

Heat-Activated Laminating Films

Jet Guard® , ThermaShield®

Laminating Films

Jet Guard®

A premium family of low temperature heat-activated over-laminating films available in standard finishes with UV protection or unique textured finishes for specialty applications. Jet Guard contains the optimal 'film to adhesive ratio' for exceptional adhesive flow to eliminate 'silvering' while the polyester content ensures maximum image protection and rigidity.

Jet Guard® UV is designed to provide UV protection, high-impact color enhancement, sharp contrast and the durability needed to withstand the demands of your displays environment. Available in gloss, luster and matte finishes.

Jet Guard® Deep Crystal® is a unique over-laminating film featuring a durable, scratch-resistant, crystal-textured satin finish. Because of its texture, "Deep Crystal" hides finger prints and scratches, making it a great choice for displays that need a lot of handling. Deep Crystal has become one of the most popular SEAL over-laminates worldwide.



Jet Guard® Crystal® Matte offers a brilliant clear matte finish that reduces glare for easy viewing while optimizing image colors and contrast. Because of its unique multi-layer construction, "Crystal Matte" will not mute bright colors like typical matte films.

Application Tip

SEAL over-laminate films consist of many different types of film, such as polyester (low cost- rigid,) vinyl (medium cost-flexible) and polycarbonate (higher cost and very durable). They are also offered in an endless array of finishes and different textures.

Selection should be based on visual esthetics and lighting conditions to ensure a balance of "optimal viewing" of the displayed image. Additionally, because each film has different performance characteristics it is essential to understand the application requirements or demands when selecting a film type.

ThermaShield®

This cost-effective range is designed to protect, enhance, and add rigidity to images for a variety of applications.

ThermaShield® – Gloss, Luster and Matte – provides the best in terms of value and performance. Select 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 array of roll widths and film thickness from 1.7, 3, 5 or 10 mils.



For more information on SEAL over-laminating films, please refer to the SEAL Material Guide or contact your authorized SEAL representative.

Over-laminate

Print

Heat-Activated Laminating Films

Jet Guard®, ThermaShield®



www.bciimage.com
866 971-1008

Product Range

Product	Catalog Number	Size	Product	Catalog Number	Size
Jet Guard® UV Gloss 3mil	62102	25" x 250' (635mm x 76m)	Jet Guard® Deep Crystal	624110	38" x 150' (965mm x 46m)
Jet Guard® UV Gloss 3mil	62103	38" x 250' (965mm x 76m)	Jet Guard® Deep Crystal	624111	51" x 150' (1.29m x 46m)
Jet Guard® UV Gloss 3mil	62104	43" x 250' (1.09 x 76m)	Jet Guard® Deep Crystal	624112	55" x 150' (1.40m x 46m)
Jet Guard® UV Gloss 3mil	62105	51" x 250' (1.29 x 76m)	Jet Guard® Deep Crystal	624113	61" x 164' (1.55mm x 50m)
Jet Guard® UV Gloss 3mil	62106	55" x 250' (1.40 x 76m)	Jet Guard® Crystal Matte	624115	38" x 150' (965mm x 46m)
Jet Guard® UV Gloss 3mil	62107	61" x 250' (1.55 x 76m)	Jet Guard® Crystal Matte	624116	51" x 150' (1.29m x 46m)
Jet Guard® UV Gloss 3mil	62101	38" x 25' (965mm x 7.6m)	Jet Guard® Crystal Matte	624117	55" x 150' (1.40mm x 46m)
			Jet Guard® Crystal Matte	624118	61" x 164' (1.55mm x 50m)
Jet Guard® UV Gloss 5mil	62112	25" x 250' (635mm x 76m)	ThermaShield® Gloss 1.7mil	62402	38" x 500' (965mm x 152m)
Jet Guard® UV Gloss 5mil	62113	38" x 250' (965mm x 76m)	ThermaShield® Gloss 1.7mil	62403	51" x 500' (1.29 x 152m)
Jet Guard® UV Gloss 5mil	62114	43" x 250' (1.09 x 76m)	ThermaShield® Gloss 1.7mil	62404	38" x 25' (965mm x 7.6m)
Jet Guard® UV Gloss 5mil	62115	51" x 250' (1.29 x 76m)	ThermaShield® Gloss 3mil	62406	38" x 500' (965mm x 152m)
Jet Guard® UV Gloss 5mil	62116	55" x 250' (1.40 x 76m)	ThermaShield® Gloss 3mil	62410	43" x 500' (1.09 x 152m)
Jet Guard® UV Gloss 5mil	62117	61" x 250' (1.55 x 76m)	ThermaShield® Gloss 3mil	62407	51" x 500' (1.29 x 152m)
Jet Guard® UV Gloss 5mil	62111	38" x 25' (965mm x 7.6m)	ThermaShield® Gloss 3mil	62408	61" x 500' (1.55 x 152m)
			ThermaShield® Gloss 3mil	62409	38" x 25' (965mm x 7.6m)
Jet Guard® UV Gloss 10mil	62122	25" x 250' (635mm x 76m)	ThermaShield® Gloss 5mil	62411	38" x 250' (965mm x 76m)
Jet Guard® UV Gloss 10mil	62123	38" x 250' (965mm x 76m)	ThermaShield® Gloss 5mil	62415	43" x 250' (1.09 x 76m)
Jet Guard® UV Gloss 10mil	62124	43" x 250' (1.09 x 76m)	ThermaShield® Gloss 5mil	62412	51" x 250' (1.29 x 76m)
Jet Guard® UV Gloss 10mil	62125	51" x 250' (1.29 x 76m)	ThermaShield® Gloss 5mil	62413	61" x 250' (1.55 x 76m)
Jet Guard® UV Gloss 10mil	62126	55" x 250' (1.40 x 76m)	ThermaShield® Gloss 5mil	62414	38" x 25' (965mm x 7.6m)
Jet Guard® UV Gloss 10mil	62127	61" x 250' (1.55 x 76m)			
Jet Guard® UV Gloss 10mil	62121	38" x 25' (965mm x 7.6m)	ThermaShield® Gloss 10mil	62416	38" x 250' (965mm x 76m)
			ThermaShield® Gloss 10mil	62420	43" x 250' (1.09 x 76m)
Jet Guard® UV Luster 3mil	62132	25" x 250' (635mm x 76m)	ThermaShield® Gloss 10mil	62417	51" x 250' (1.29 x 76m)
Jet Guard® UV Luster 3mil	62133	38" x 250' (965mm x 76m)	ThermaShield® Gloss 10mil	62418	61" x 250' (1.55 x 76m)
Jet Guard® UV Luster 3mil	62134	43" x 250' (1.09 x 76m)	ThermaShield® Gloss 10mil	62419	38" x 25' (965mm x 7.6m)
Jet Guard® UV Luster 3mil	62135	51" x 250' (1.29 x 76m)	ThermaShield® Luster 3mil	62421	38" x 500' (965mm x 152m)
Jet Guard® UV Luster 3mil	62136	55" x 250' (1.40 x 76m)	ThermaShield® Luster 3mil	62425	43" x 500' (1.09 x 152m)
Jet Guard® UV Luster 3mil	62137	61" x 250' (1.55 x 76m)	ThermaShield® Luster 3mil	62422	51" x 500' (1.29 x 152m)
Jet Guard® UV Luster 3mil	62131	38" x 25' (965mm x 7.6m)	ThermaShield® Luster 3mil	62423	61" x 500' (1.55 x 152m)
			ThermaShield® Luster 3mil	62424	38" x 25' (965mm x 7.6m)
Jet Guard® UV Matte 3mil	62142	25" x 250' (635mm x 76m)	ThermaShield® Matte 3mil	62426	38" x 500' (965mm x 152m)
Jet Guard® UV Matte 3mil	62143	38" x 250' (965mm x 76m)	ThermaShield® Matte 3mil	62430	43" x 500' (1.09 x 152m)
Jet Guard® UV Matte 3mil	62144	43" x 250' (1.09 x 76m)	ThermaShield® Matte 3mil	62427	51" x 500' (1.29 x 152m)
Jet Guard® UV Matte 3mil	62145	51" x 250' (1.29 x 76m)	ThermaShield® Matte 3mil	62428	61" x 500' (1.55 x 152m)
Jet Guard® UV Matte 3mil	62146	55" x 250' (1.40 x 76m)	ThermaShield® Matte 3mil	62429	38" x 25' (965mm x 7.6m)
Jet Guard® UV Matte 3mil	62147	61" x 250' (1.55 x 76m)			
Jet Guard® UV Matte 3mil	62141	38" x 25' (965mm x 7.6m)			

Technical Specifications

	Jet Guard® UV Gloss	Jet Guard® UV Luster	Jet Guard® UV Matte	Jet Guard® Deep Crystal®	Jet Guard® Crystal® Matte	ThermaShield® Gloss	ThermaShield® Luster	ThermaShield® Matte
Film Type	Polyester	Polyester	Polyester	Polyester Base	Polyester Base	Polyester	Polyester	Polyester
Adhesive Type	Extruded Copolymer ¹	Extruded Copolymer ¹	Extruded Copolymer ¹	Extruded Copolymer ¹	Extruded Copolymer ¹	Extruded Copolymer ¹	Extruded Copolymer ¹	Extruded Copolymer ¹
Thickness	3.0 mil 5.0 mil 10.0 mil	3.0 mil	3.0 mil	6.0 mil	6.0 mil	1.7 mil 3.0 mil 5.0 mil 10.0 mil	3.0 mil	3.0 mil
Film/Adhesive Ratio	1.0 / 2.0 3.0 / 2.0 7.0 / 3.0	1.0 / 2.0	1.0 / 2.0	3.4 / 2.6	3.4 / 2.6	0.5 / 1.2 1.0 / 2.0 2.0 / 3.0 4.0 / 6.0	0.5 / 2.5	0.5 / 2.5
Activation Temperature	185-205°F (85-96°C)	185-205°F (85-96°C)	185-205°F (85-96°C)	185-205°F (85-96°C)	185-205°F (85-96°C)	220-235°F (104-112°C)	220-235°F (104-112°C)	220-235°F (104-112°C)
UV Absorbers	YES	YES	YES	NO	NO	NO	NO	NO

¹ Extruded Copolymer adhesive formulations

Contact your local distributor:


Seal Brands...the finishing touch
www.sealbrands.com

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