review Premium Vinyl technical information for specific outdoor durability ratings.

Applications

Banner Graphics

Cut Lettering

Decals

Point-of-Purchase Signage

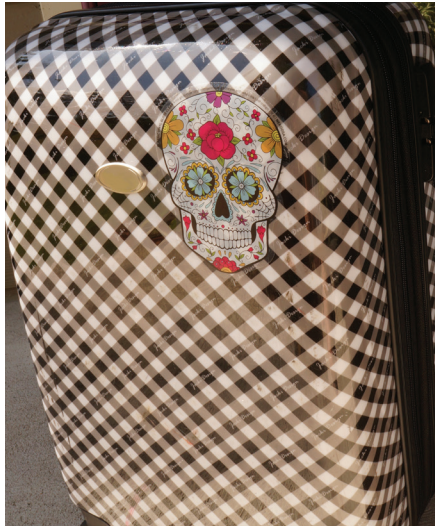
Bumper Stickers

Fleet Markings

Name Plates

In-Store Promotions

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STOCKED PRODUCTS ▶

	Finish/Color	SKU #	Roll Size	Film Thickness	Adhesive	Liner	Rolls/Carton
Wide Format							
Gloss White		SPM300GWF2050	20" x 50 yd	3 mil	Permanent	90# Layflat	1
		SPM300GWF5450	54" x 50 yd				1
		SPM300GWF6050	60" x 50 yd				1
Gloss White		SPM300GWR/GR5450	54" x 50 yd	3 mil	Gray Removable	90# Layflat	1
		SPM300GWR/GR6050	60" x 50 yd				1
Gloss White		SPM300GWF/GR5450	54" x 50 yd	3 mil	Gray Permanent	90# Layflat	1
		SPM300GWF/GR6050	60" x 50 yd				1
Gloss White		SPM300GWF/HT5450	54" x 50 yd	3 mil	High-Bond Permanent	90# Layflat	1
Gloss White		SPM600G5450	54" x 50 yd	6 mil	High-Bond Permanent	90# Layflat	1
Matte White		SPM400FW/P5450	54" x 50 yd	4 mil	Permanent	90# Layflat	1
		SPM400FW/P6050	60" x 50 yd				1
Matte White		SPM400FWR/GR5450	54" x 50 yd	4 mil	Gray Removable	90# Layflat	1
		SPM400FWR/GR6050	60" x 50 yd				1
Matte White		SPM400FWP/GR5450	54" x 50 yd	4 mil	Gray Permanent	90# Layflat	1
		SPM400FWP/GR6050	60" x 50 yd				1
Matte White		SPM400FWP/HT5450	54" x 50 yd	4 mil	High-Bond Permanent	90# Layflat	1
		SPM400FW/R5450	54" x 50 yd				1
Matte White		SPM400FW/R6050	60" x 50 yd	4 mil	Removable	90# Layflat	1
		SPM6005450N	54" x 50 yd				1
Clear		SPM400C5450	54" x 50 yd	4 mil	Permanent	90# Layflat	1
		SPM400C6050	60" x 50 yd				1

	Finish/Color	SKU #	Roll Size	Film Thickness	Adhesive	Liner	Rolls/Carton
Wide Format Air-Egress							
Gloss White		SPE300GWR/GR5450	54" x 50 yd	3 mil	Gray Removable	90# Layflat Air-Egress	1
Gloss White		SPE300GWF/GR5450	54" x 50 yd	3 mil	Gray Permanent	90# Layflat Air-Egress	1
Matte White		SPE400FWR/GR5450	54" x 50 yd	4 mil	Gray Removable	90# Layflat Air-Egress	1
Matte White		SPE400FWP/GR5450	54" x 50 yd	4 mil	Gray Permanent	90# Layflat Air-Egress	1

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CUSTOM SIZE OFFERING ▶

Finish/Color	SKU #	Roll Size (width)	Film Thickness	Adhesive	Liner	Weight /MSI
Non-Top Coated – Conventional, UV Offset & Screen						
Gloss White	PV300GWF	54"/60"	3 mil	Permanent	90# Layflat	.44#
	PV300GWP/GR/AE	54"/60"	3 mil	Gray Permanent	90# Layflat with Air-Egress	.44#
	PV300GWR/GR/AE	54"/60"	3 mil	Gray Removable	90# Layflat with Air-Egress	.44#
Matte White	PV400FW/P	54"/60"	4 mil	Permanent	90# Layflat	.50#
	PV400FW/R	54"/60"	4 mil	Removable	90# Layflat	.50#
	CV400FW/HT	54"/60"	4 mil	Removable	90# Layflat	.50#
	PV400FWR/GR/AE	54"/60"	4 mil	Removable	90# Layflat with Air-Egress	.50#
	CV600FW	54"	6 mil	Permanent	90# Layflat	.62#
	CV800FW	54"	8 mil	Permanent	90# Layflat	.70#

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TECHNICAL DATA ▶

		SPM300GWF PV300GWF	SPM300GWR/GR	SPM300GWF/GR	SPM300GWF/HT	SPE300GWR/GR PV300GWR/GE/AE	SPE300GWF/GR PV300GWP/GR/AE
Physical Properties							
Finish		Gloss	Gloss	Gloss	Gloss	Gloss	Gloss
Color		White	White	White	White	White	White
Adhesive		Permanent: Moderate Peel, Clear	Removable: Moderate Peel, Gray	Permanent: Moderate Peel, Gray	Permanent: High Peel, Clear	Removable: Moderate Peel, Gray	Permanent: Moderate Peel, Gray
Film		Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl
Liner		90# Layflat	90# Layflat	90# Layflat	90# Layflat	90# Layflat Air-Egress	90# Layflat Air-Egress
Opacity		92% minimum	99+%	99+%	92% minimum	99+%	99+%
Gloss Level		80% typical	80% typical	80% typical	80% typical	80% typical	80% typical
Thickness	Film	3.0 ± 0.2 mil	3.0 ± 0.2 mil	3.0 ± 0.2 mil	3.0 ± 0.2 mil	3.0 ± 0.2 mil	3.0 ± 0.2 mil
	Film w/ Adhesive	4.0 ± 0.3 mil	4.0 ± 0.3 mil	4.0 ± 0.3 mil	4.0 ± 0.3 mil	4.0 ± 0.3 mil	4.0 ± 0.3 mil
	Total Thickness	10.5 ± 0.4 mil	10.5 ± 0.4 mil	10.5 ± 0.4 mil	10.5 ± 0.4 mil	11.5 ± 0.4 mil	11.5 ± 0.4 mil
Adhesion	SS 15 min Room Temp Dwell	45 oz/in minimum	10-14 oz/in typical	40 oz/in minimum	65 oz/in minimum	3-7 oz/in typical	40 oz/in minimum
	SS 24 hr Room Temp Dwell	55 oz/in minimum	14-18 oz/in typical	50 oz/in minimum	80 oz/in minimum	13-17 oz/in typical	50 oz/in minimum
Weight	Film w/ Adhesive	125-130 gsm	130-135 gsm	130-135 gsm	125-130 gsm	130-135 gsm	130-135 gsm
	Total w/ Liner	280-290 gsm	280-290 gsm	280-290 gsm	280-290 gsm	290-300 gsm	290-300 gsm

		SPM400FW/P PV400FW/P	SPM400FWR/GR	SPM400FWP/GR	SPM400FWP/HT CV400FW/HT	SPM400FW/R PV400FW/R	SPM400C
Finish		Matte	Matte	Matte	Matte	Matte	Double Polished Clear
Color		White	White	White	White	White	Clear
Adhesive		Permanent: Moderate Peel, Clear	Removable: Moderate Peel, Gray	Permanent: High Peel Peel, Gray	Permanent: High Peel, Clear	Removable: Moderate Peel, Clear	Permanent: High Peel, Clear
Film		Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl
Liner		90# Layflat	90# Layflat	90# Layflat	90# Layflat	90# Layflat	90# Layflat
Opacity		92% minimum	100%	100%	92% minimum	92% minimum	15% maximum
Gloss Level		8% typical	8% typical	8% typical	8% typical	8% typical	High Gloss
Thickness	Film	3.2 ± 0.2 mil	3.2 ± 0.2 mil	3.2 ± 0.2 mil	3.2 ± 0.2 mil	3.2 ± 0.2 mil	3.1 ± 0.2 mil
	Film w/ Adhesive	4.2 ± 0.3 mil	4.2 ± 0.3 mil	4.2 ± 0.3 mil	4.2 ± 0.3 mil	4.2 ± 0.3 mil	4.1 ± 0.3 mil
	Total Thickness	10.7 ± 0.4 mil	10.7 ± 0.4 mil	10.7 ± 0.4 mil	10.7 ± 0.4 mil	10.7 ± 0.4 mil	10.6 ± 0.4 mil
Adhesion	SS 15 min Room Temp Dwell	45 oz/in minimum	10-14 oz/in typical	60 oz/in minimum	65 oz/in minimum	4-8 oz/in typical	65 oz/in minimum
	SS 24 hr Room Temp Dwell	55 oz/in minimum	14-18 oz/in typical	75 oz/in minimum	80 oz/in minimum	12-16 oz/in typical	80 oz/in minimum
Weight	Film w/ Adhesive	145-150 gsm	150-155 gsm	150-155 gsm	145-150 gsm	145-150 gsm	125-130 gsm
	Total w/ Liner	290-300 gsm	300-310 gsm	300-310 gsm	290-300 gsm	290-300 gsm	290-300

The information provided herein is correct to the best of Nekoosa's knowledge, however, should not be construed as specifications. 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 ▶

	SPE400FWR/GR PV400FWR/GR/AE	SPE400FWP/GR	SPM600	SPM600G	SPMWG6G	SPM600FW/R
Physical Properties						
Finish	Matte	Matte	Matte	Gloss	Gloss	Matte
Color	White	White	White	White	White	White
Adhesive	Removable: Moderate Peel, Gray	Permanent: Moderate Peel, Gray	Permanent: High Peel Peel, Clear	Permanent: High Peel Peel, Clear	Removable: Micro-sphere	Removable: High Peel, Clear
Film	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl	Premium Calendered Vinyl
Liner	90# Layflat Air-Egress	90# Layflat Air-Egress	90# Layflat	90# Layflat	90# Layflat	90# Layflat
Opacity	100%	100%	95% minimum	100%	95% minimum	95% minimum
Gloss Level	8% typical	8% Typical	8% typical	90% typical	90% typical	8% typical
Thickness	Film	3.2±0.2 mil	3.2±0.2 mil	5.5 ± 0.2 mil	5.5 ± 0.2 mil	5.5 ± 0.2 mil
	Film w/ Adhesive	4.2± 0.3 mil	4.2± 0.3 mil	6.5 ± 0.3 mil	6.5 ± 0.3 mil	6.5 ± 0.3 mil
	Total Thickness	11.9±0.4 mil	11.9±0.4 mil	13.0 ± 0.4 mils	13.0 ± 0.4 mils	13.0 ± 0.4 mils
Adhesion	SS 15 min Room Temp Dwell	3-7 oz/in typical	40 oz/in minimum	65 oz/in minimum	65 oz/in minimum	16 - 20 oz/in typical
	SS 24 hr Room Temp Dwell	13-17 oz/in typical	50 oz/in minimum	80 oz/in minimum	80 oz/in minimum	23- 27 oz/in typical
Weight	Film w/ Adhesive	150-155 gsm	150-155 gsm	220-225 gsm	215-220 gsm	210-215 gsm
	Total w/ Liner	310-320 gsm	310-320 gsm	370-380 gsm	360-370 gsm	360-370 gsm

		SPE600FW
Physical Properties		
Finish	Matte	
Color	White	
Adhesive	Removable: High Peel, Clear	
Film	Premium Calendered Vinyl	
Liner	90# Layflat Air-Egress	
Opacity	95% minimum	
Gloss Level	8% typical	
Thickness	Film	5.5 ± 0.2 mil
	Film w/ Adhesive	6.5 ± 0.3 mil
	Total Thickness	14.2 ± 0.4 mils
Adhesion	SS 15 min Room Temp Dwell	23 - 27oz/in typical
	SS 24 hr Room Temp Dwell	43 - 47 oz/in typical
Weight	Film w/ Adhesive	220-225 gsm
	Total w/ Liner	375-385 gsm

	Permanent	Removable
Conditions for Use		
Shelf Life	1 year	1 year
Outdoor Durability	Up to 3-5 years	Up to 5 years*
Min Application Temp	35° F (1.7° C)	40° F (4.4° C)
Service Temp Range	-20° to 150° F (-28.9° to 65.6° C)	-10° to 140° F (-23.3° to 60° C)
Solvent Resistance	Excellent	Excellent
Chemical Resistance	Excellent	Excellent

*SPM600G5450 outdoor durability is up to 3 years.

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