



# Heat-Activated Laminating Films

Jet Guard® & ThermaShield®

Jet Guard laminating films are a high quality range of low temperature heat-activated films especially designed for finishing ink jet prints. Having no releaser liner, these films are easy to use with minimal waste.



ThermaShield is a cost-effective range of heat-activated laminating films that is designed to protect, enhance and add rigidity to images for a variety of applications.

## Jet Guard® UV

Jet Guard UV is designed to provide UV protection, high-impact color enhancement, sharp image contrast and the durability needed to withstand the demands of your display's environment. This product is activated at a temperature of 185 - 205° F and is available in gloss, luster and matte finishes.

## Jet Guard® Deep Crystal®

This unique over-laminating film features a uniform crystal texture that is durable and scratch resistant. The patented film construction creates a finish that reduces glare from reflected light. Used in conjunction with SEAL Stoplight™, Jet Guard Deep Crystal provides an ideal non-reflective and scratch resistant finishing solution that hides finger prints and other blemishes that may occur due to heavy use and handling. Activated at a temperature of 185 - 205° F, it is the ideal film for the finishing of matte inkjet media.

## Jet Guard® Crystal® Matte

With the same unique film construction as Jet Guard Deep Crystal, this product offers a brilliant matte finish that reduces glare for easy viewing, while optimizing image colors and contrast. Due to its multi-layer construction, Crystal Matte will not mute colors like typical matte films. When used in conjunction with SEAL Stoplight 115, it provides an ideal finishing solution for roll-up display systems. Activated at a temperature of 185 - 205° F, this film is perfect for finishing matte inkjet media.

## ThermaShield®

The ThermaShield line - Gloss, Luster and Matte - provides the best in terms of value and performance. Select ThermaShield Gloss for dramatic enhancement, Luster for a softer effect, and Matte to reduce glare and reflection on your image. ThermaShield is available in a wide variety of roll widths, as well as an array of film thicknesses, including 1.7, 3, 5 or 10 mils. Check the product's technical specifications for recommended activation temperatures.



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## Technical Specifications

	Film Type	Adhesive	Thickness	Film/Adhesive Ratio	Activation Temperature	UV Absorbers
Jet Guard UV Gloss	Polyester	Extruded Copolymer	3.0, 5.0, 10.0 mil	1.0 / 2.0, 3.0 / 2.0, 7.0 / 3.0	185 - 205°F (85 - 96°C)	YES
Jet Guard UV Luster	Polyester	Extruded Copolymer	3.0 mil	1.0 / 2.0	185 - 205°F (85 - 96°C)	YES
Jet Guard UV Matte	Polyester	Extruded Copolymer	3.0 mil	1.0 / 2.0	185 - 205°F (85 - 96°C)	YES
Jet Guard Deep Crystal	Polyester	Extruded Copolymer	6.0 mil	3.4 / 2.6	185 - 205°F (85 - 96°C)	NO
Jet Guard Crystal Matte	Polyester	Extruded Copolymer	6.0 mil	3.4 / 2.6	185 - 205°F (85 - 96°C)	NO
ThermaShield Gloss	Polyester	Extruded Copolymer	1.7, 3.0, 5.0, 10.0 mil	0.5 / 1.2, 1.0 / 2.0, 2.0 / 3.0, 4.0 / 6.0	185 - 235°F (85 - 112°C)*	NO
ThermaShield Luster	Polyester	Extruded Copolymer	3.0 mil	0.5 / 2.5	210 - 220°F (99 - 104°C)	NO
ThermaShield Matte	Polyester	Extruded Copolymer	3.0 mil	0.5 / 2.5	210 - 220°F (99 - 104°C)	NO

\* Depending on thickness

## Roll Sizes & Item Numbers

	Item Numbers	Roll Size		Item Numbers	Roll Size		Item Numbers	Roll Size
Jet Guard UV Gloss 3mil	62102	25" x 250' (635mm x 76m)	Jet Guard UV Luster 3mil	62133	38" x 250' (965mm x 76m)	ThermaShield Gloss 1.7mil	62402	38" x 500' (965mm x 152m)
	62103	38" x 250' (965mm x 76m)		62134	43" x 250' (1.09m x 76m)		62403	51" x 500' (1.29m x 152m)
	62104	43" x 250' (1.09m x 76m)		62135	51" x 250' (1.29m x 76m)		62404	38" x 25' (965mm x 7.6m)
	62105	51" x 250' (1.29m x 76m)		62131	38" x 25' (965mm x 7.6m)	ThermaShield Gloss 3mil	62406	38" x 500' (965mm x 152m)
	62106	55" x 250' (1.40m x 76m)	Jet Guard UV Matte 3mil	62142	25" x 250' (635mm x 76m)		62410	43" x 500' (1.09m x 152m)
	62107	61" x 250' (1.55m x 76m)		62143	38" x 250' (965mm x 76m)		62407	51" x 500' (1.29m x 152m)
	62101	38" x 25' (965mm x 7.6m)		62145	51" x 250' (1.29m x 76m)		62409	38" x 25' (965mm x 7.6m)
Jet Guard UV Gloss 5mil	62112	25" x 250' (635mm x 76m)		62141	38" x 25' (965mm x 7.6m)	ThermaShield Gloss 5mil	62411	38" x 250' (965mm x 76m)
	62113	38" x 250' (965mm x 76m)	Jet Guard Deep Crystal	4110	38" x 150' (965mm x 46m)		62415	43" x 250' (1.09m x 76m)
	62114	43" x 250' (1.09m x 76m)		4111	51" x 150' (1.29m x 46m)		62412	51" x 250' (1.29m x 76m)
	62115	51" x 250' (1.29m x 76m)		4112	55" x 150' (1.40m x 46m)		62414	38" x 25' (965mm x 7.6m)
	62116	55" x 250' (1.40m x 76m)		4113	61" x 164' (1.55m x 50m)	ThermaShield Gloss 10mil	62416	38" x 250' (965mm x 76m)
	62117	61" x 250' (1.55m x 76m)		60275	38" x 25' (965mm x 7.6m)		62417	51" x 250' (1.29m x 76m)
	62111	38" x 25' (965mm x 7.6m)	Jet Guard Crystal Matte	4115	38" x 150' (965mm x 46m)		62419	38" x 25' (965mm x 7.6m)
Jet Guard UV Gloss 10mil	62122	25" x 250' (635mm x 76m)		4116	51" x 150' (1.29m x 46m)	ThermaShield Luster 3mil	62421	38" x 500' (965mm x 152m)
	62123	38" x 250' (965mm x 76m)		4117	55" x 150' (1.40m x 46m)		62422	51" x 500' (1.29m x 152m)
	62125	51" x 250' (1.29m x 76m)		4118	61" x 164' (1.55m x 50m)		62423	61" x 500' (1.55m x 152m)
	62126	55" x 250' (1.40m x 76m)		60283	38" x 25' (965mm x 7.6m)		62424	38" x 25' (965mm x 7.6m)
	62121	38" x 25' (965mm x 7.6m)				ThermaShield Matte 3mil	62426	38" x 500' (965mm x 152m)
							62430	43" x 500' (1.09m x 152m)
							62427	51" x 500' (1.29m x 152m)
							62429	38" x 25' (965mm x 7.6m)

Neschen Americas recommends HP Designjet Printing Systems

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