

# NEKOOSA GLASS FINISHES™

Deep Etch

Light Etch

Dusted Crystal

Frost

Sand Blast

Sand Matte

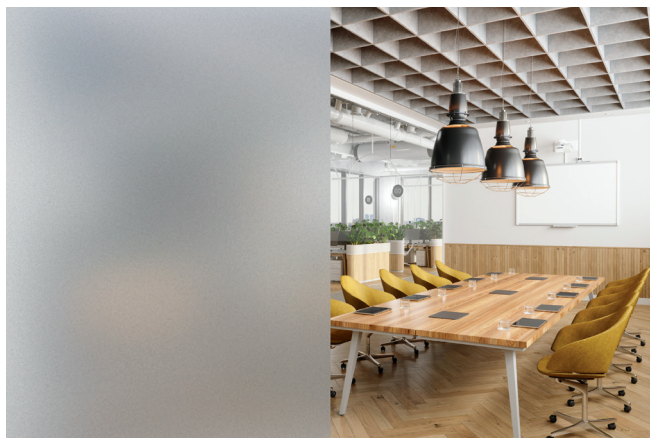
Bird Safety Film





Nekoosa Glass Finishes™ offers a wide range of printable window films designed to transform the appearance of interior and exterior commercial buildings for privacy and finishing purposes. Available in Deep Etch, Light Etch, Dusted Crystal, Frost, Sand Blast and Sand Matte finishes, each film offers a degree of privacy by obscuring direct visibility while allowing excellent light transmission. Each film includes a solvent-performance permanent adhesive and a PET liner for excellent printability and 7 years of outdoor durability. For detailed designs and lettering, these films can be plotter-cut to create decals, logos and decorative displays. Nekoosa Glass Finishes™ additionally offers a Bird Safety Film engineered specifically to allow birds to see windows that otherwise appear invisible.

## NEKOOSA GLASS FINISHES™



Deep Etch  
● ● ● ● ● ● ● ●



Light Etch  
● ● ● ● ● ● ● ●



Dusted Crystal  
● ● ● ● ● ● ● ●



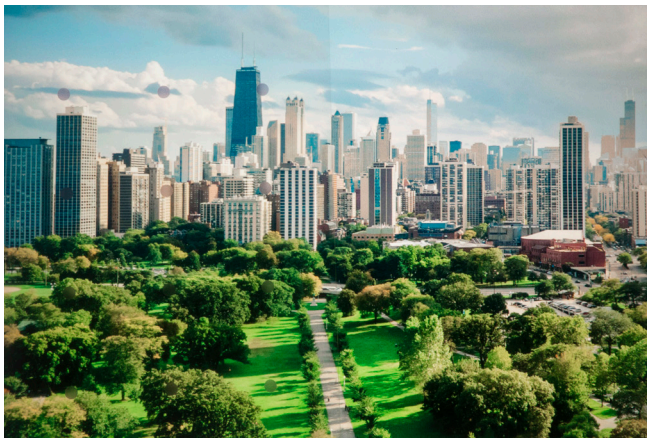
Frost  
● ● ● ● ● ● ● ●



**Sand Blast**



**Sand Matte**



 **Bird Safety Film**

## STOCKED PRODUCTS ▶

	Finish/Color	SKU #	Liner	Size
<b>Nekoosa Glass Finishes™</b>				
Nekoosa Glass Finishes - Deep Etch	Opaque Frosted	DW9867-60100 ●	PET Liner	60" x 100'
Nekoosa Glass Finishes - Light Etch	Opaque Frosted	DW4477-60100 ●	PET Liner	60" x 100'
Nekoosa Glass Finishes - Dusted Crystal	Opaque Frosted	DW3412-60100 ●	PET Liner	60" x 100'
Nekoosa Glass Finishes - Frost	Clear Embossed	DW2345-60100 ●	PET Liner	60" x 100'
Nekoosa Glass Finishes - Sand Blast	Clear Embossed	DW6231-60100 ●	PET Liner	60" x 100'
Nekoosa Glass Finishes - Sand Matte	Opaque Frosted	DW1823-60100 ●	PET Liner	60" x 100'
Nekoosa Glass Finishes - Bird Safety Film	DOT	DW7154-6095 ●	PET Liner	60" x 95'



**NEKOOSA BUCKS**  
available in select rolls listed above.

 = PVC-Free



**Choose your perfect tape.**

We recommend applying Nekoosa Glass Finishes™ with these tapes.

RTape Product Number/Type		Tack Level
Application Tapes – Standard Weight Paper	4075, 4075RLA	High-Tack (16-18 oz)
Clear Film Tapes	AT65 Textured Clear Film	High Tack (2-6 oz)



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# TECHNICAL DATA ▶

			Deep Etch	Dusted Crystal	Frost
<b>Physical Properties</b>					
<b>Finish</b>			Frosted/Sandblasted Translucent Glass	Crystal Etched Translucent Glass	Frosted Translucent Glass
<b>Color</b>			Clear	Clear	Clear
<b>Adhesive</b>			Clear, Permanent Solvent Acrylic	Clear, Permanent Solvent Acrylic	Clear, Permanent Solvent Acrylic
<b>Film</b>			3 mil Clear Polymeric High Grade Vinyl	4 mil Clear Polymeric High Grade Vinyl	4 mil Clear Polymeric High Grade Vinyl
<b>Liner</b>			3 mil Siliconized PET Liner	3 mil Siliconized PET Liner	3 mil Siliconized PET Liner
<b>Thickness</b>	Film	TAPPI T-411	3.0 ± 0.3 mil	4.0 ± 0.4 mil	4.0 ± 0.4 mil
	Film w/ Adhesive	TAPPI T-411	4.0 ± 0.4 mil	5.0 ± 0.5 mil	5.0 ± 0.5 mil
	Total Thickness	TAPPI T-411	7.0 ± 0.7 mil	8.0 ± 0.8 mil	8.0 ± 0.8 mil
<b>Adhesion</b>	Glass, 15 min Room Temp Dwell	ASTM D3330	3.0 ± 1 lb/in	3.0 ± 1 lb/in	3.0 ± 1 lb/in
	Glass, 24 hr Room Temp Dwell	ASTM D3330	5.5 ± 1 lb/in	5.5 ± 1 lb/in	5.5 ± 1 lb/in
<b>Weight</b>	Film w/ Adhesive	TAPPI T-410	110-132 gsm	140-170 gsm	140-170 gsm
	Total w/ Liner	TAPPI T-410	205-250 gsm	240-290 gsm	240-290 gsm
<b>Visible Light Transmission</b>			%	44	73
<b>UV Light Rejection</b>			%	66	96
<b>Infrared Light Rejection</b>			%	48	26
<b>Printability</b>			UV, Offset, Screen, Latex, Solvent, Eco-Solvent	UV, Offset, Screen, Latex, Solvent, Eco-Solvent	UV, Offset, Screen, Latex, Solvent, Eco-Solvent

			Light Etch	Sand Blast	Sand Matte
<b>Physical Properties</b>					
<b>Finish</b>			Acid Etched, Soft Frost Translucent Glass	Translucent Sandblasted Glass	Frosted Sandblasted Glass
<b>Color</b>			Clear	Clear	Clear
<b>Adhesive</b>			Clear, Permanent Solvent Acrylic	Clear, Permanent Solvent Acrylic	Clear, Permanent Solvent Acrylic
<b>Film</b>			3 mil Clear Polymeric High Grade Vinyl	6 mil Clear Polymeric High Grade Vinyl	6 mil Clear Polymeric High Grade Vinyl
<b>Liner</b>			3 mil Siliconized PET Liner	3 mil Siliconized PET Liner	3 mil Siliconized PET Liner
<b>Thickness</b>	Film	TAPPI T-411	3.0 ± 0.3 mil	6.0 ± 0.6 mil	6.0 ± 0.6 mil
	Film w/ Adhesive	TAPPI T-411	4.0 ± 0.4 mil	7.0 ± 0.7 mil	7.0 ± 0.7 mil
	Total Thickness	TAPPI T-411	7.0 ± 0.7 mil	10.0 ± 1.0 mil	10.0 ± 1.0 mil
<b>Adhesion</b>	Glass, 15 min Room Temp Dwell	ASTM D3330	3.0 ± 1 lb/in	3.0 ± 1 lb/in	3.0 ± 1 lb/in
	Glass, 24 hr Room Temp Dwell	ASTM D3330	5.5 ± 1 lb/in	5.5 ± 1 lb/in	5.5 ± 1 lb/in
<b>Weight</b>	Film w/ Adhesive	TAPPI T-410	110-132 gsm	220-222 gsm	220-222 gsm
	Total w/ Liner	TAPPI T-410	205-250 gsm	300-363 gsm	300-363 gsm
<b>Visible Light Transmission</b>			%	56	19
<b>UV Light Rejection</b>			%	53	98
<b>Infrared Light Rejection</b>			%	42	68
<b>Printability</b>			UV, Offset, Screen, Latex, Solvent, Eco-Solvent	UV, Offset, Screen, Latex, Solvent, Eco-Solvent	UV, Offset, Screen, Latex, Solvent, Eco-Solvent

			Bird Safety Film
<b>Physical Properties</b>			
<b>Finish</b>			Gloss with Bird Deterrent Pattern
<b>Color</b>			Clear
<b>Adhesive</b>			Clear, Permanent Acrylic
<b>Film</b>			Clear PET with 1/4" Frosted Dot Pattern
<b>Liner</b>			2 mil PET Liner
<b>Thickness</b>	Film	TAPPI T-411	4.0 ± 0.4 mil
	Film w/ Adhesive	TAPPI T-411	5.0 ± 0.5 mil
	Total Thickness	TAPPI T-411	7.0 ± 0.7 mil
<b>Adhesion</b>	Glass, 15 min Room Temp Dwell	ASTM D3330	3.0 ± 1 lb/in
	Glass, 24 hr Room Temp Dwell	ASTM D3330	5.5 ± 1 lb/in
<b>Weight</b>	Film w/ Adhesive	TAPPI T-410	150-170 gsm
	Total w/ Liner	TAPPI T-410	210-250 gsm
<b>Puncture Test</b>			ASTM D4830 70 lbs

<b>Conditions for Use</b>			
<b>Outdoor Durability</b>	<b>Shelf Life</b>	1 year	
		Bird Safety Film	Up to 5 years*
		Deep Etch	Up to 7 years*
		Dusted Crystal	Up to 7 years*
		Frost	Up to 7 years*
		Light Etch	Up to 7 years*
<b>Min Application Temp</b>	Sand Blast	Up to 7 years*	
	Sand Matte	Up to 7 years*	
	<b>Min Application Temp</b>	40° F (4° C)	
	<b>Service Temp Range</b>	-20° to 150° F (-29° to 66° C)	
<b>Solvent Resistance</b>	Good**		
<b>Water Resistance</b>	Excellent		

\*Vertical applications  
 \*\*Good for most petroleum solvents and lower aliphatic alcohols.  
 For ultimate solvent resistance, edge sealing is recommended.