

	Acceptable Fabrics	Cotton	Polyester	Blends	Spandex	Linen	Nylon	Wool	Leather	Temperature	Press Time
L*	ThermoFlex®PLUS▲	Yes	Yes	Yes	Test	Yes	No	Yes	No	320°-330°F	15 sec.
L	FROSTY CLEAR▲	Yes	Yes	Yes	Test	Test	No	Test	No	320°-330°F	15 sec.
	ThermoFlex®STRETCH▲	Yes	Yes	Yes	Yes	Yes	No	Yes	No	320°-330°F	15 sec.
L*	ThermoFlex®XTRA▲	Yes	Test	Yes	Test	Test	Yes	Test	Yes	300°-305°F	3-5 sec.
L*	ThermoFlex®TURBO▲	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Test	270°F Nylon: 300°F	5 sec.
L*	ThermoFlex®TURBOBrights▲	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Test	270°F Nylon: 300°F	5 sec.
	PearlFlex™▲	Yes	Yes	Yes	Yes	Test	No	Test	No	300°F	8-10 sec.
	ThermoSPORT™▲	Yes	Yes	Yes	Yes	Test	Test	Test	No	300°-320°F	8-10 sec.
L	SUBLIBLOCK™TURBO▲	Yes	Yes	Yes	Yes	Test	No	Test	No	270°F	5 sec.
	ThermoBANNER™2▲	Test	Yes	Yes	No	Test	No	Test	Yes	212°-285°F	10-15 sec.
L	DIMENSION™▲	Yes	Yes	Yes	Test	Test	No	Test	No	320°F	25 sec.
	FASHIONFlex®PUFF▲	Yes	Yes	Yes	Test	Yes	No	Test	No	255°-275°F Metallic: 275°F	12-14 sec. Metallic: 10 sec.
	FASHIONFlex®Light-Sensitive▲	Yes	Yes	Yes	Test	Test	No	Test	Test	300°F	8-12 sec.
L	Chalkboard▲	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Test	270°F Nylon: 300°F	5 sec.
	DecoFLOCK®Premium Plus▲	Yes	Yes	Yes	Yes	Yes	No	Test	Test	320°F	15 sec.
	GlitterFlex®ULTRA▲	Yes	Yes	Yes	Test	Yes	No	Yes	No	320°-330°F	12-15 sec.
	GlitterFlex®Printable▲	Yes	Yes	Yes	Test	Yes	No	Yes	No	330°-335°F	15 sec.
	ThermoFlex®Fashion Patterns▲	Yes	Yes	Yes	Yes	Yes	No	Test	No	305°F	8-10 sec.
	TEXTURED CARBON FIBER▲	Yes	Yes	Yes	Test	Yes	No	Yes	No	325°F	15 sec.
L*	FASHIONFlex®▲	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Leather: 325°-340°F Carbon: 315°-330°F	Leather: 10-15 sec. Carbon: 17-20 sec.
L	DecoFILM®GLOSS▲	Yes	Yes	Yes	Yes	Yes	No	Test	No	284°F	8 sec.
	DecoFILM®Supers▲	Yes	Yes	Yes	Yes	Yes	No	Yes	No	310°-315°F	10-15 sec.
	DecoFILM®Brilliant▲	Yes	Yes	Yes	No	Yes	No	Yes	No	310°-330°F	10-15 sec.
	DecoFILM®Brilliant Chameleon▲	Yes	Yes	Yes	No	Yes	No	Yes	No	300°-320°F	10-15 sec.
	DecoFILM®Glitter Chameleon▲	Yes	Yes	Yes	No	Yes	No	Yes	No	300°-320°F	10-15 sec.
	DecoFILM®Soft Metallics▲	Yes	Yes	Yes	No	Yes	No	Yes	No	302°-320°F	7-8 sec.
L	DecoFILM®Paint FX▲	Yes	Yes	Yes	Yes	Yes	No	Yes	No	310°-330°F	17-20 sec.
	DecoSPARKLE®▲	Yes	Yes	Yes	No	Yes	No	Test	No	300°F	10-12 sec.
	Textile Foils▲	Yes	Yes	Yes	Yes	Test	No	Test	No	300°F	SMCCH-100: 5 sec. Foil: 10 sec.
	LUMINOUSFlex®▲	Yes	Yes	Yes	Test	Test	No	Test	No	LF-4790: 320°F Others: 300°F	LF: 12-15 sec. Others: 8 sec.
	REFLECTION PROTECTION▲	Yes	Yes	Yes	Yes	Yes	9501: Yes 9505: No	Yes	No	RF-9501: 320°F RF-9505: 250°-275°F	3-5 sec.
	REFLECTION DECORATION▲	Yes	Yes	Yes	Yes	Yes	No	Yes	No	300°F	8 sec.



"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend fabrics. Check for compatibility and pre-treatment suggestions with each product's instructions. The user assumes all risk and liability whatsoever in connection with the use of this product. Specialty Materials cannot guarantee performance for conditions not under the manufacturer's control and is not responsible for issues due to third-party material qualities. The Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective by the manufacturer.

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L = Layerable *Certain colors cannot be layered - please click product name to access full details.

✓ Proven application success T Test prior to full run OK May be suitable, please test X Will NOT apply to fabric	ACCEPTABLE FABRICS	COTTON	POLYESTER	BLENDS	SPANDEX	LYCRA	LINEN	NYLON	NYLON MESH	LEATHER	BASE LAYERABLE?	STICKY CARRIER?	TEMP (F)	PRESS-TIME/ RE-PRESS	PRESSURE	PEEL TEMP	CUT DIRECTION	WASH
ThermoFlex PLUS	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	YES (see exclusions)	YES	320°F - 330°F	15 sec/ 2 sec	Medium	Warm (columbia blue & neons - Cold)	Reverse	Wash warm Tumble dry normal
FROSTY CLEAR™	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	YES	NO	320°F - 330°F	15 sec/ 5 sec	Medium	Cold	Reverse	Wash warm Tumble dry normal
ThermoFlex STRETCH	Most Fabrics	✓	T	✓	✓	T	✓	X	X	X	NO	YES	320°F - 330°F	15 sec	Medium	Warm	Reverse	Wash warm Tumble dry normal
ThermoFlex LIGHT	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	NO	NO	315°F - 320°F	15 sec	Medium	Warm NOT hot	Reverse	Wash warm Tumble dry normal
ThermoFlex Xtra	Nylon and other heat-sensitive fabrics	✓	T	✓	T	T	✓	✓	✓	✓	YES (see exclusions)	YES	300°F - 305°F	See product page for specific instructions	Medium	Cold	Reverse	Turn inside out, cold water, tumble low
ThermoFlex TURBO/Brights	Polyester, Cotton, Poly/Cotton, Nylon	✓	✓	✓	✓	T	✓	✓	✓	T	YES (see exclusions)	YES	SEE PRODUCT PAGE FOR SPECIFIC INSTRUCTIONS ON DIFFERENT FABRICS				Wash inside-out, warm water, normal cycle, tumble dry normal. Suitable for dry-cleaning.	
PearlFlex™	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	NO	YES	300°F	8-10 sec	Medium	Cold	Reverse	Wash inside-out, cold water, gentle cycle, tumble dry low.
ThermoSPORT	Most Fabrics	✓	T	✓	T	T	✓	T	T	X	NO	YES	300°F - 320°F	8-10 sec	Medium	Warm or cold	Reverse	Wash cold Air fluff or line dry
ThermoBANNER™2	Heat-sensitive, Coated Canvas, Vinyl, Plastic	T	T	T	X	X	T	X	X	✓	NO	YES	212°F - 285°F	10-15 sec	Light	Cold	Reverse	Good outdoor durability
SUBLIBLOCK®	poly/poly-blends	✓	T	✓	T	T	OK	X	X	X	YES	YES	320°F - 330°F	10-15 sec	Firm	Warm	Reverse	Wash warm Tumble dry normal
SUBLIBLOCK® TURBO	poly/poly-blends	✓	T	✓	T	T	OK	X	X	X	YES	YES	270°F	5 sec	Medium	Warm	Reverse	Turn inside-out, Wash warm Tumble dry normal
EconomyFlex™	Most Fabrics	✓	T	✓	T	T	T	X	X	X	NO	NO	330°F	10-15 sec	Medium	Warm or cold	Reverse	Wash cold Line dry
DIMENSION™	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	YES	NO	320°F	25 sec	Medium	Cold	Reverse	Wash inside-out, warm water, hang to dry. Not suitable for dry-cleaning or tumble drying.
DIMENSION™2	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	YES	YES	300°F	5 sec/ 20 sec	Medium	Warm	Reverse	Wash inside-out, warm water, hang to dry. Not suitable for dry-cleaning or tumble drying.
FashionFlex PUFF	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	NO	YES	SEE PRODUCT PAGE FOR VARIOUS INSTRUCTIONS FOR THIS PRODUCT				Wash inside-out, cold water, gentle cycle, tumble dry low.	
FashionFlex Light-Sensitive & Heat-Sensitive	Most Fabrics	✓	T	✓	T	T	T	X	T	T	NO	YES	300°F	12 sec	Medium	Warm	Reverse	Turn inside-out, cool water, tumble dry
Chalkboard	Polyester, Cotton, Poly/Cotton, Nylon	✓	✓	✓	✓	T	✓	✓	✓	T	YES	YES	SEE PRODUCT PAGE FOR SPECIFIC INSTRUCTIONS ON DIFFERENT FABRICS				Wash inside-out, warm water, normal cycle, tumble dry normal. Suitable for dry-cleaning.	
DecoFLOCK™ Economy & Premium	Most Fabrics	✓	T	✓	T	T	T	X	T	T	NO	YES	320°F - 340°F	10-15 sec	Medium to firm	Cold	Reverse	Wash and dry at medium temps
DecoFLOCK™ Premium Plus	Most Fabrics	✓	T	✓	T	T	T	X	T	T	NO	YES	320°F	15 sec	Low to Medium	Warm	Reverse	Wash and dry at medium temps
Embroidery Glitter™	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	NO	Not Applicable	320°F - 330°F	SEE PRODUCT PAGE FOR SPECIFIC INSTRUCTIONS ON DIFFERENT FABRICS				Wash inside-out, warm water , gentle cycle, tumble dry low heat.
GlitterFlex™ II	Most Fabrics	✓	T	✓	✓	T	✓	X	X	X	NO	NO	330°F - 335°F	3 sec/ 10 sec	Firm	Warm	Reverse	Wash inside-out, cold water , gentle cycle, tumble dry low heat.
GlitterFlex™ Light & Premium	Most Fabrics	✓	T	✓	✓	T	✓	X	X	X	NO	YES	320°F - 330°F	12-15 sec/ 2 sec	Medium to firm	Warm	Reverse	Wash warm. Tumble dry normal. Suitable for dry-cleaning.
GlitterFlex™ ULTRA & PERF	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	NO	YES	320°F - 330°F	12-15 sec/ 2 sec	Medium to firm	Warm	Reverse	Wash warm Tumble dry normal
Wild Fashion Prints™	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	YES (see exclusions)	YES	325°F - 340°F	12-15 sec	Firm	Cold	Reverse	Turn inside out, cold water, tumble low
ThermoFlex Fashion Patterns	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	NO	YES	305°F	8-10 sec	Medium	Hot or Warm	Reverse	Turn inside out, gentle cycle, cold water, tumble low
FashionFlex™	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	YES (see exclusions)	YES	315°F - 330°F	17-20 sec	Firm	Warm	Reverse	Turn inside out, cold water, tumble low
DecoFILM™ GLOSS	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	YES	YES	284°F	8 sec	Medium	Warm	Reverse	Turn inside out, gentle cycle, cold water, tumble low
DecoFILM™	Most Fabrics	✓	T	✓	Super Colors ONLY		✓	X	X	X	NO	YES	310°F - 330°F	10-15 sec/ 2 sec	Firm	Cold	Reverse	Hand wash ONLY, tumble low
DecoFILM™ Brilliant Chameleon & Glitter Chameleon	Most Fabrics	✓	T	✓	X	X	✓	X	X	X	NO	YES	300°F - 320°F	10-15 sec	Medium	Warm	Reverse	Turn inside out, gentle cycle, warm/cool water, line or air dry
Embossed DecoFILM™	Most Fabrics	✓	T	✓	X	X	✓	X	X	X	NO	YES	310°F - 330°F	10-15 sec/ 5 sec	EXTRA Firm	Cold	Reverse	Turn inside out, gentle cycle, cold water, tumble low
DecoFILM™ Soft Metallics	Most Fabrics	✓	T	✓	X	X	✓	X	X	X	NO	YES	302°F - 320°F	7-8 sec/ 3-5 sec	Firm	Cold	Reverse	Turn inside out, gentle cycle, cold water, tumble low
DecoFILM™ Paint FX	Most Fabrics	✓	T	✓	X	X	✓	X	X	X	YES	YES	310°F - 330°F	17-20 sec	Firm	Warm	Reverse	Turn inside out, cold water, tumble low
DecoSPARKLE™	Most Fabrics	✓	T	✓	X	X	✓	X	X	X	NO	YES	300°F	10-12 sec	Medium to firm	Cold	Reverse	Turn inside out, cold water, tumble low
DesignFILM™	Most Fabrics	✓	T	✓	X	X	✓	X	X	X	NO	YES	290°F	Cover with Teflon - 12 sec	Firm	Cold	Reverse	Wash cold. No Bleach. Hang to dry.
LUMINOUS Flex™	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	NO	LF-4790 - NO Others: YES	4790: 320°F Others: 300°F	Neon/White: 8 sec 4790: 15 sec 4791: 12 sec	Medium	Warm	Reverse	Wait 24hrs. before 1st wash. Wash inside-out, warm water. Tumble dry low. No bleach.
Crazy Crystal Colors™	Most Fabrics	✓	T	✓	X	X	✓	X	X	X	NO	YES	340°F - 350°F	15-20 sec	Firm	Cold	Reverse	Turn inside out, cold water, tumble low
REFLECTION PROTECTION™	9501: Nylon, etc. 9505: Most Fabrics	✓	T	✓	T	T	T	9501: YES 9505: NO	T	X	NO	NO	320°F	3-5 sec/ 10-15 sec	Firm	Warm	Reverse	Wash warm, gentle cycle, tumble dry low
REFLECTION DECORATION™	Most Fabrics	✓	T	✓	T	T	✓	X	X	X	NO	YES (Excluding RMSK Series)	SEE PRODUCT PAGE FOR SPECIFIC INSTRUCTIONS FOR THE RMSK, 200, AND 300 SERIES					

Test on dazzle cloth and other moisture-wicking polyesters. Moisture-wicking materials have better adhesion when washed and dried using no fabric softener or blotted with rubbing alcohol before pressing. Be advised that dye-migration has occurred with low-energy dyes in polyester and poly-blend fabrics. All technical information and recommendations are based on tests we believe to be reliable. Before using, please determine the suitability of product for its intended use.

We advise that you TEST products for suitability before doing large runs!