



Specialty  
Materials™  
A POLI-TAPE Company

# Product Reference Guide 2023










THE **BEST** GARMENT  
DECORATION PRODUCTS

[SpecialtyMaterials.com](https://SpecialtyMaterials.com)



ePRG

# How to Get Started

- Instructions:** Becoming acquainted with the instructions for each product is necessary to ensure optimal results. **It is important to prepare the surface and/or garment before application.**
-  **Prep** Using your preferred software and equipment, cut the elements of your design following each product's individual cut specifications (blade angle and image flipping).
-  **Size** To avoid wasting material, measure the surface area being decorated to determine the size of your design. Always measure twice and cut once!
-  **Flip** Most HTV products come on a carrier with the heat-sensitive portion exposed, the surface to be cut. Unless otherwise noted on a product's instructions (Cut this material in "right-reading") flip, or "mirror," the design horizontally in your preferred cutting software.
-  **Cut** Once measurements for surface area and design have been acquired, cut the material according to the individual product instructions. Protect your workspace by using a cutting mat, however it is possible to cut vinyl directly from the roll without a mat using a Silhouette.
-  **Weed** With the design cut, peel away the excess material from the carrier. This process is called "weeding." Remove any material not meant to be incorporated in the design. Don't forget small details within the design!
-  **Pre-Press** **Some textile fabrics are coated or sprayed with a finishing agent that could affect the adhesion of heat transfer vinyl to the material's surface. A simple water drop test can help determine whether a surface needs pre-treatment.**
- Using a standard dropper filled with cold water, squeeze a single drop onto a flattened surface of the material. If the drop remains intact and is not absorbed by the fabric, a finishing agent is most likely present.
- Spray the garment with isopropyl alcohol or gently rub the pressing area with a cloth dampened with alcohol. Prepress the area to remove excess moisture before pressing your design according to product instructions.
-  **Align** Align design to desired garment.
-  **Press** Press material according to instructions provided (Low, Medium or Firm).
-  **Peel** Peel according to temperature instructions (Hot Peel, Warm Peel or Cold Peel).

ThermoFlex® PLUS .....	1
FROSTY CLEAR™ .....	6
ThermoFlex® STRETCH .....	7
ThermoFlex® XTRA.....	9
ThermoFlex® TURBO .....	11
ThermoFlex® TURBO Brights ....	13
PearlFlex™ .....	15
ThermoSPORT™ .....	17
SUBLIBLOCK® TURBO.....	19
ThermoBANNER™ 2 .....	21
DIMENSION™ .....	23
FASHIONFlex® PUFF .....	24
FASHIONFlex® Light-Sensitive..	26
Chalkboard.....	28

# Contents

## Printed vs. Actual Color Swatches

It is important to remember that computer-generated colors **interpret** the actual colors and should be used only for reference purposes. Today's technology cannot generate identical matches to the colors of actual materials. For color-critical projects, always have an actual swatch of the material for precision color matching.

FASHIONFlex® PUFF

ThermoFlex® TURBO



Specialty Materials

TEXTURED CARBON FIBER

LIFE SWEET

DecoFLOCK® Premium Plus.....	29
GlitterFlex® ULTRA .....	31
How to Embroider GlitterFlex® ULTRA....	33
How to Sublimate Heat Transfer Vinyl..	35
GlitterFlex® Printable .....	38
ThermoFlex® Fashion Patterns .....	40
<b>TEXTURED CARBON FIBER .....</b>	<b>42</b>
FASHIONFlex® .....	44
DecoFILM® GLOSS.....	45
DecoFILM® Brilliants.....	48
DecoFILM® Supers.....	49
DecoFILM® Glitter Chameleon.....	50
DecoFILM® Brilliant Chameleon.....	51

**Did You Know?**  
We also have a wide range of desktop and large format printable materials available. For more information, please request the printable brochure.



DecoFILM®Soft Metallics.....	53
DecoFILM®Paint FX.....	56
DecoSPARKLE® .....	58
Textile Foils™ .....	60
LUMINOUS Flex™ .....	62
REFLECTION PROTECTION™ .....	63
REFLECTION DECORATION™ .....	64
RHINESTONE FLOCK .....	66
Let's Link Up! .....	67
Digital Decoration Accessories® .....	68
Helpful Tech Tips .....	69
How to Plotter-Cut Vinyl .....	70
Maintaining Your Plotter.....	71

# Contents



## PRG & You

Our goal with the Product Reference Guide is to help you better understand how to select the appropriate materials, choose the right colors, know the correct application instructions, and complete your design project with spectacular results.

## ePRG | The Next Generation Product Reference Guide

We have taken all the features and benefits of the traditional printed Product Reference Guide and incorporated them into our exciting and convenient ePRG (electronic Product Reference Guide). Finally, the days of looking for that misplaced printed version or finding a place to store it are over.

Download your copy today from our website.





# ThermoFlex® PLUS



## FABRICS

Cotton, Uncoated Polyester, Cotton/Polyester Blends, Polyester/Acrylic Blends, Linen, Wool - **Excluding Nylon**

## SIZING

Available Widths (in.): 12", 15", 20", and 30"  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 150'\* rolls (\*not available in some colors)  
Sheets: 12" x 15" Packs: 10 (one color)

## THICKNESS

Matte, Metallic, and Glossy:  
4 mils/100 microns  
Metal Flake: 5 mils/125 microns

Widest color selection in the industry. Beautiful screen-print like finish and soft touch. Most colors can be layered for an even more colorful visual experience. Pressure-sensitive carrier makes for an easy weeding experience. When applied correctly, **PLUS** will outlast the life of the garment.



### SPECIAL PRECAUTIONS

\*Columbia Blue, Old Gold, and Antique Silver cannot be layered beneath anything.



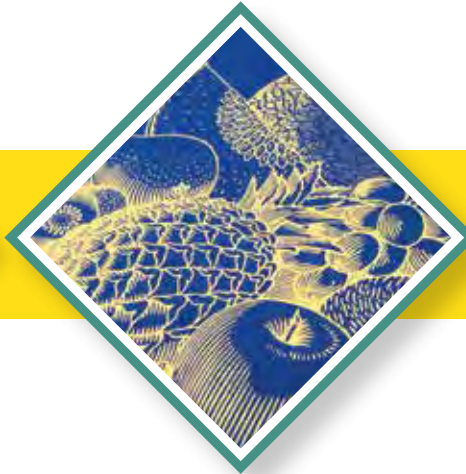
### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

When layering ThermoFlex®**PLUS**, the first layer can be pressed for just 5 seconds, then set the second layer for the instructed amount of time.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

320°F-330°F



### PRESSING | TIMING

Medium pressure | 15 seconds



### PEELING

Peel warm (Except Neon and Columbia Blue - peel cold), cover with a PTFE sheet and re-press for 2 seconds.



### WASHING

Wash warm and tumble dry normal. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



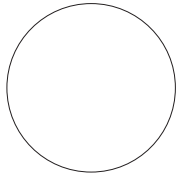
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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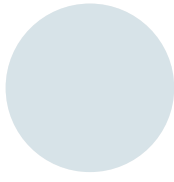
Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



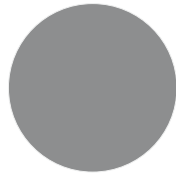
# ThermoFlex® PLUS



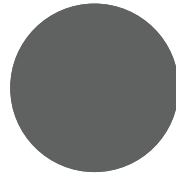
**White**  
PLS-9100



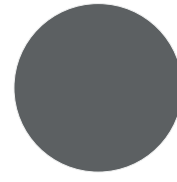
**Ice Grey**  
PLS-9120



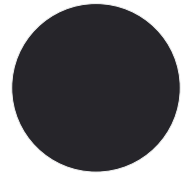
**Medium Grey**  
PLS-9140



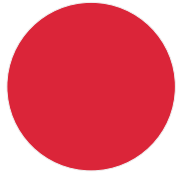
**Storm Grey**  
PLS-9150



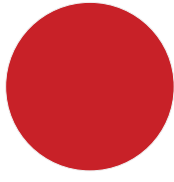
**Dark Grey**  
PLS-9152



**Black**  
PLS-9236



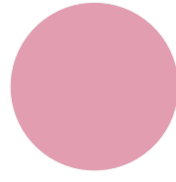
**Red**  
PLS-9301



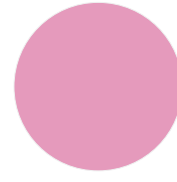
**Dark Red**  
PLS-9302



**Light Pink**  
PLS-9303



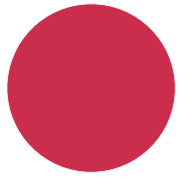
**Orchid Pink**  
PLS-9304



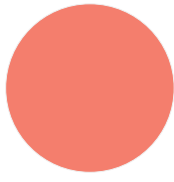
**Dusty Rose**  
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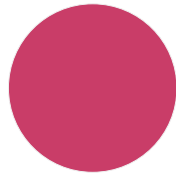
**Medium Pink**  
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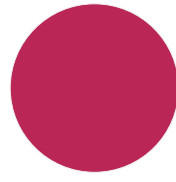
**Rosa**  
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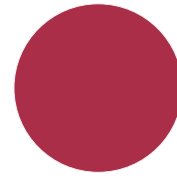
**Coral**  
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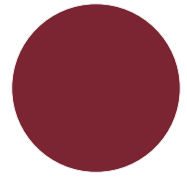
**Hot Pink**  
PLS-9310



**Cardinal Red**  
PLS-9311



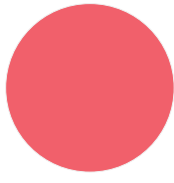
**Crimson**  
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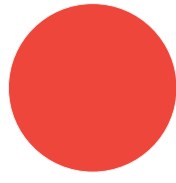
**Carmine**  
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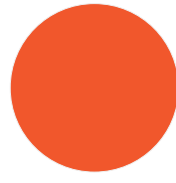
**Flame Red**  
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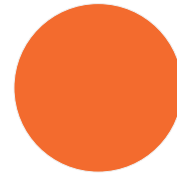
**Hibiscus**  
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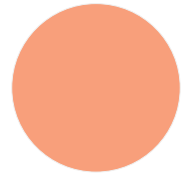
**Vivid Orange**  
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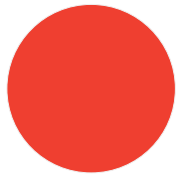
**Orange**  
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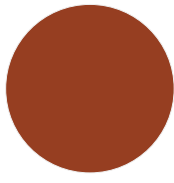
**Tangerine**  
PLS-9335



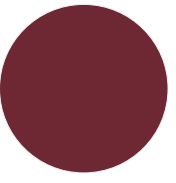
**Peach**  
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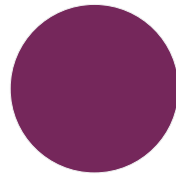
**Salmon**  
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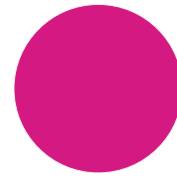
**Texas Orange**  
PLS-9340



**Maroon**  
PLS-9350



**Violet**  
PLS-9360



**Fuchsia**  
PLS-9365



**Bright Pink**  
PLS-9370



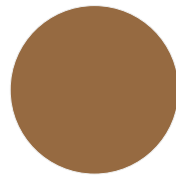
**Athletic Gold**  
PLS-9426



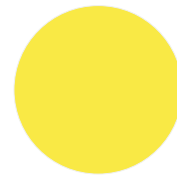
**Medium Yellow**  
PLS-9450



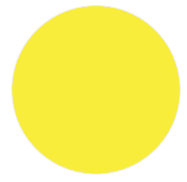
**Vegas Gold**  
PLS-9460



**Ochre**  
PLS-9465



**Lemon Yellow**  
PLS-9472



**Bright Lemon**  
PLS-9473



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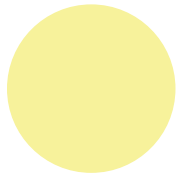
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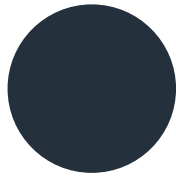
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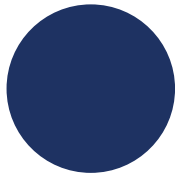
# ThermoFlex<sup>®</sup> PLUS



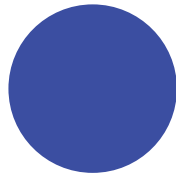
**Pastel Yellow**  
PLS-9475



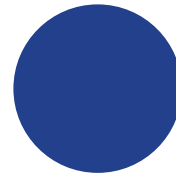
**Navy Blue**  
PLS-9513



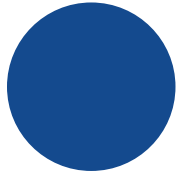
**Light Navy**  
PLS-9515



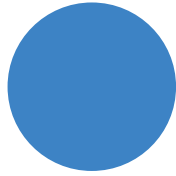
**Reflex Blue**  
PLS-9519



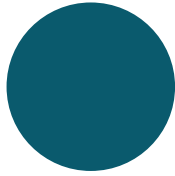
**Brilliant Blue**  
PLS-9521



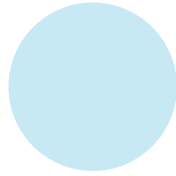
**Royal Blue**  
PLS-9522



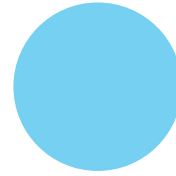
**Air Force Blue**  
PLS-9524



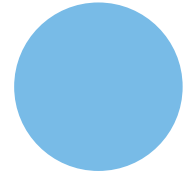
**Teal**  
PLS-9540



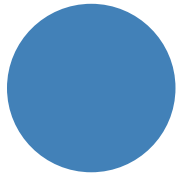
**Ice Blue**  
PLS-9547



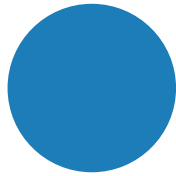
**Bahama Blue**  
PLS-9549



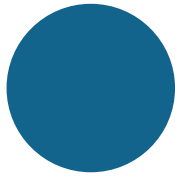
**Sky Blue**  
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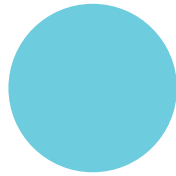
**Ocean Blue**  
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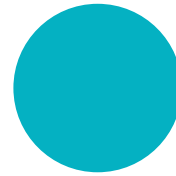
**Sapphire**  
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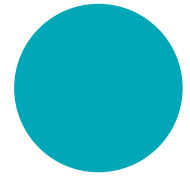
**Medium Blue**  
PLS-9565



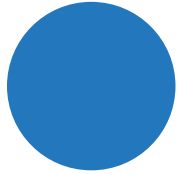
**Aquamarine**  
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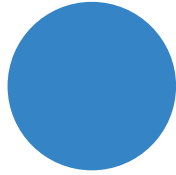
**Tiffany Blue**  
PLS-9570



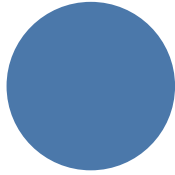
**Dark Tiffany**  
PLS-9571



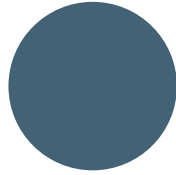
**Cornflower Blue**  
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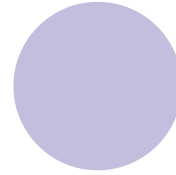
**Columbia Blue**  
PLS-9576\*



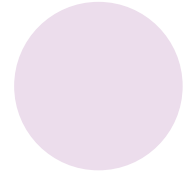
**Lilac**  
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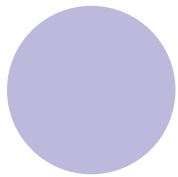
**Slate Blue**  
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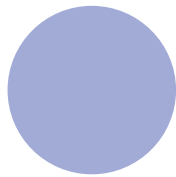
**Thistle**  
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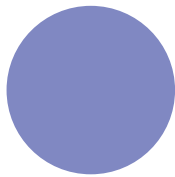
**Heather Purple**  
PLS-9580



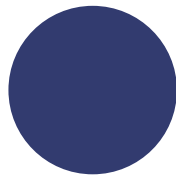
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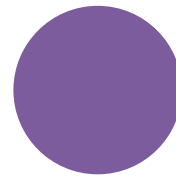
**Periwinkle**  
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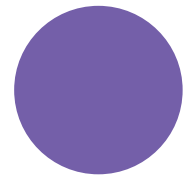
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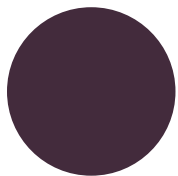
**Royal Purple**  
PLS-9584



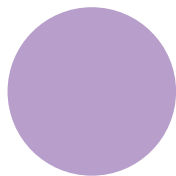
**Amethyst**  
PLS-9585



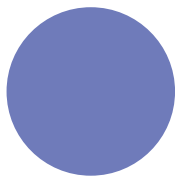
**Grape**  
PLS-9586



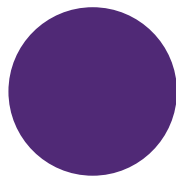
**Wine**  
PLS-9587



**Wisteria**  
PLS-9588



**Dusky Lavender**  
PLS-9589



**Purple Haze**  
PLS-9590

\*This product cannot be layered beneath anything.



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# ThermoFlex<sup>®</sup> PLUS



**Peppermint**  
PLS-9596



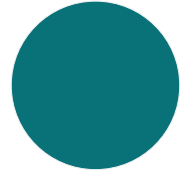
**Menta**  
PLS-9597



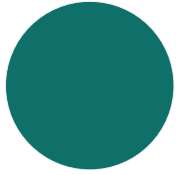
**Sparkling Mint**  
PLS-9598



**Seafoam Green**  
PLS-9600



**Aqua Green**  
PLS-9601



**Bright Aqua**  
PLS-9602



**Lime**  
PLS-9610



**Mint Green**  
PLS-9613



**Spring Green**  
PLS-9615



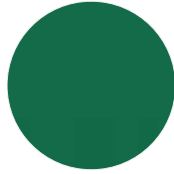
**Bright Green**  
PLS-9620



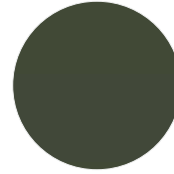
**Apple Green**  
PLS-9625



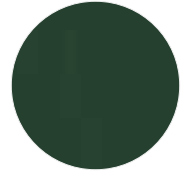
**Emerald Green**  
PLS-9630



**Kelly Green**  
PLS-9633



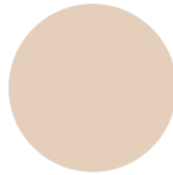
**Olive Drab**  
PLS-9669



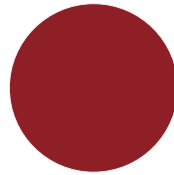
**Forest Green**  
PLS-9676



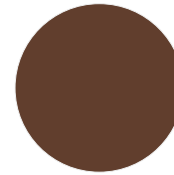
**Vanilla Cream**  
PLS-9729



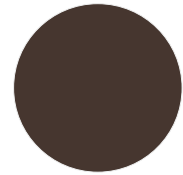
**Light Beige**  
PLS-9731



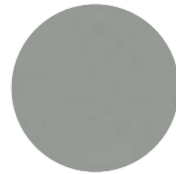
**Chestnut**  
PLS-9785



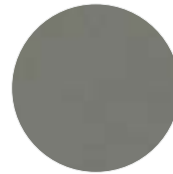
**Light Brown**  
PLS-9787



**Chocolate Brown**  
PLS-9789



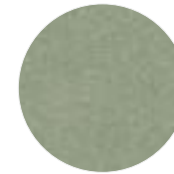
**Antique Silver**  
PLS-9834\*



**Graphite**  
PLS-9835\*



**Bronze**  
PLS-9836\*



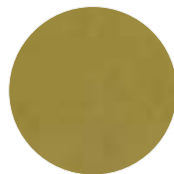
**Champagne**  
PLS-9840\*



**Brass**  
PLS-9841\*



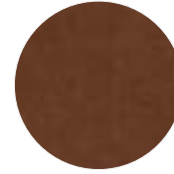
**Dark Gold**  
PLS-9842\*



**Old Gold**  
PLS-9843\*



**Copper Gold**  
PLS-9844\*



**Dark Copper**  
PLS-9845\*



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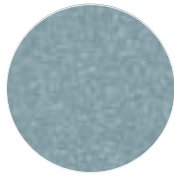
# ThermoFlex<sup>®</sup> PLUS



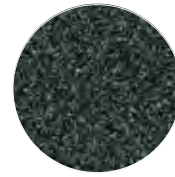
**Metal Flake White**  
PLS-9848\*



**Metal Flake Pure White**  
PLS-9849\*



**Metal Flake Titanium**  
PLS-9850\*



**Metal Flake Black**  
PLS-9858\*



**Metal Flake Red/Black**  
PLS-9859\*



**Metal Flake Gold**  
PLS-9868\*



**Metal Flake White/Gold**  
PLS-9869\*



**Metal Flake Orange**  
PLS-9870\*



**Metal Flake Red**  
PLS-9878\*



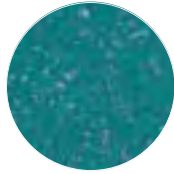
**Metal Flake Pink**  
PLS-9879\*



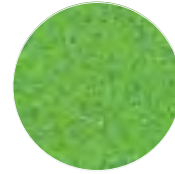
**Metal Flake Bright Pink**  
PLS-9880\*



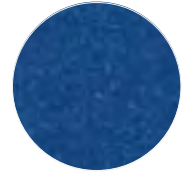
**Metal Flake Coral**  
PLS-9881\*



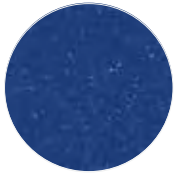
**Metal Flake Aqua Green**  
PLS-9882\*



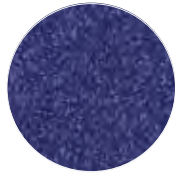
**Metal Flake Apple Green**  
PLS-9883\*



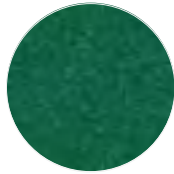
**Metal Flake Bright Blue**  
PLS-9886\*



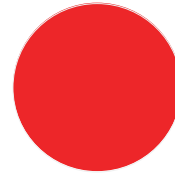
**Metal Flake Blue**  
PLS-9888\*



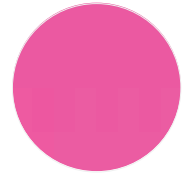
**Metal Flake Purple**  
PLS-9890\*



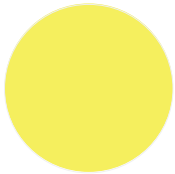
**Metal Flake Green**  
PLS-9898\*



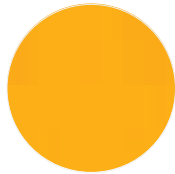
**Neon Red**  
PLS-9900\*



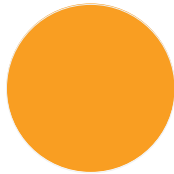
**Neon Pink**  
PLS-9910\*



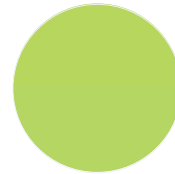
**Neon Yellow**  
PLS-9920\*



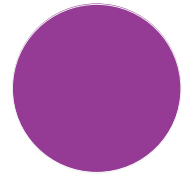
**Neon Orange**  
PLS-9930\*



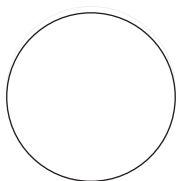
**Neon Deep Orange**  
PLS-9935\*



**Neon Green**  
PLS-9940\*



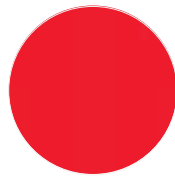
**Neon Berry**  
PLS-9990\*



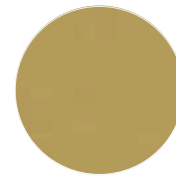
**Glossy White**  
PLS-9100G



**Glossy Black**  
PLS-9236G



**Glossy Red**  
PLS-9301G



**Glossy Gold**  
PLS-9843G



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# FROSTY CLEAR™



## FABRICS

Cotton, Uncoated Polyester, Cotton/Polyester, Polyester/Acrylic - Excluding Nylon

## SIZING

Available Widths (in.): 12", 15", 20", and 30"  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 150' rolls  
Sheets: 12" x 15" | Pack of 20

## THICKNESS

3 mils/75 microns

Thin and transparent, UV-resistant, polyurethane film with a semi-matte finish. On dark fabrics, this adds a fashionable tone on tone look. Manufactured without the pressure-sensitive carrier for easy stacking.



FROSTY CLEAR™  
PLS-9000



### TECH TIPS

You may layer designs with other products.

### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



### TEMPERATURE

320°F-330°F



### PRESSING | TIMING

Medium pressure | 15 seconds



### PEELING

Peel cold, then cover with a PTFE sheet and re-press for 5 seconds.



### WASHING

Wash warm and tumble dry normal. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



# ThermoFlex® STRETCH



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Spandex, Wool, Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 15" and 20"  
Available Lengths (ft.): 15', 30', 45', 60', and 90' rolls

## THICKNESS

4.2 mils/105 microns

Capacity for high stretch and rebound. Has a soft hand and strong grip. Durable and weeds easily. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

This product cannot be layered.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

For best results, perform test cuts.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

320°F-330°F



### PRESSING | TIMING

Medium pressure | 15 seconds



### PEELING

Peel warm



### WASHING

Wash warm and tumble dry normal. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



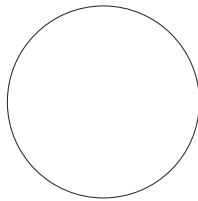
**"It's best to test!"** Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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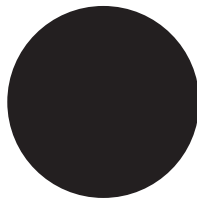
Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



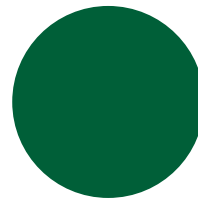
# ThermoFlex® STRETCH



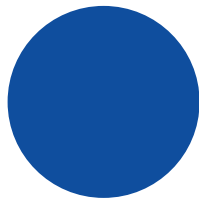
**White**  
TFS-401S\*



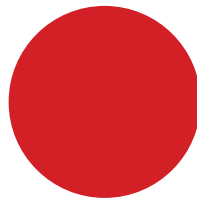
**Black**  
TFS-402S\*



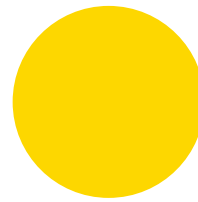
**Green**  
TFS-404S\*



**Blue**  
TFS-406S\*



**Red**  
TFS-408S\*



**Yellow**  
TFS-410S\*

**\*This product cannot be layered beneath anything.**



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# ThermoFlex® XTRA



## FABRICS

Nylon, leather, and other heat-sensitive fabrics

## SIZING

Available Widths (in.): 15" and 20"  
Available Lengths (ft.): 15', 30', 45', 60', and 90' rolls

## THICKNESS

4 mils/112 microns

Has a soft hand and strong grip. Designs can be layered. Smooth, matte finish. Pressure-sensitive carrier allows easy weeding.



### SPECIAL PRECAUTIONS

\*Columbia Blue, Old Gold, and Antique Silver cannot be layered beneath anything.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

You may layer ThermoFlex®PLUS or XTRA on top of most ThermoFlex®XTRA colors.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

300°F-305°F



### PRESSING | TIMING

Medium pressure | Pre-press garment for 5 seconds, then press the design for 3-5 seconds.



### PEELING

Peel cold, then cover with a PTFE sheet and repress for 10 seconds.



### WASHING

Follow wash instructions for Nylon. Turn inside-out, cold water, and tumble dry low. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



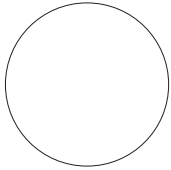
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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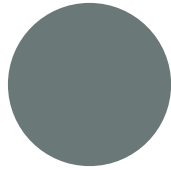
Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



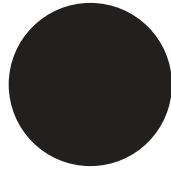
# ThermoFlex® XTRA



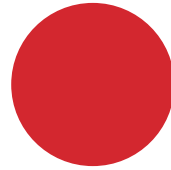
**White**  
TFX-8100



**Storm Grey**  
TFX-8150



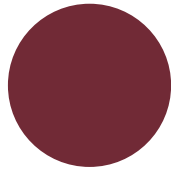
**Black**  
TFX-8236



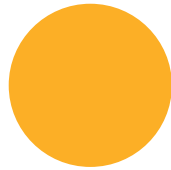
**Red**  
TFX-8301



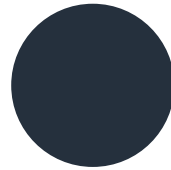
**Orange**  
TFX-8333



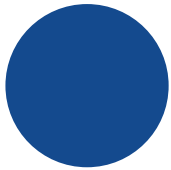
**Maroon**  
TFX-8350



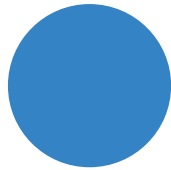
**Athletic Yellow**  
TFX-8426



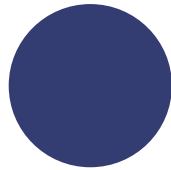
**Navy Blue**  
TFX-8513



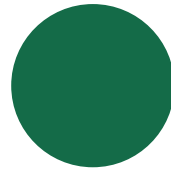
**Royal Blue**  
TFX-8522



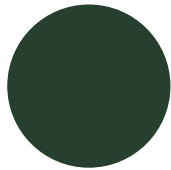
**Columbia Blue**  
TFX-8576\*



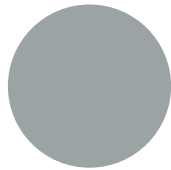
**Royal Purple**  
TFX-8584



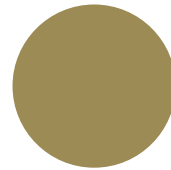
**Kelly Green**  
TFX-8633



**Forest Green**  
TFX-8676



**Antique Silver**  
TFX-8834\*



**Old Gold**  
TFX-8843\*



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# ThermoFlex®TURBO



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Spandex, Wool, Linen, and Nylon

## SIZING

Available Widths (in.): 15" and 20"  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 150' rolls

## THICKNESS

4 mills/100 microns

ThermoFlex®TURBO presses quickly at a low temperature, which eliminates press marks. Durable, weeds easily, and has a soft hand and strong grip. Does not encourage dye-migration since it has a low heat and quick press time. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

\*Columbia Blue, Old Gold, Antique Silver, Berry, and Neons cannot be layered beneath anything.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

270°F | Nylon: 300°F



### PRESSING | TIMING

Medium pressure | 5 seconds  
Nylon: Low pressure | Pre-press for 5 seconds, then press for 5 seconds.



### PEELING

Neons, Columbia Blue, & Berry: peel cold. All others: peel warm. | Nylon: Neons, Columbia Blue, & Berry peel cold. All others: peel warm. Cover with silicone sheet and re-press for 10 seconds.



### WASHING

Turn inside-out, wash warm, regular cycle, mild detergent. Do not use bleach. Tumble dry normal. Do not iron directly onto this material. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



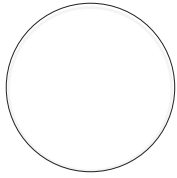
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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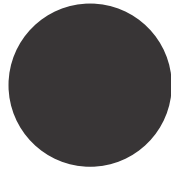
Tech Help: tech@specialtymaterials.com | Sample Request: samples@specialtymaterials.com



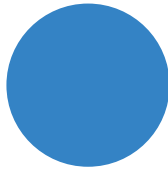
# ThermoFlex®TURBO



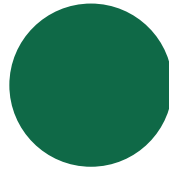
**White**  
TFT-14901



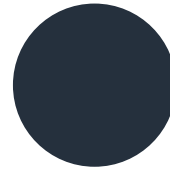
**Black**  
TFT-14902



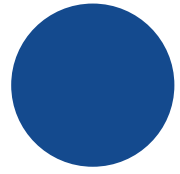
**Columbia Blue**  
TFT-14903\*



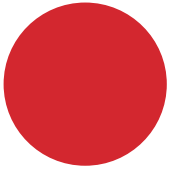
**Kelly Green**  
TFT-14904



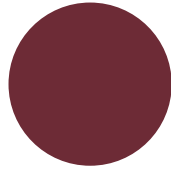
**Navy Blue**  
TFT-14905



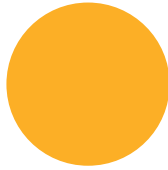
**Royal Blue**  
TFT-14906



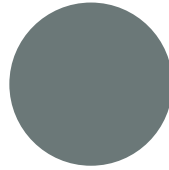
**Red**  
TFT-14908



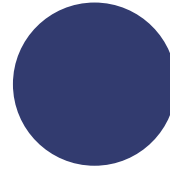
**Maroon**  
TFT-14909



**Athletic Gold**  
TFT-14910



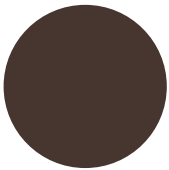
**Storm Grey**  
TFT-14912



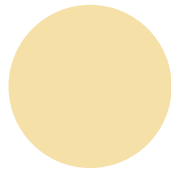
**Royal Purple**  
TFT-14914



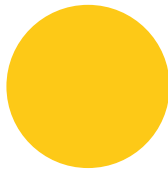
**Orange**  
TFT-14915



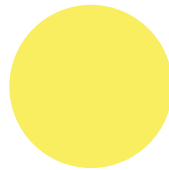
**Chocolate Brown**  
TFT-14916



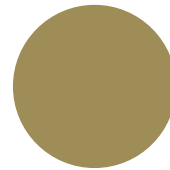
**Vanilla Cream**  
TFT-14917



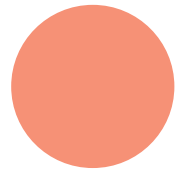
**Medium Yellow**  
TFT-14918



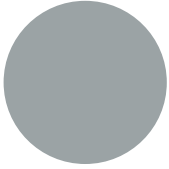
**Lemon Yellow**  
TFT-14919



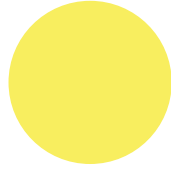
**Old Gold**  
TFT-14920\*



**Dark Coral**  
TFT-14929



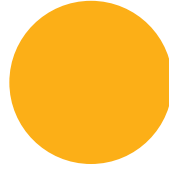
**Antique Silver**  
TFT-14930\*



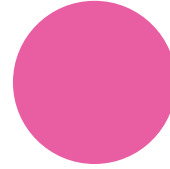
**Neon Yellow**  
TFT-14940\*



**Neon Green**  
TFT-14941\*



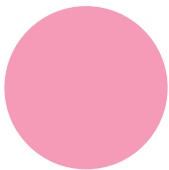
**Neon Orange**  
TFT-14942\*



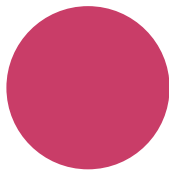
**Neon Pink**  
TFT-14943\*



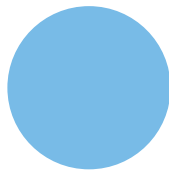
**Neon Red**  
TFT-14944\*



**Medium Pink**  
TFT-14961



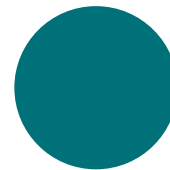
**Hot Pink**  
TFT-14962



**Sky Blue**  
TFT-14965



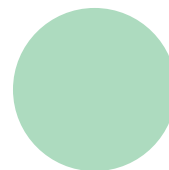
**Apple Green**  
TFT-14967



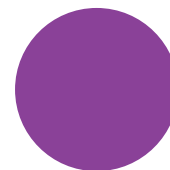
**Aqua Green**  
TFT-14968



**Flame Red**  
TFT-14973



**Sweet Mint**  
TFT-14977



**Berry**  
TFT-14987\*

\*This product cannot be layered beneath anything.



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# ThermoFlex®TURBO Brights



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Spandex, Wool, Linen, and Nylon

## SIZING

Available Widths (in.): 15" and 20"  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 150' rolls

## THICKNESS

4 mils/100 microns

ThermoFlex®TURBO Brights presses quickly at a low temperature, which eliminates press marks. Durable, weeds easily, and has a soft hand and strong grip. Does not encourage dye-migration since it has a low heat and quick press time. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

\*This product cannot be layered beneath anything.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

270°F | Nylon: 300°F



### PRESSING | TIMING

Medium pressure | 5 seconds  
Nylon: Low pressure | Pre-press for 5 seconds, then press for 5 seconds.



### PEELING

Peel warm | Nylon: Peel warm, cover with a silicone sheet, and repress for 10 seconds.



### WASHING

Turn inside-out, wash warm, regular cycle, mild detergent. Do not use bleach. Tumble dry normal. Do not iron directly onto this material. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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# ThermoFlex®TURBO Brights



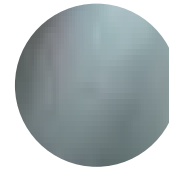
**Gold**  
TFTB-14921\*



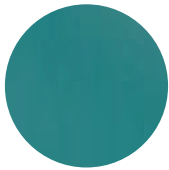
**Rose Gold**  
TFTB-14922\*



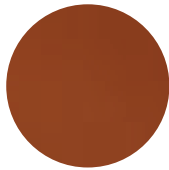
**Copper**  
TFTB-14924\*



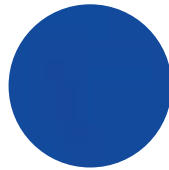
**Silver**  
TFTB-14931\*



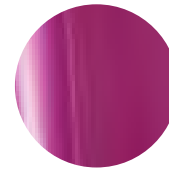
**Green**  
TFTB-14646\*



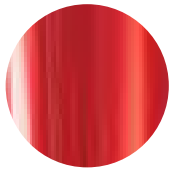
**Dark Copper**  
TFTB-14647\*



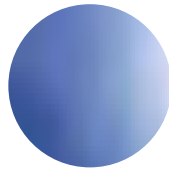
**Royal Blue**  
TFTB-14648\*



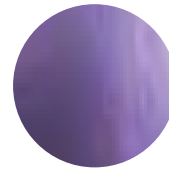
**Pink**  
TFTB-14925\*



**Red**  
TFTB-14926\*



**Blue**  
TFTB-14927\*



**Lavender**  
TFTB-14928\*

**\*This product cannot be layered beneath anything.**



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# PearlFlex™



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Polyester/Acrylic, and Similar Fabrics - **Excluding Nylon**

## SIZING

Available Widths (in.): 12", \*16", and 20" (\*16" - check availability)  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 162' rolls  
Sheets: 12" x 20" (check sheet availability)

## THICKNESS

3.9-4.3 mils/100-110 microns

Offers a smooth and soft shimmery finish. Stretchy and very durable.  
Weeds easily - you can achieve very fine-detailed designs. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

\*This product cannot be layered. \*\*Starred colors are slightly translucent and will take on the color of the garment, especially on dark garments.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

For best results, perform test cuts.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

300°F



### PRESSING | TIMING

Medium pressure | 8-10 seconds



### PEELING

Peel cold



### WASHING

Wash inside-out, cold water, gentle cycle, tumble dry low.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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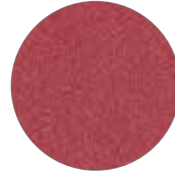
# PearlFlex™



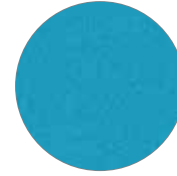
**Silver**  
SMPF-01\*



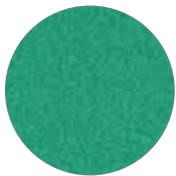
**Gold**  
SMPF-02\*



**Red**  
SMPF-03\*



**Blue**  
SMPF-04\*



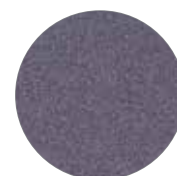
**Green**  
SMPF-05\*



**Pink**  
SMPF-06\*



**Purple**  
SMPF-07\*



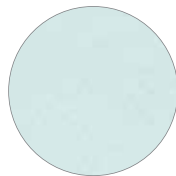
**Black**  
SMPF-08\*



**White**  
SMPF-15\*



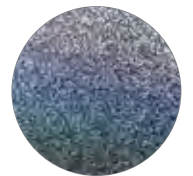
**Clear**  
SMPF-16\*\*



**Holo Silver**  
SHMPF-21\*



**Holo Yellow**  
SHMPF-22\*\*



**Holo Black**  
SHMPF-28\*

**\*This product cannot be layered beneath anything.**

**\*\*These colors are slightly translucent and will take on the color of the garment, especially on dark garments.**



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# ThermoSPORT™



## FABRICS

Cotton, Uncoated Polyester, Mesh, and Poly-blend fabrics- Excluding Nylon

## SIZING

Available Widths (in.): 13.5", 18", and 27"  
Available Lengths (ft.): 15', 30', 45', 60', 75', and 150' rolls

## THICKNESS

6.8 mils/170 microns

Semi-Gloss finish. Bridges the gaps in open-mesh athletic jerseys blocking dye migration. The pressure-sensitive carrier allows easy weeding.



### SPECIAL PRECAUTIONS

This PVC product emits hazardous fumes when cut with a laser machine!  
\*This product cannot be layered.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

ThermoSPORT™ will need more downforce on the blade while plotting. Please do test cuts for best results.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

300°F-320°F



### PRESSING | TIMING

Medium pressure | 8-10 seconds



### PEELING

Peel warm or Cold.



### WASHING

Wash according to garment instructions.



### NOT LASER COMPATIBLE

This product contains PVC and will emit hazardous fumes.



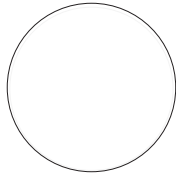
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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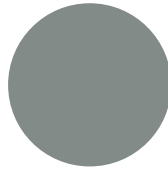
Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



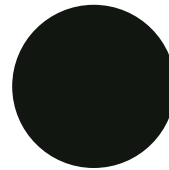
# ThermoSPORT™



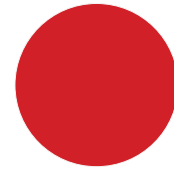
**White**  
SP-4100\*



**Storm Grey**  
SP-4150\*



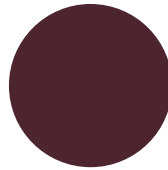
**Black**  
SP-4236\*



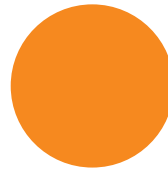
**Red**  
SP-4301\*



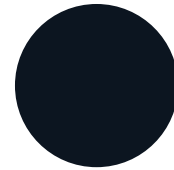
**Orange**  
SP-4333\*



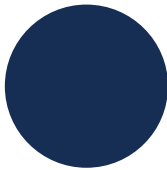
**Maroon**  
SP-4350\*



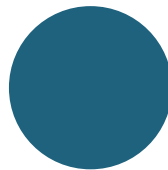
**Athletic Yellow**  
SP-4426\*



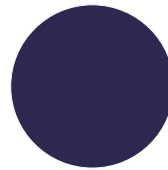
**Navy Blue**  
SP-4513\*



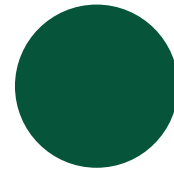
**Royal Blue**  
SP-4522\*



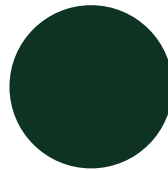
**Columbia Blue**  
SP-4576\*



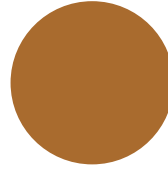
**Purple**  
SP-4584\*



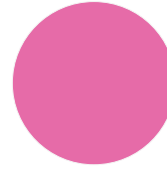
**Kelly Green**  
SP-4633\*



**Dark Green**  
SP-4676\*



**Old Gold**  
SP-4843\*



**Neon Pink**  
SP-4910\*



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# SUBLIBLOCK®TURBO



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Cotton/Polyester, Polyester/Acrylic - Excluding Nylon

## SIZING

Available Widths (in.): 15" and 20"  
Available Lengths (ft.): 15', 30', 45', 60', 75', and 90' rolls

## THICKNESS

5.2 mils/130 microns

Sublimation resistant, even when exposed to high temperatures. Soft hand with a matte finish. Contains an additional layer that blocks dye migration. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

Do not pre-heat the garment. Do not roll this material up in the opposite direction that it came - it will lead to delamination lines. After cutting your design, do not leave it hanging on the cutter. If bubbling appears around the cut lines, lay it down flat and smooth the bubbles with your hand.



### TECH TIPS

SUBLIBLOCK®TURBO is formulated to use with modern performance polyesters and prevents heat-press marks.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

270°F



### PRESSING | TIMING

Medium pressure | 5 seconds



### PEELING

Peel warm



### WASHING

Wash inside-out, with warm water, and tumble dry normal. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



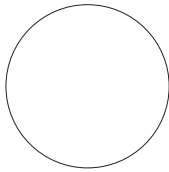
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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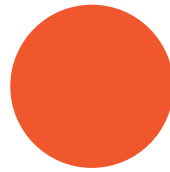
# SUBLIBLOCK® TURBO



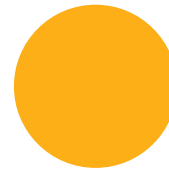
**White**  
SB-3105-T



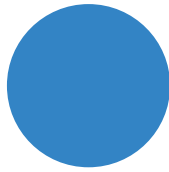
**Red**  
SB-3301-T



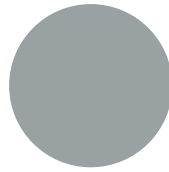
**Orange**  
SB-3333-T



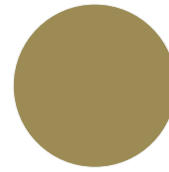
**Athletic Yellow**  
SB-3426-T



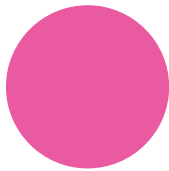
**Columbia Blue**  
SB-3576-T



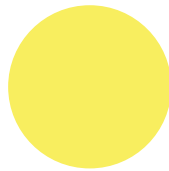
**Antique Silver**  
SB-3834-T



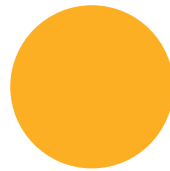
**Old Gold**  
SB-3843-T



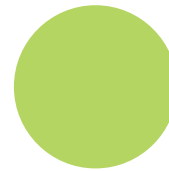
**Neon Pink**  
SB-3910-T



**Neon Yellow**  
SB-3920-T



**Neon Orange**  
SB-3930-T



**Neon Green**  
SB-3940-T



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# ThermoBANNER™ 2



## FABRICS

Heat-sensitive surfaces, coated canvas, most vinyl and plastic-coated surfaces - Excluding Nylon

## SIZING

Available Widths (in.): 20" only  
Available Lengths (ft.): 15', 30', and 66' rolls

## THICKNESS

6.8 mils/170 microns

Great for awnings, permanent banners, umbrellas, tire covers, & flexible truck side coverings. It can be applied with a hand iron. Excellent outdoor durability. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

This product cannot be layered. This is a PVC product, which will emit hazardous fumes when cut with a laser machine!



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

212°F-285°F



### PRESSING | TIMING

Light pressure | 10-15 seconds



### PEELING

Peel cold



### WASHING

Wash warm and tumble dry normal. Suitable for dry-cleaning.



### NOT LASER COMPATIBLE

This product contains PVC and will emit hazardous fumes.



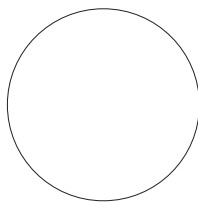
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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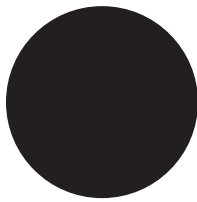
Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



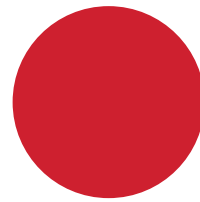
# ThermoBANNER™ 2



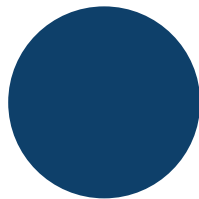
**White**  
TB2-7100\*



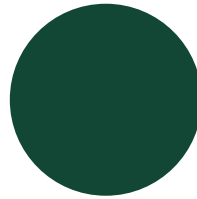
**Black**  
TB2-7236\*



**Red**  
TB2-7301\*



**Blue**  
TB2-7522\*



**Green**  
TB2-7633\*

**\*This product cannot be layered**



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# DIMENSION™



## FABRICS

Cotton, Uncoated Polyester, Cotton/Poly blends, Polyester/Acrylic - **Excluding** Nylon and Dazzle Cloth

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 10', 20', and 30' rolls

## THICKNESS

24 mils/600 microns



### SPECIAL PRECAUTIONS

Will NOT stretch. We do not recommend cutting fine, detailed designs with this product.



Use to create 3-dimensional designs.  
Very thick and durable.  
Free from PVC, plasticizers, & heavy metals.  
Manufactured without a sticky carrier for easy stacking of weeded designs.



White  
DIM-001



Black  
DIM-002

### MIRRORING

Cut this material into a mirror image.



### CUTTING

60° Blade Recommended, with high pressure - may need to cut twice.



### TEMPERATURE

320°F



### PRESSING | TIMING

Medium pressure | 25 seconds



### PEELING

Peel cold



### WASHING

Wash inside-out, warm water, and hang to dry. **NOT** suitable for dry-cleaning or tumble drying.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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# FASHIONFlex® PUFF



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Polyester/Acrylic, and Similar Fabrics - **Excluding Nylon**

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15', 30', 45', 60', and 81' roll

## THICKNESS

4.9-6.7 mils/125-170 microns  
Metallic: 12-20 mils/300-500 microns

FASHIONFlex® PUFF puffs up when pressed, and your design will be ready to impress! Easy to weed, easy to apply. Simple application instructions make it a breeze. The pressure-sensitive carrier enables easy weeding and repositioning.

We offer the most PUFF colors in the industry, and now, we have added Metallic PUFF to the line. Your designs will have a metallic sheen and stand out in a crowd. Go big, go bold, and be visually striking. Flex your creative muscle with the complete FASHIONFlex® PUFF line of products!

### SPECIAL PRECAUTIONS

**Cannot be layered.** Clear plastic side needs to be face down while cutting. Peel up the corner of the carrier to determine this before cutting. Carrier can be shiny or matte, depending on the batch. Remove the carrier immediately after pressing. If the carrier or transfer sheet is left on, it can create inconsistencies in the puffed material.

**PLEASE NOTE:** Some application instructions for **Metallic PUFF** differ from standard PUFF. Those instances are noted below and have been tested for optimum results. Be sure to use the settings provided on your roll. Test before doing large runs.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade | **Metallic:** 60° Blade recommended



### TEMPERATURE

All colors: 255°F - \*275°F | Vary Puff effect by increasing or decreasing temperature by 10°F within range. | \***Metallic:** 275°F



### PRESSING | TIMING

Medium pressure | 12-14 seconds | Start at 12; if more time is needed, press an additional 2 sec. | **Metallic:** 10 sec.



### PEELING | \*RE-PRESSING

Peel hot - remove the carrier and/or transfer sheet immediately. | \***Metallic:** Re-press for 4 seconds for maximum puff.



### WASHING

Wash inside-out, cold water, gentle cycle. Tumble dry low.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



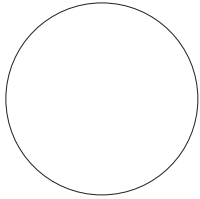
**"It's best to test!"** Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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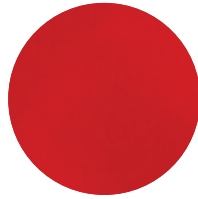
# FASHIONFlex® PUFF



**White**  
FFPU-PUFF 01



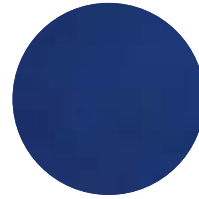
**Black**  
FFPU-PUFF 02



**Red**  
FFPU-PUFF 03



**Green**  
FFPU-PUFF 04



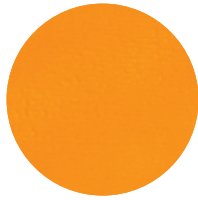
**Royal Blue**  
FFPU-PUFF 05



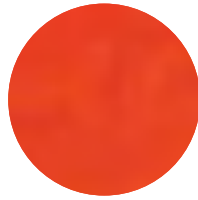
**Metallic Silver**  
FFPU-PUFF M40



**Navy Blue**  
FFPU-PUFF 06



**Yellow**  
FFPU-PUFF 07



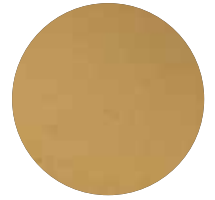
**Orange**  
FFPU-PUFF 08



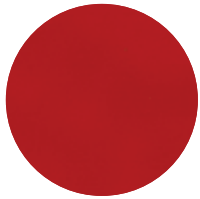
**Grey**  
FFPU-PUFF 09



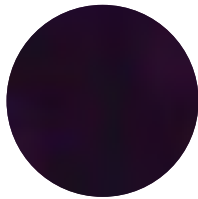
**Dark Grey**  
FFPU-PUFF 10



**Metallic Gold**  
FFPU-PUFF M41



**Burgundy**  
FFPU-PUFF 11



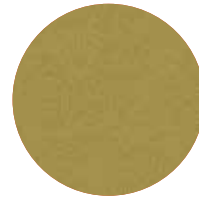
**Purple**  
FFPU-PUFF 12



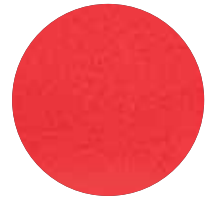
**Camel**  
FFPU-PUFF 13



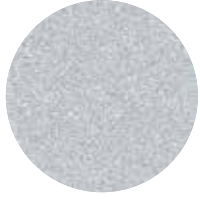
**Khaki**  
FFPU-PUFF 14



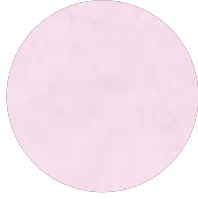
**Gold**  
FFPU-PUFF 16



**Metallic Red**  
FFPU-PUFF M42



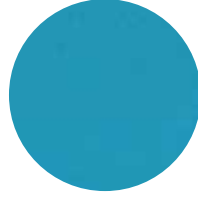
**Silver**  
FFPU-PUFF 17



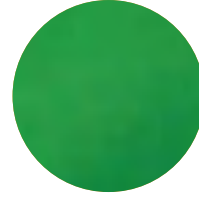
**Lilac**  
FFPU-PUFF 18



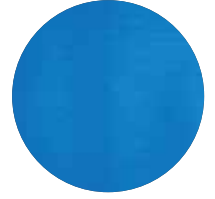
**Pink**  
FFPU-PUFF 20



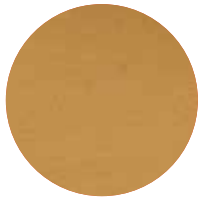
**Light Blue**  
FFPU-PUFF 22



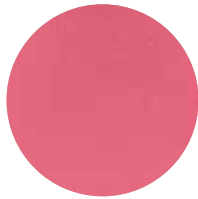
**Emerald Green**  
FFPU-PUFF 23



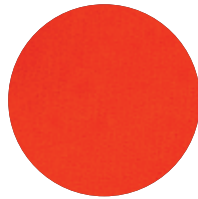
**Metallic Royal Blue**  
FFPU-PUFF M43



**Coffee**  
FFPU-PUFF 24



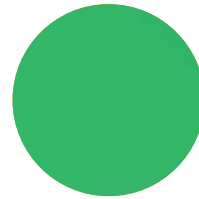
**Dark Pink**  
FFPU-PUFF 25



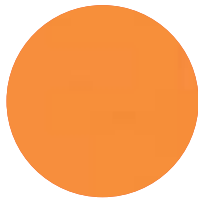
**Vivid Orange**  
FFPU-PUFF 26



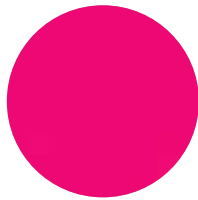
**Neon Yellow**  
FFPU-PUFF 30



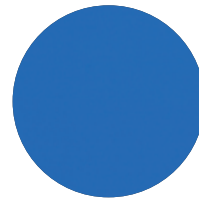
**Neon Green**  
FFPU-PUFF 32



**Neon Orange**  
FFPU-PUFF 34



**Neon Pink**  
FFPU-PUFF 36



**Neon Blue**  
FFPU-PUFF 38



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# FASHION Flex® Light - Sensitive



## FABRICS

Cotton, Uncoated Polyester, and Fabric Blends - **Excluding Nylon**

## SIZING

Available Widths (in.): 20" only  
Available Lengths (ft.): 15' and 30' rolls

## THICKNESS

4.3 mils/110 microns

White polyurethane film that changes color when exposed to UV or sunlight. Dimensionally stable and very easy to cut and weed. A full matte finish and is very soft, similar to ThermoFlex® PLUS. The material is on a slightly sticky carrier.



### SPECIAL PRECAUTIONS

Does not stretch. Store away from UV rays and sources of heat. Store in an opaque bag when not in use, otherwise permanent color shift may occur.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



### TEMPERATURE

300°F



### PRESSING | TIMING

Medium pressure | 8-12 seconds



### PEELING

Peel warm



### WASHING

Wash inside-out with cool water and tumble dry.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



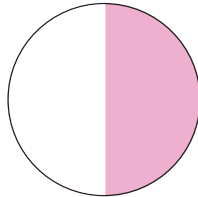
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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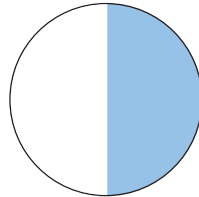
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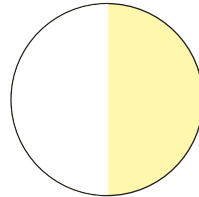
# FASHION Flex<sup>®</sup> Light - Sensitive



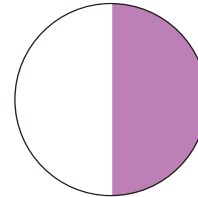
**Pastel Red**  
FFLS-01



**Pastel Blue**  
FFLS-02

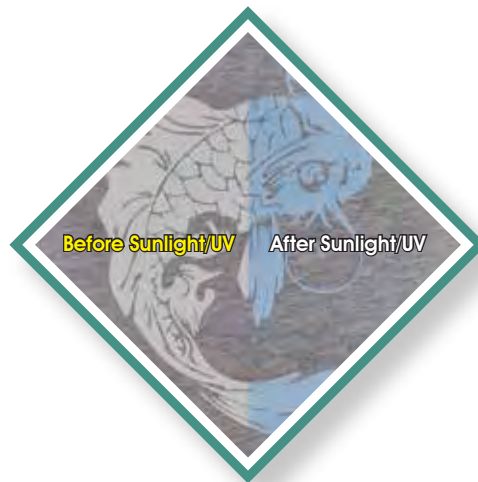


**Pastel Yellow**  
FFLS-03



**Violet**  
FFLS-04

Changes from white to color when exposed to sunlight/UV.



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# Chalkboard



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Spandex, Wool, Linen and \*Nylon.

## SIZING

Available Widths (in.): \*12", 15" and 20"  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 150' rolls  
\*12" x 150' only

## THICKNESS

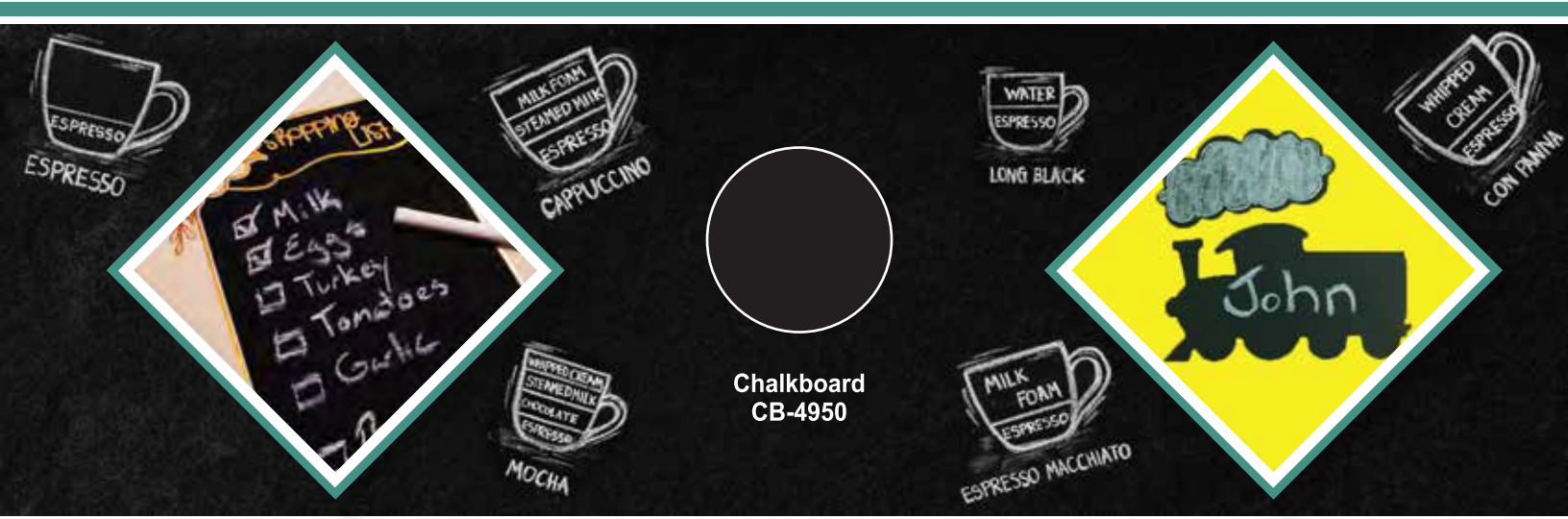
3.7 mils/95 microns

Turbo adhesive allows a low temperature and quick press time, eliminating press marks. Durable, weeds easily and has a soft hand and strong grip. Chalk can be wiped away easily with a wet cloth. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

\*Please reference starred instructions for Nylon application.



Chalkboard  
CB-4950

### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



### TEMPERATURE

270°F | \*Nylon: 300°F



### PRESSING | TIMING

Medium pressure | 5 seconds  
\*Nylon: Low pressure | Pre-press garment for 5 seconds, press material for 5 seconds.



### PEELING

Peel warm | \*Nylon: Peel warm, cover with a silicone sheet, and re-press for 10 seconds.



### WASHING

Turn inside-out, wash warm, regular cycle, mild detergent. No bleach. Tumble dry normal. Do not iron material. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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# DecoFLOCK® Premium Plus



## FABRICS

Cotton, Uncoated Polyester, Acrylic, Fabric Blends, and similar fabrics - Excluding Nylon

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15', 30', 45', 60', and 81' rolls

## THICKNESS

14 mils/350 microns

Our most plush velvety flock product. Has excellent cutting properties. Weeds easily and has great wash resistance. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

Will NOT stretch or layer.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

60° Blade



### TEMPERATURE

320°F



### PRESSING | TIMING

Low to Medium pressure | 15 seconds



### PEELING

Peel warm



### WASHING

Can be washed and dried at medium temperatures. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



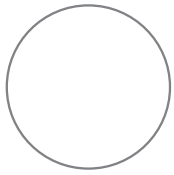
**"It's best to test!"** Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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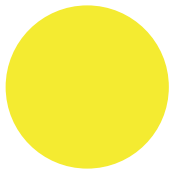
Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



# DecoFLOCK® Premium Plus



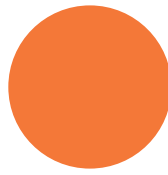
**White**  
DFPP-001\*



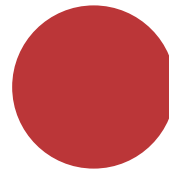
**Light Yellow**  
DFPP-100\*



**Yellow**  
DFPP-110\*



**Orange**  
DFPP-180\*



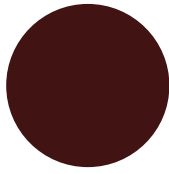
**Red**  
DFPP-200\*



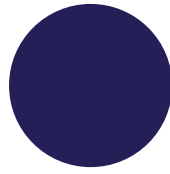
**Signal Red**  
DFPP-210\*



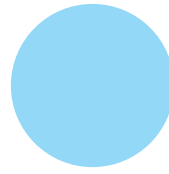
**Magenta**  
DFPP-250\*



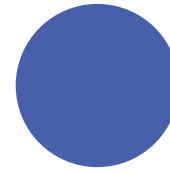
**Maroon**  
DFPP-270\*



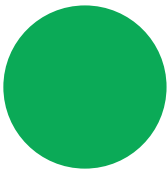
**Blue**  
DFPP-300\*



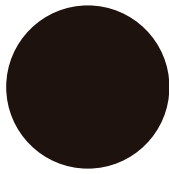
**Ice Blue**  
DFPP-310\*



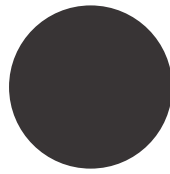
**Sky Blue**  
DFPP-320\*



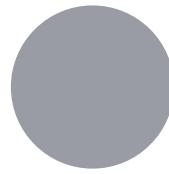
**Green**  
DFPP-400\*



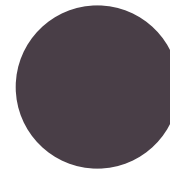
**Dark Brown**  
DFPP-550\*



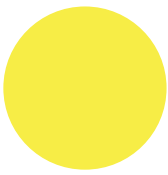
**Black**  
DFPP-700\*



**Grey**  
DFPP-730\*



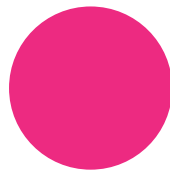
**Anthracite**  
DFPP-780\*



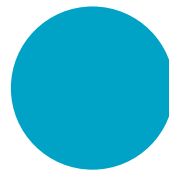
**Neon Yellow**  
DFPPN-101\*



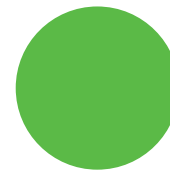
**Neon Red**  
DFPPN-201\*



**Neon Pink**  
DFPPN-241\*



**Neon Blue**  
DFPPN-301\*



**Neon Green**  
DFPPN-401\*

\*This product cannot be layered beneath anything.



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# GlitterFlex® ULTRA



## FABRICS

Cotton, Uncoated Polyester, Cotton/Polyester Blends, Fabric Blends, Wool, Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15', 30', 45', 60', 75', 90', and 162' rolls

## THICKNESS

13-15 mils/325-375 microns

Creates stunning results with a wide variety of colors to choose from. Can be used as an embroidery glitter - just remove the clear carrier! Contains actual polyester glitter particles, allowing this product to be sublimated, creating endless design possibilities. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

\*Starred colors are slightly translucent and will take on the color of the garment, especially black or dark.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

Can be embroidered. Full instructions are on the "How to Embroider GlitterFlex® ULTRA" page.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

60° Blade



### TEMPERATURE

320°F-330°F



### PRESSING | TIMING

Medium pressure | 12-15 seconds



### PEELING

Peel warm, use a PTFE sheet, and re-press for 2 seconds | Firm pressure.



### SUBLIMATION

Heat sublimation on top of the already pressed vinyl at 390°F for 30 seconds. \*Paper heat settings may differ.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



### WASHING

Wash warm and tumble dry normal. Suitable for dry-cleaning.



"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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# GlitterFlex<sup>®</sup> ULTRA



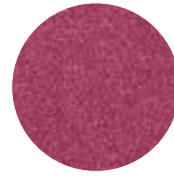
**Silver**  
GF-Ultra 01



**Gold**  
GF-Ultra 02



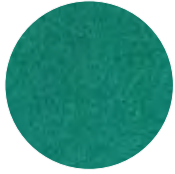
**Red**  
GF-Ultra 03



**Pink**  
GF-Ultra 04



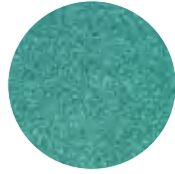
**Purple**  
GF-Ultra 05



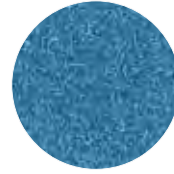
**Emerald**  
GF-Ultra 06



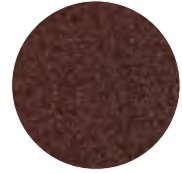
**Black Gold**  
GF-Ultra 07



**Jade**  
GF-Ultra 08



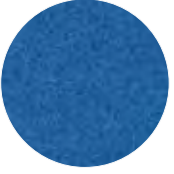
**Aqua**  
GF-Ultra 09



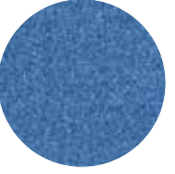
**Brown**  
GF-Ultra 10



**Black**  
GF-Ultra 11



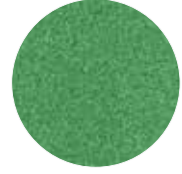
**Blue**  
GF-Ultra 12



**Old Blue**  
GF-Ultra 12A



**Holo Pink**  
GF-Ultra 13\*



**Light Green**  
GF-Ultra 14



**Multi**  
GF-Ultra 15



**Light Multi**  
GF-Ultra 16



**Grey**  
GF-Ultra 17



**Lavender**  
GF-Ultra 18



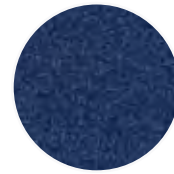
**Green**  
GF-Ultra 19



**Copper**  
GF-Ultra 20



**Dark Purple**  
GF-Ultra 21



**Navy Blue**  
GF-Ultra 22

**\*These colors are slightly translucent and will take on the color of the garment, especially on dark garments.**



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## How to Embroider GlitterFlex®**ULTRA**

### Manual Handling

This product can be handled on any embroidery machine, just like a regular appliqué.

When using GlitterFlex®**ULTRA**, just simply remove the carrier from the top, before using on your embroidery machine.

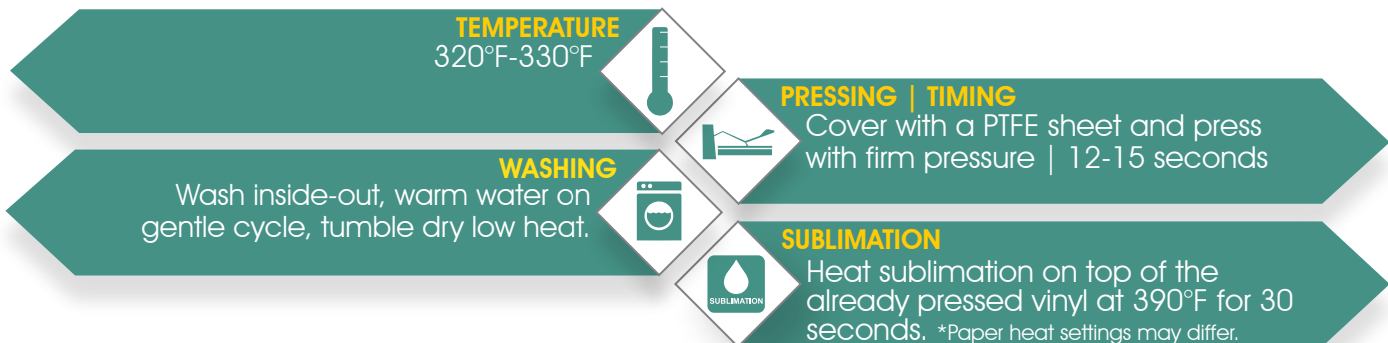
### Design

Use a design that has been digitized for appliqué. For best results, we suggest you embroider with a simple running stitch and a thin satin stitch.

### How-To

1. Sew a tight running stitch as a placement outline on the garment
2. Cut a piece of GlitterFlex®**ULTRA** slightly larger than your design.
3. Lightly spray the back side with a temporary spray adhesive and place on garment.
4. Embroider the design using a simple running stitch and a thin satin stitch.
5. After stitching, simply pull away the excess material.
6. Finish by using the heat transfer settings below.

Many people have successfully embroidered many other products, such as Deco**FLOCK**® and Deco**SPARKLE**®. The sky is the limit!



**"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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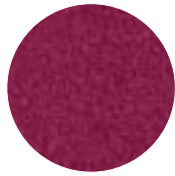
Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



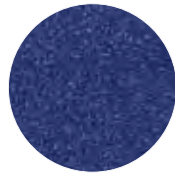
# GlitterFlex<sup>®</sup> ULTRA



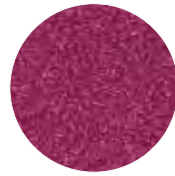
**Light Gold**  
GF-Ultra 23



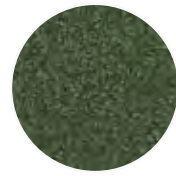
**Cherry**  
GF-Ultra 24



**Royal Blue**  
GF-Ultra 26



**Hot Pink**  
GF-Ultra 27



**Dark Green**  
GF-Ultra 28



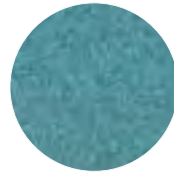
**Burgundy**  
GF-Ultra 29



**Holo Orange**  
GF-Ultra 30\*



**Dark Gold**  
GF-Ultra 31



**Sky Blue**  
GF-Ultra 32



**Silver Pink**  
GF-Ultra 33



**Wine**  
GF-Ultra 35



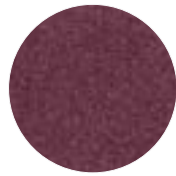
**Yellow Green**  
GF-Ultra 39



**Rainbow White Opaque**  
GFU-RB 47OPQ



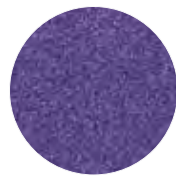
**Rainbow White Clear** GFU-RB 47C\*



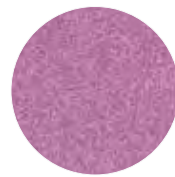
**Light Burgundy**  
GF-Ultra 73



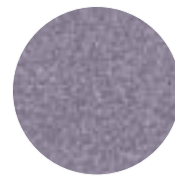
**Midnight Blue**  
GF-Ultra 74



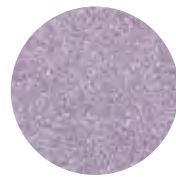
**Amethyst**  
GF-Ultra 75



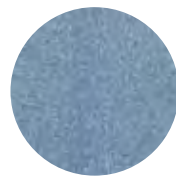
**Carnation Pink**  
GF-Ultra 76



**Majestic Purple**  
GF-Ultra 77



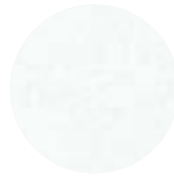
**Heather Purple**  
GF-Ultra 78



**Steel Blue**  
GF-Ultra 79



**Rainbow Opaque White**  
GFO-RB 87



**White/Silver**  
GF-Ultra 91

\*These colors are slightly translucent and will take on the color of the garment, especially on dark garments.



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# How to Sublimate Heat Transfer Vinyl

1. Create a cut file by creating an offset path around the image you want to sublimate.
2. Separate your cut file and your sublimation image.
3. Test cut your HTV, cut your cut file in mirror image, weed your HTV, and set aside.
4. Print your sublimation image in a mirror image.
5. Press your HTV onto your garment for half the recommended time.
6. Peel the carrier off. After your printed image has dried, cut out the image. Cut as close as possible to the image you are pressing, which will help you line it up!
7. Put the printed image color side down on top of the HTV. Line up the edges and tape them down with ThermoTape® – this will help prevent shifting.
8. Cover with a PTFE sheet and press at 390°F for 20-40 seconds.
9. Remove the PTFE sheet, printed image, and all ThermoTape®. Re-press the garment with a PTFE sheet for 12 seconds and enjoy!



See a step-by-step guide on our blog:  
[SpecialtyMaterials.com/how-to-sublimate-heat-transfer-vinyl](https://SpecialtyMaterials.com/how-to-sublimate-heat-transfer-vinyl) or  
 watch our Owl Guitar Strap video on Youtube: [youtube.com/SpecialtyMaterials](https://youtube.com/SpecialtyMaterials)

## SUBLIMATION-FRIENDLY PRODUCTS

GlitterFlex®ULTRA ▲

GlitterFlex®Printable ▲

DecoFILM®Brilliant's ▲  
 (Except Silver & Gold)

DecoFILM®Brilliant Chameleon ▲

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# GlitterFlex® ULTRA



**White/Gold**  
GF-Ultra 92



**White/Red**  
GF-Ultra 93



**White/Emerald**  
GF-Ultra 94



**White/Royal Blue**  
GF-Ultra 95



**Vegas Gold**  
GF-Ultra 96



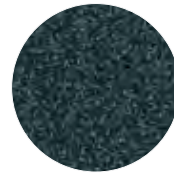
**Silver Gold**  
GF-Ultra 97



**Champagne**  
GF-Ultra 98



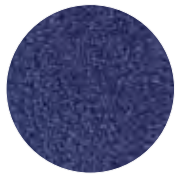
**Light Copper**  
GF-Ultra 99



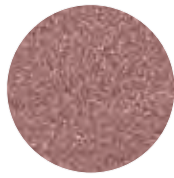
**British Racing Green**  
GF-Ultra 101



**Royal Purple**  
GF-Ultra 102



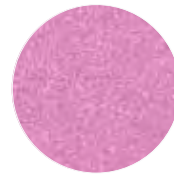
**Light Royal Blue**  
GF-Ultra 103



**Rose Gold**  
GF-Ultra 104



**Rainbow Pineapple**  
GFU-RB 110\*



**Rainbow New Pink**  
GFU-RB 111



**Rainbow Rose**  
GFU-RB 112\*



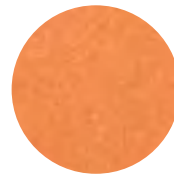
**Rainbow Green**  
GFU-RB 113\*



**Rainbow Sparkle White**  
GFU-RB 114\*



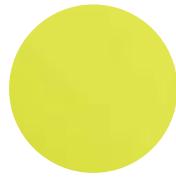
**Rainbow Cotton Candy**  
GFU-RB 115\*



**Rainbow Orange**  
GFU-RB 116\*



**Rainbow Light Aqua**  
GFU-RB 117



**Neon Electric Yellow**  
GFU-Neon 120



**Neon Key Lime**  
GFU-Neon 121



**Neon Electric Pink**  
GFU-Neon 122

\*These colors are slightly translucent and will take on the color of the garment, especially on dark garments.



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# GlitterFlex<sup>®</sup> ULTRA



**Neon Coral**  
GFU-Neon 123



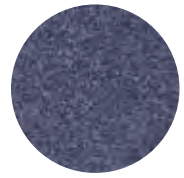
**Neon Bright Orange**  
GFU-Neon 124



**Neon Bright Purple**  
GFU-Neon 125



**Neon Bright Blue**  
GFU-Neon 126



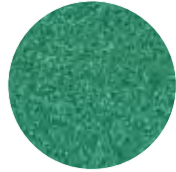
**Holo Tungsten**  
GFU-Holo 130



**Holo Silver Sparkle**  
GFU-Holo 131



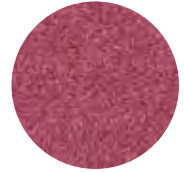
**Holo Gold Rush**  
GFU-Holo 132



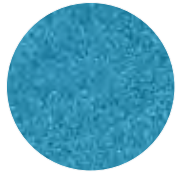
**Holo Shamrock**  
GFU-Holo 133



**Holo Bellflower**  
GFU-Holo 134



**Holo Cherry**  
GFU-Holo 135



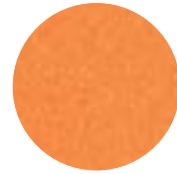
**Holo Aquatic Green**  
GFU-Holo 136



**Neon Opaque Lemon**  
GFO-RB 140



**Neon Opaque Lime**  
GFO-RB 141



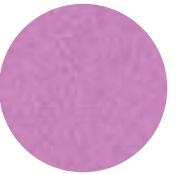
**Neon Opaque  
Papaya**  
GFO-RB 142



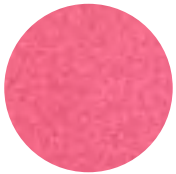
**Neon Opaque  
Rose**  
GFO-RB 143



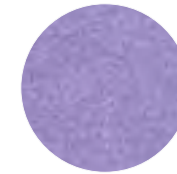
**Neon Opaque  
Baby Blue**  
GFO-RB 144



**Neon Opaque  
Violet**  
GFO-RB 145



**Neon Opaque  
Coral Pink**  
GFO-RB 146



**Neon Rainbow  
Lavender**  
GFO-RB 147



**Neon Rainbow Jade**  
GFO-RB 148



**Neon Rainbow  
Aqua Silver**  
GFO-RB 149



**Black Galaxy**  
GF-Ultra 150



**Lady Pink**  
GF-Ultra 151



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# GlitterFlex® Printable



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Wool, and Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15, 30', 45', 60', 75', and 90', and 162" rolls

## THICKNESS

Regular Colors:  
10.4-12 mils/260-300 microns  
Neon Colors:  
14.8-16.8 mils/470-320 microns

Designed for use with all Solvent/Eco-Solvent inks. Offers high-quality prints with a shimmering glitter finish. Contains actual polyester glitter particles. This product is to be sublimated, creating endless design possibilities.



### SPECIAL PRECAUTIONS

We do not recommend layering textured materials. Please note: the DH White may have a rough texture on the backside, but testing has shown that it does not affect the print finish.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### MIRRORING

Print and cut this material "right reading."



### CUTTING

60° Blade Recommended



### TEMPERATURE

330°F-335°F



### PRESSING | TIMING

Cover with a PTFE sheet, using firm pressure. | 15 seconds



### PEELING | RE-PRESSING

Peel warm | Use a PTFE sheet, and re-press for 2 seconds.



### TAPE

For solvent printing, use HFIX-FLCK to transfer the image to the garment. If sublimating, do not use a mask. Use solid designs & press using a PTFE sheet.



### WASHING

Wash inside out, gentle cycle, cold water, tumble dry low.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



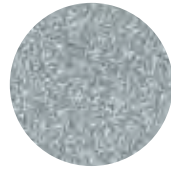
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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# GlitterFlex® Printable



**Silver**  
GFLXP-201



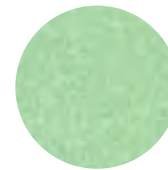
**Light Gold**  
GFLXP-223



**Rainbow  
Opaque White**  
GFLXP-251



**Neon Yellow**  
GFLXP-280



**Neon Green**  
GFLXP-281



**Neon Pink**  
GFLXP-282



**Neon Blue**  
GFLXP-286



**DH White\***  
GFLXP-287

**\*This product cannot be layered.**



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# ThermoFlex® Fashion Patterns



## FABRICS

Cotton, Uncoated Polyester, Acrylic, and similar fabrics - **Excluding Nylon**

## SIZING

Rolls: Available Widths (in.): 12" & 18"  
Available Lengths (ft.): 15', 30', and 60' rolls  
Sheets: 12" x 15" only,  
Packs of 10 (one pattern)

## THICKNESS

2.4 mils/60 microns

Bright, vibrant, and soft. Has a slight stretch and rebound. Easy to cut and weed.  
Now, comes on a pressure-sensitive carrier for easy weeding.  
With more than 200 unique patterns and new ones on the way, check [SpecialtyMaterials.com](http://SpecialtyMaterials.com) for the complete collection.

### SPECIAL PRECAUTIONS

\*We do not recommend layering anything on this product.

### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade



### TEMPERATURE

305°F



### PRESSING | TIMING

Medium pressure | 8-10 seconds



### PEELING

Peel hot or warm



### WASHING

Wash inside out, gentle cycle, cold water, and tumble dry. Not suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



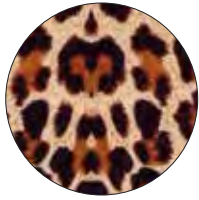
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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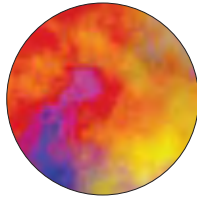
# ThermoFlex® Fashion Patterns



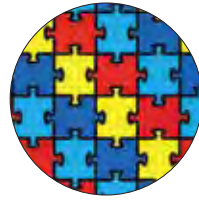
**Leopard**  
TFP-LEO 01



**Buffalo Plaid Red**  
TFP-PLD 01



**Rainbow Splash**  
TFP-RSP 01



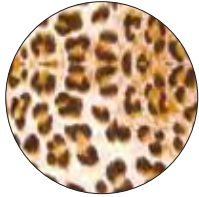
**Jigsaw Autism**  
TFP-AUT 01



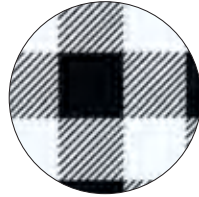
**Marijuana Green**  
TFP-HMP GRN



**New Benjamin**  
TFP-BENJ 01



**Cheetah**  
TFP-CHE 01



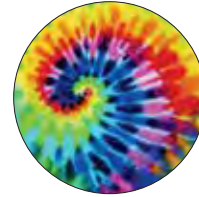
**Buffalo Plaid White**  
TFP-PLD WHITE



**Camo Green**  
TFP-CAM 01



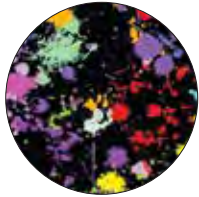
**Sunflower**  
TFP-SFL 01



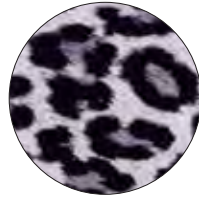
**Small Tie Dye**  
TFP-STD 01



**Cosmos**  
TFP-COS 01



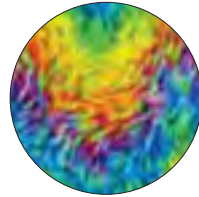
**Paint Splatter Black**  
TFP-SPL BLK



**Snow Leopard**  
TFP-LEO SNO



**Pastel Flowers**  
TFP-PFL 01



**Rainbow Fur**  
TFP-RFR 01



**Buffalo Plaid Green**  
TFP-PLD 02



**Hundreds**  
TFP-HUN 01



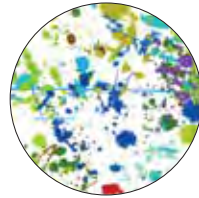
**Graffiti**  
TFP-GRF 01



**Mermaid Colored**  
TFP-MER COL



**Hearts Colorful**  
TFP-VAL 05



**Paint Splatter White**  
TFP-SPL WHT



**Forest Floor**  
TFP-FOR FLR



**Black Bandana**  
TFP-BAN BKWH



**Rainbow Zig Zag**  
TFP-RZZ 01



**Zebra**  
TFP-ZEB BKWH



**Camo Blue**  
TFP-CAM BLU



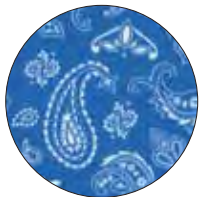
**Baseball**  
TFP-BBL 01



**Rainbow Stained Glass**  
TFP-RSG 01



**Roses/Leopard**  
TFP-ROS LEO



**Bandana Blue**  
TFP-BAN BLUWH



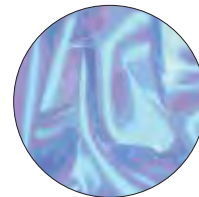
**Red/Black Bandana**  
TFP-BAN RWHBK



**Candy Cane**  
TFP-FP-USA 05



**American Stars**  
TFP-AST 01



**Silk Sheets Blue**  
TFP-SILK BLU



**American Flag**  
TFP-FP-USA 01



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## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Spandex, Wool, Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 14.5" & 19"  
Available Lengths (ft.): 15', 30', 60' & 90' rolls

## THICKNESS

12 mils/300 microns

Has the look and feel of carbon fiber. It can be used with **PLUS** & other lines to add value and pop to your designs. Faux engraved, printed patterns add dimension to your designs. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

You cannot layer anything on or beneath this material.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

Pressing onto thin fabric, you must put a PTFE sheet inside the garment to ensure the adhesive does not transfer to the other side.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

60° Blade Recommended



### TEMPERATURE

325°F



### PRESSING | TIMING

Medium pressure | 15 seconds



### PEELING

Peel cold



### WASHING

Cold water, gentle cycle, low heat.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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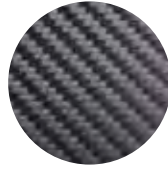
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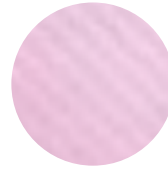
# TEXTURED CARBON FIBER



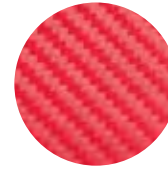
**White**  
CARB-100\*



**Black**  
CARB-236\*



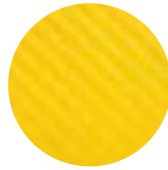
**Pink**  
CARB-307\*



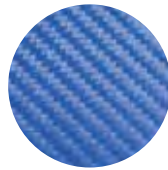
**Flame Red**  
CARB-315\*



**Orange**  
CARB-333\*



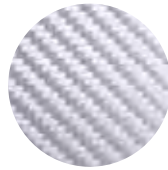
**Medium Yellow**  
CARB-450\*



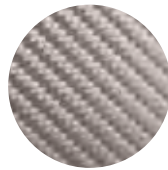
**Royal Blue**  
CARB-522\*



**Apple Green**  
CARB-625\*



**Silver**  
CARB-834\*



**Graphite**  
CARB-835\*

**\*This product cannot be layered.**



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# FASHIONFlex®



## FABRICS

Cotton, Uncoated Polyester, Cotton/Polyester Blends, Fabric Blends, Spandex, Wool, Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): Carbon Fiber: 19.5" only  
Brown Leather: 14.75" only  
Available Lengths (ft.): 15', 30', 45', 60', and 81' rolls

## THICKNESS

4.4 mils/110 microns

Add visual interest, unique design style, and that wow factor to your projects by adding **FASHIONFlex®** Carbon Fiber and Brown Leather.



### SPECIAL PRECAUTIONS

You cannot layer anything on top of the textured materials.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.

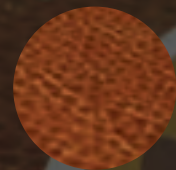


### TECH TIPS

Can be layered **on top** of ThermoFlex® products, such as **PLUS** and **XTRA**. Pressure-sensitive carrier enables easy weeding and repositioning.



Carbon Fiber  
FP-1080\*



Brown Leather  
FP-1303\*

### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



### TEMPERATURE

Brown Leather: 325°F-340°F  
Carbon Fiber: 315°F-330°F



### PRESSING | TIMING

Firm pressure | Brown Leather: 10-15 seconds | Carbon Fiber: 17-20 seconds



### PEELING | RE-PRESSING

Brown Leather: Peel cold  
Carbon Fiber: Peel warm | Re-press 2 seconds



### WASHING

Wash inside out with cool water and tumble dry.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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# DecoFILM® GLOSS



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, and similar fabrics - **Excluding Nylon**

## SIZING

Available Widths (in.): 12" and 20"  
Available Lengths (ft.): (12") 30', 60', 90', & 162' only  
(20") 15', 30', 45', 60', 90', & 162' rolls  
Sheets: 1 2" x 15" | Packs of 10 and 20

## THICKNESS

2.76 mils/70 microns

Eco-friendly polyurethane film that offers a luxurious shine. Polished on the surface to give it a glossy look that can also be layered. Smooth, durable, and can be used to cut fine-detailed designs. Pressure-sensitive carrier enables easy weeding and repositioning.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



### TEMPERATURE

284°F



### PRESSING | TIMING

Medium pressure | 8 seconds



### PEELING

Peel warm



### WASHING

Wash inside-out, cold water, gentle cycle, tumble dry low.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



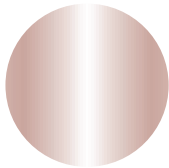
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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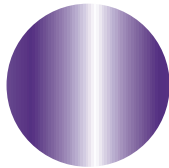
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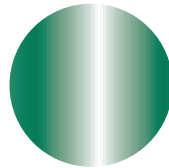
# DecoFILM® GLOSS



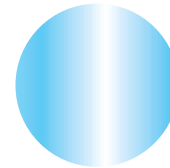
**Rose Gold**  
DFGL-RGD



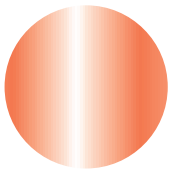
**Purple**  
DFGL-PUR



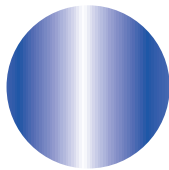
**Green**  
DFGL-GRN



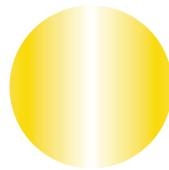
**Sky Blue**  
DFGL-SKY



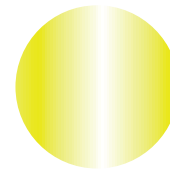
**Orange**  
DFGL-ORG



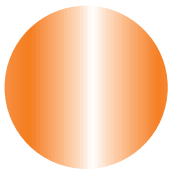
**Royal Blue**  
DFGL-RYL



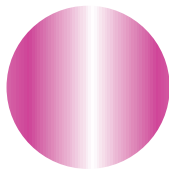
**Yellow**  
DFGL-YEL



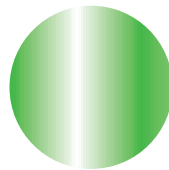
**Neon Yellow**  
DFGL-NEYEL



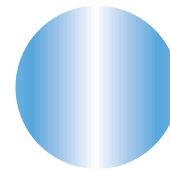
**Neon Orange**  
DFGL-NEORG



**Neon Pink**  
DFGL-NEPNK



**Neon Green**  
DFGL-NEGRN



**Neon Blue**  
DFGL-NEBLU



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# DecoFILM® Brilliants



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Wool, and Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 162' rolls

## THICKNESS

4 mils/100 microns

Add value to your fashion designs with the brilliant accent of reflective metals. The Brilliant styles offer a smoother, chrome-like surface that is dimensionally stable. Manufactured without the pressure-sensitive carrier for easy stacking.

**SPECIAL PRECAUTIONS**  
The material will not stretch or layer but **CAN** be sublimated, except Silver, Gold, Light Gold & Rose Gold. Brilliant Rainbow is slightly translucent and will take on the color of the garment, especially black and dark garments.

**COLOR VARIATION**  
During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



**MIRRORING**  
Cut this material into a mirror image.



\*This product can be sublimated [see special precautions for exact colors]

**CUTTING**  
45° Blade Recommended



**TEMPERATURE**  
310°F-330°F



**PRESSING | TIMING**  
Firm pressure | 10-15 seconds



**PEELING**  
Peel cold



**SUBLIMATION**  
Heat sublimation on top of the already pressed vinyl at 390°F for 30 seconds. \*Paper heat settings may differ.



**LASER COMPATIBLE**  
This product contains no PVC and will not emit hazardous fumes.



**WASHING**  
Hand wash only with cold water.



"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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# DecoFILM® Brilliants



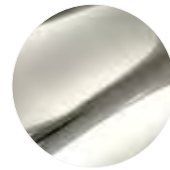
**Brilliant Rainbow**  
BR-5202\*



**Brilliant Aqua**  
BA-5203\*



**Brilliant Red**  
BR-5204\*



**Brilliant Silver**  
BS-5205\*



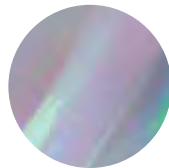
**Brilliant Fuchsia**  
BF-5206\*



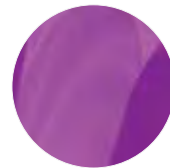
**Brilliant Orange**  
BO-5208\*



**Brilliant Royal Blue**  
BB-5209\*



**Brilliant Rainbow  
Opaque BRO-5210\***



**Brilliant Amethyst**  
BA-5211\*



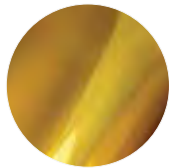
**Brilliant Pink**  
BP-5212\*



**Brilliant Green**  
BG-5213\*



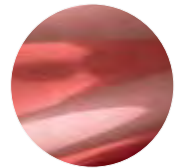
**Brilliant Clear**  
BC-5220\*



**Brilliant Gold**  
BG-5255\*



**Brilliant Light Gold**  
BG-5260\*



**Brilliant Rose Gold**  
BG-5265\*

\*Starred colors cannot be layered beneath anything and do not stretch.



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# DecoFILM® Supers



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Spandex, Wool, and Linen - Excluding Nylon

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15', 30', 45', 60', and 81' rolls

## THICKNESS

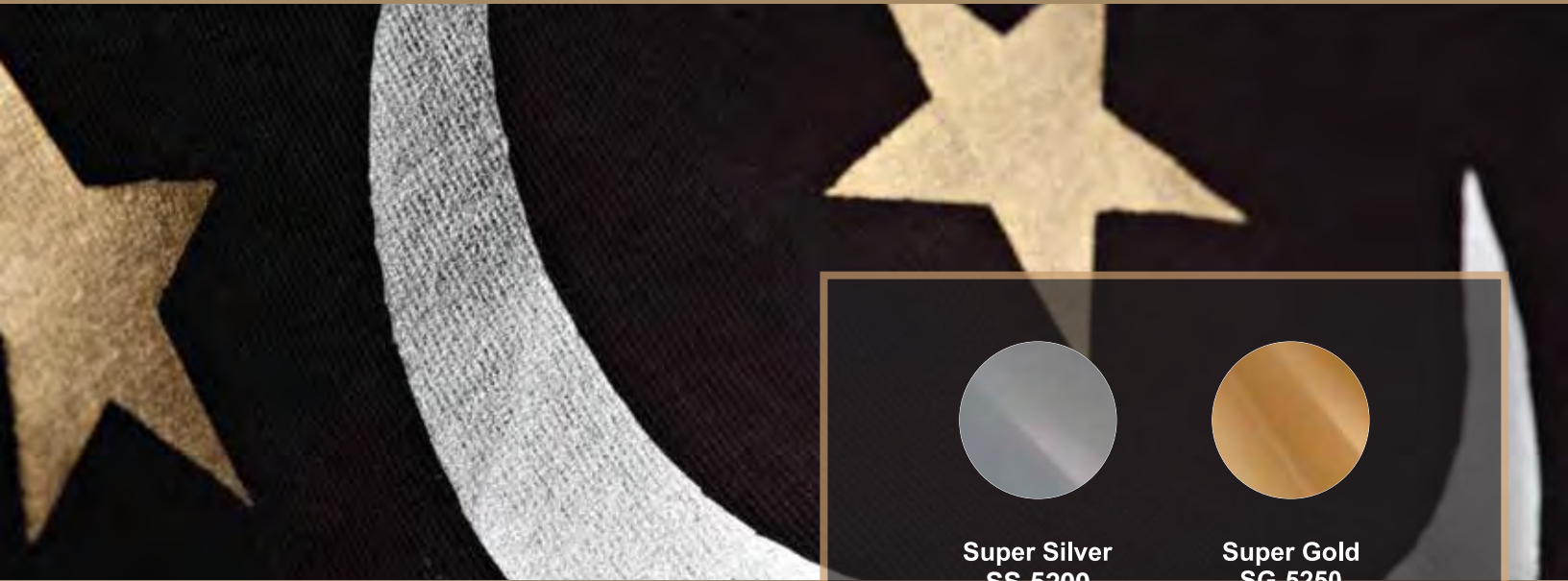
2.4 mils/60 microns

The Super styles offer a slightly softer hand and stretchability. Super Silver and Super Gold are Oeko-Tex Class II Certified. Manufactured without a pressure-sensitive carrier for easy stacking.



### SPECIAL PRECAUTIONS

Warning: To avoid color fading after washing, you must press the material with silicone paper for an additional 3 seconds; if not, the washing resistance is considerably reduced; therefore, any claims regarding color fading WILL NOT be acknowledged in the future.



Super Silver  
SS-5200



Super Gold  
SG-5250

### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



### TEMPERATURE

310°F-315°F



### PRESSING | TIMING

Firm pressure | 10-15 seconds



### PEELING

Peel cold



### WASHING

Wash inside out, gentle cycle, cold water, tumble dry low. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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# DecoFILM® Glitter Chameleon



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Wool, and Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): \*12" and 19.5"  
Available Lengths (ft.): (\*12") 30', 60', 90', & 162' (20") 15', 30', 45', 60', 90' & 162' rolls  
Sheets: 12" x 15" | Packs of 10 and 20

## THICKNESS

10.5 mils/260 microns

Has a color-shifting surface with a subtle glitter underlay. Make your designs stand out with this beautiful chameleon effect. Offers a smooth surface that is dimensionally stable. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

The slightly opaque material will not stretch or layer but can be sublimated. Please use a lint roller on your garment prior to pressing.



Red  
DFGCH-RED\*



Blue  
DFGCH-BLUE\*



Yellow  
DFGCH-YEL\*



Green  
DFGCH-GRN\*

### MIRRORING

Cut this material into a mirror image.



### CUTTING

60° Blade Recommended



### TEMPERATURE

300°F-320°F



### PRESSING | TIMING

Use a lint roller on your garment before pressing. Medium pressure | 10-15 seconds



### PEELING

Peel warm



### SUBLIMATION

Heat sublimation on top of the already pressed vinyl at 390°F for 30 seconds. \*Paper heat settings may differ.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



### WASHING

Wash inside out, gentle cycle, cool/warm water, line or air dry.



"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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# DecoFILM® Brilliant Chameleon



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Wool, and Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15', 30', 45', 60', & 90' rolls

## THICKNESS

4 mils/100 microns

Add value to your fashion designs with the brilliant accent of reflective metals. Gives off a beautiful iridescent shimmer with alternate looks on different garment colors. Offers a smooth, chrome-like surface that is dimensionally stable. Pressure-sensitive carrier enables easy weeding and repositioning.



### SPECIAL PRECAUTIONS

The material will not stretch or layer but can be sublimated.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

The material is not opaque, and the effect will change depending on your garment color. (see website for more pictures)



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



### TEMPERATURE

300°F-320°F



### PRESSING | TIMING

Use a lint roller on your garment before pressing. Medium pressure | 10-15 seconds



### PEELING

Peel warm



### SUBLIMATION

Heat sublimation on top of the already pressed vinyl at 390°F for 30 seconds. \*Paper heat settings may differ.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



### WASHING

Wash inside out, gentle cycle, cool/warm water, line or air dry.



"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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# DecoFILM® Brilliant Chameleon



These are shown with a comparison for Light and Dark Garments



**Blue**  
BCHAM-03\*



**Pink**  
BCHAM-04\*



**Violet**  
BCHAM-05\*



**Orange**  
BCHAM-06\*



**Green**  
BCHAM-07\*



**Red**  
BCHAM-08\*



**Neon Rainbow Green**  
BCHAM-NR-20\*



**Neon Rainbow Yellow**  
BCHAM-NR-22\*



**Neon Rainbow Orange**  
BCHAM-NR-24\*



**Neon Rainbow Light Pink**  
BCHAM-NR-26\*



**Neon Rainbow Blue**  
BCHAM-NR-28\*



**Neon Rainbow Purple**  
BCHAM-NR-30\*



**Neon Rainbow White**  
BCHAM-NR-32\*

These products cannot be layered and do not stretch.



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# DecoFILM® Soft Metallics



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Wool, Linen - **Excluding Nylon, treated or dyed garments**

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 162' rolls

## THICKNESS

3 mils/75 microns

Offers a textured, chrome-like surface. Durable and easy to cut and weed.  
Add a fun unexpected metallic finish to your designs. The pressure-sensitive carrier allows easy repositioning.

### SPECIAL PRECAUTIONS

**! AFTER WASHING**, ALWAYS IRON INSIDE OUT - DO NOT IRON DIRECTLY ON THE FILM. WE DO NOT RECOMMEND LAYERING THIS MATERIAL. **Note: 1)** Re-pressing keeps the material looking consistent throughout wash cycles, but it will have more of a brushed metal appearance. **2)** Splices in rolls may cause the material to conform around the edges of splice tape, but this will not affect plotter cutting or the finished look. **3)** The **white** is translucent. **4)** The following colors **are translucent** in some areas, and garment color will show through **Green/Black Camo, Earthtone Camo, Grey Camo, and Blue/Black Camo**. **5)** The following colors **are slightly translucent** but do not appear to show garment color when pressed: **Rainbow Oil, Leopard Silver, and Leopard Gold**. **6)** The **Holoshine** colors have a horizontal line going down the middle of the roll, and a vertical line occurs every 29.5". This is part of the manufacturing process and is not a defect.

### CV COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



**TEMPERATURE**  
302°F-320°F



### PRESSING | TIMING

Firm pressure | 7-8 seconds



### PEELING | RE-PRESS

Peel cold, cover with a PTFE sheet, and re-press for 3-5 seconds.



### WASHING

Wash inside out, gentle cycle, cold water, tumble dry, low heat.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



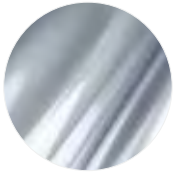
**"It's best to test!"** Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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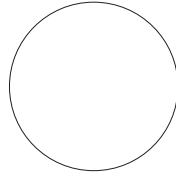
# DecoFILM® Soft Metallics



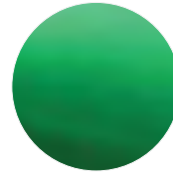
**Silver**  
DFSM-01



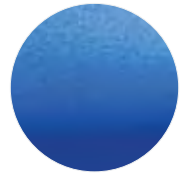
**Gold**  
DFSM-02



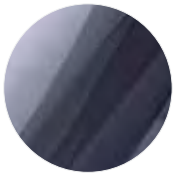
**White**  
DFSM-03



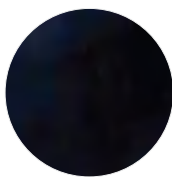
**Green**  
DFSM-04



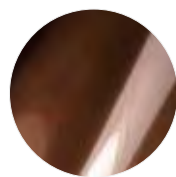
**Blue**  
DFSM-05



**Black**  
DFSM-06



**Matte Black**  
DFSM-07



**Brown**  
DFSM-08



**Red**  
DFSM-09



**Matte Red**  
DFSM-10



**Aqua**  
DFSM-13



**Cherry**  
DFSM-14



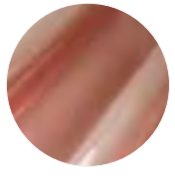
**Matte Silver**  
DFSM-15



**Charcoal**  
DFSM-16



**Light Brown**  
DFSM-17



**Rose Gold**  
DFSM-20



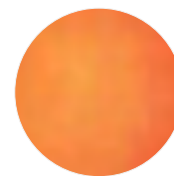
**Pink**  
DFSM-22



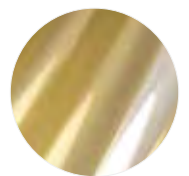
**Purple**  
DFSM-23



**Copper**  
DFSM-24



**Burnt Orange**  
DFSM-25



**Light Gold**  
DFSM-32



**Plaid**  
DFSMP-101



**Cheetah**  
DFSMP-102



**Snake**  
DFSMP-103



**Fuzzy**  
DFSMP-104



**Leopard Silver**  
DFSMP-116



**Leopard Gold**  
DFSMP-117



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**Rainbow Multi DFSMP-114**



**Rainbow Round DFSMP-115**



**Rainbow Galaxy Stripes DFSMP-129**



**Green/Black Camo  
DFSMP-109**



**Rainbow Camo  
DFSMP-110**



**Earhttone Camo  
DFSMP-111**



**Grey Camo  
DFSMP-112**



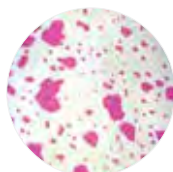
**Blue/Black Camo  
DFSMP-113**



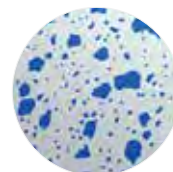
**Silver Roses  
DFSMP-118**



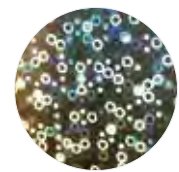
**Gold Roses  
DFSMP-119**



**Pink Splash  
DFSMP-120**



**Blue Splash  
DFSMP-130**



**Bubble Gold  
DFSMP-121**



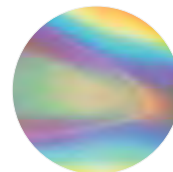
**Galaxy Silver  
DFSMP-122**



**Glass Silver  
DFSMP-123**



**Silver Holoshine  
DFSMP-124\***



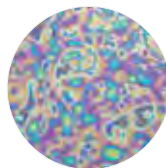
**Gold Holoshine  
DFSMP-125\***



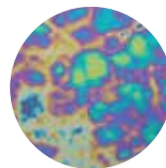
**Red Holoshine  
DFSMP-132\***



**Rainbow Oil  
DFSMP-126**



**Bubble Oil  
DFSMP-127**



**Marble Oil  
DFSMP-128**



**Flowers  
DFSMP-131**

**\* Please note: the Holoshine colors have a horizontal line going down the middle of the roll and a vertical line approximately every 29.5". This was part of the manufacturing process and is not a defect.**





# DecoFILM® Paint FX



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Spandex, Wool, Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 15" and 20"  
Available Lengths (ft.): 15', 30', 45', 60', and 90' rolls

## THICKNESS

4 mils/100 microns

Pearlescent transfer films that resemble the shimmer of new car paint. Easy to cut and weed. It can be used on sports and leisure wear. Pressure-sensitive carrier enables easy weeding and repositioning.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

45° Blade Recommended



### TEMPERATURE

310°F-330°F



### PRESSING | TIMING

Firm pressure | 17-20 seconds



### PEELING | RE-PRESS

Peel warm, cover with a PTFE sheet, and re-press for 2 seconds.



### WASHING

Wash inside out cold water, gentle cycle. Dry low heat. Suitable for dry-cleaning.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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# DecoFILM® Paint FX



**Pearl White**  
DFPX-5483



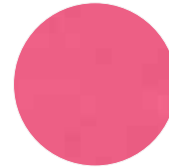
**Champagne**  
DFPX-5484



**Pink**  
DFPX-5485



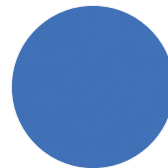
**Purple**  
DFPX-5486



**Watermelon**  
DFPX-5487



**Lime Yellow**  
DFPX-5488



**Cobalt Blue**  
DFPX-5489



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@Spcltymtrl



@Thermoflex



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# DecoSPARKLE®



## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 19.5" only  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 162' rolls

## THICKNESS

3-4 mils/75-100 microns

Holographic film that creates shimmering rainbow color effects. Dimensionally stable, durable, and weeds easily. Great for creating a 3-D rhinestone look.



### SPECIAL PRECAUTIONS

This product will NOT stretch or layer.



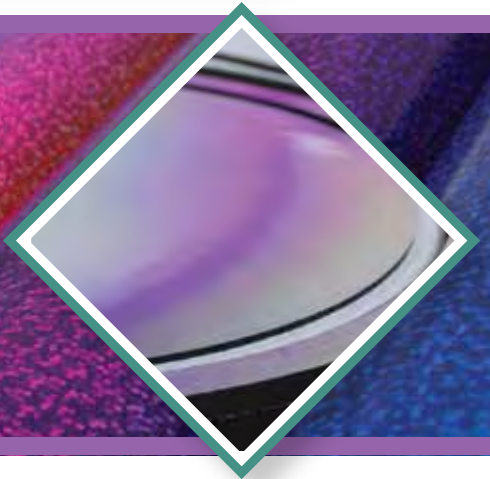
### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

Use DecoSPARKLE® for a look that lasts longer than rhinestones.



**MIRRORING**  
Cut this material into a mirror image.



**CUTTING**  
45° Blade Recommended with high pressure



**TEMPERATURE**  
300°F



**PRESSING | TIMING**  
Medium to firm pressure | 10-15 seconds



**PEELING**  
Peel cold



**WASHING**  
Wash inside out, gentle cycle, cold water, dry low heat. Suitable for dry-cleaning.



**LASER COMPATIBLE**  
This product contains no PVC and will not emit hazardous fumes.



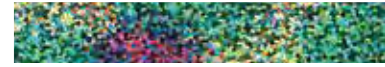
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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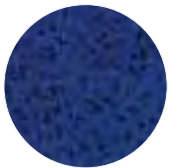
**Rainbow DS-5610\***



**Round Multi DS-5621\***



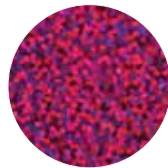
**Round Multi Silver DS-5625\***



**Royal Blue  
DS-5601\***



**Violet  
DS-5605\***



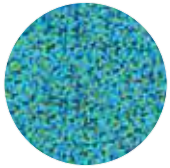
**Fuchsia  
DS-5606\***



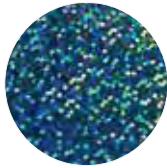
**Dark Pink  
DS-5607\***



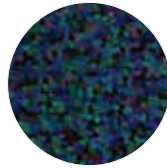
**Orange  
DS-5609\***



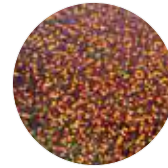
**Aqua  
DS-5611\***



**Sky Blue  
DS-5612\***



**Navy Blue  
DS-5613\***



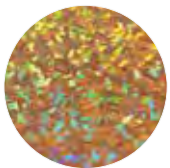
**Brown  
DS-5615\***



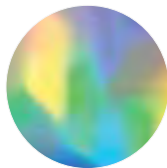
**Crystal Fuchsia  
DS-5616\***



**Crystal Silver  
DS-5617\***



**Crystal Gold  
DS-5618\***



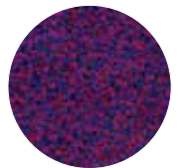
**Spectrum  
DS-5619\***



**Red  
DS-5620\***



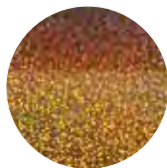
**Black  
DS-5630\***



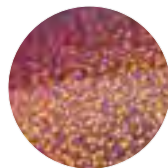
**Purple  
DS-5640\***



**Silver  
DS-5650\***



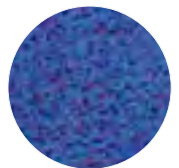
**Gold  
DS-5660\***



**Pink  
DS-5670\***



**Green  
DS-5680\***



**Blue  
DS-5690\***

**These products cannot be layered and do not stretch.**





# Textile Foils™



## FABRICS

Cotton, Uncoated Polyester, Cotton/Polyester Blends, Polyester/Acrylic - Excluding Nylon

## SIZING

Available Widths (in.): 12.5" only  
Available Lengths (ft.): 25' rolls only

## THICKNESS

1 mil/23 microns

For those who love the look of foils, check out Textile Foils™!

We have a huge selection of full-color and unique holographic and pattern foils.

Foil transfers can be standout details for any t-shirt designer who wants an eye-catching design element.

Foils are part of a two-step process that requires laying down an adhesive product before adhering. We have SMCCH-100 plotter-cut adhesive that Textile Foils™ are compatible with.



## SMCCH-100

For use with our Textile Foils™, SMCCH-100 is **linerless** with a clear, pressure-sensitive carrier that enables easy weeding and repositioning.

### FABRICS

Cotton, Uncoated Polyester, Cotton/Polyester Blends, Polyester/Acrylic - Excluding Nylon

### SIZING

Available Widths (in.): 20" only  
Available Lengths (ft.): 15', 30', 45', 60', 75', 90', and 162' rolls

### THICKNESS

2.4 mils/60 microns



Clear SMCCH-100



### MIRRORING

SMCCH -100 - Cut this material into a mirror image with the smooth side down.



### CUTTING

SMCCH-100 - 45° Blade with very low pressure.



### TEMPERATURE

300°F



### PRESSING | TIMING

SMCCH-100 - Medium pressure | 5 seconds



### PEELING

SMCCH-100 - Peel hot



### FOIL STEPS | PRESSING | TIMING | PEELING

Place foil over the SMCCH-100, cover with PTFE sheet & press for 10 seconds. Rub with cloth, let cool completely, then peel.



### WASHING

Wash inside out, gentle cycle, cold water, and line dry. Not suitable for dry-cleaning.



### NOT LASER COMPATIBLE

This product contains PVC and will emit hazardous fumes.



"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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# Textile Foils™



**Bright Gold**  
TF-HC



**Yellow Gold**  
TF-H4



**Silver Gold**  
TF-HM



**Clear**  
TF-T3



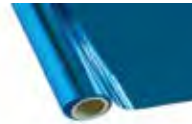
**Bright Silver**  
TF-S5



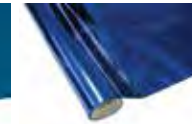
**Chrome**  
TF-SA



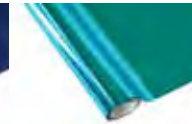
**Nickel**  
TF-SC



**Blue**  
TF-B3



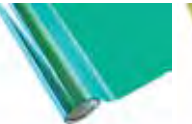
**Dark Blue**  
TF-B4



**Teal**  
TF-BA



**Navy Blue**  
TF-BD



**Seafoam**  
TF-BF



**Pearl**  
TF-CB



**Orange**  
TF-EB



**Pumpkin**  
TF-EC



**Terra Cotta**  
TF-ED



**Matte Sunset**  
TF-EF



**Green**  
TF-N1



**Peridot**  
TF-NA



**Kiwi**  
TF-NE



**Pink**  
TF-P1



**Magenta**  
TF-PA



**Red**  
TF-R4



**Amethyst**  
TF-V2



**Midnight Purple**  
TF-VE



**Burnt Sienna**  
TF-WC



**Rainbow**  
TF-MCAA01



**Marble**  
TF-B0AC01



**Striations**  
TF-R1AE01



**Grand Prix**  
TF-K0AJ01



**Tie Dye**  
TF-B3AL01



**Silver Zebra**  
TF-S5ZBRA



**Clear Zebra**  
TF-T3ZBRA



**American**  
TF-MCAA08



**Water**  
TF-BGAB01



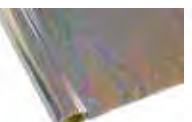
**Red Marble**  
TF-R0AC01



**Orange Striations**  
TF-G0AE01



**Gold Sequins**  
TF-G0HP65



**Silver Sequins**  
TF-S0HP65



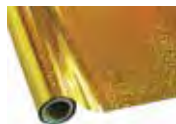
**Blue Pebbles**  
TF-B3K101



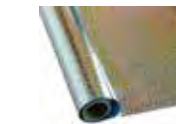
**Gold Waterfall**  
TF-G0K114



**Silver Waterfall**  
TF-S0K114



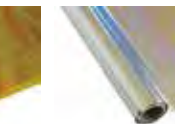
**Gold Stars**  
TF-G0K162



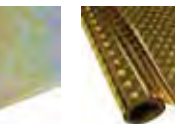
**Silver Stars**  
TF-S0K162



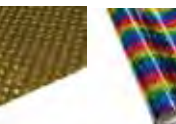
**Gold Weave**  
TF-G0K219



**Silver Weave**  
TF-S0K219



**Gold HoloSphere**  
TF-G0K248



**Rainbow Lines**  
TF-MCK271



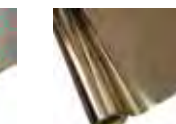
**Gold Champagne**  
TF-G0KP24



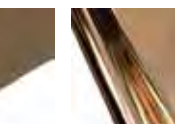
**Silver Champagne**  
TF-S0KP24



**Oil Metallic**  
TF-S0LS04



**Antique Gold**  
TF-HJ



**Rose Gold**  
TF-HN



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# LUMINOUS Flex™



## FABRICS

Cotton, Uncoated Polyester, Cotton/Polyester Blends, Polyester/Acrylic Blends, Linen, Wool - **Excluding Nylon**

Great for club wear and promotional garments. Layer over our ThermoFlex® lines for a unique appearance.

## SIZING

### LF-4790 & LF-4791

Available Widths (in.): 15" and 20"  
Available Lengths (ft.): (15") 15', 30', 45', 60', 75' & 90' rolls  
(20") 15', 30', 60', & 90' rolls

### Neon & White

Available Widths (in.): 12"  
Available Lengths (ft.): 30', 60', 90', and 162' rolls  
Sheets: 12"x15" | Packs of 10 & 20  
Available Widths (in.): 20"  
Available Lengths (ft.): 15', 30', 45', 60', 90', and 162' rolls

## THICKNESS

**LF-4790:** 11.6 mils/290 microns

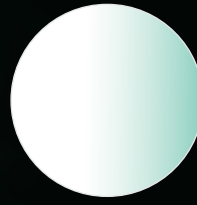
**LF-4791:** 5.9 mils/150 microns

**Neon/White:** 4.7 mils/120 microns

**LF-4790** is manufactured without a pressure-sensitive carrier for easy stacking. The remaining have a pressure-sensitive carrier for easy weeding and repositioning. Pressure-sensitive carrier enables easy weeding and repositioning.

## SPECIAL PRECAUTIONS

Not recommended as a bottom layer. **LF-4790** will NOT stretch. **LF-4791** has a slight stretch.



White  
GID-WHITE



Neon Orange  
GID-NEORG



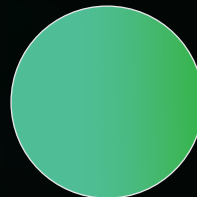
Neon Yellow  
GID-NEYEL



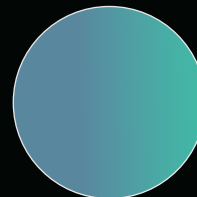
Luminous Flex™  
LF-4790



Luminous Flex™  
(Blue Carrier)  
LF-4791



Neon Green  
GID-NEGRN



Neon Blue  
GID-NEBLU



Neon Pink  
GID-NEPNK

### MIRRORING

Cut this material into a mirror image.



### TEMPERATURE

LF-4790: 320°F | All others: 300°F



### CUTTING

LF-4790: 60° Blade  
All others: 45° Blade



### PRESSING | TIMING

Medium to firm pressure | LF-4790: 15 seconds | LF-4791: 12 seconds | Neon/White: 8 seconds



### PEELING

Peel warm



### WASHING

Wait 24 hours before the first wash. Wash inside out, gentle cycle, warm water, tumble dry, low heat. Not suitable for dry-cleaning. No Bleach. Do not iron with steam or directly onto the material.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



"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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# REFLECTION PROTECTION™



## FABRICS

**RF-9501:** Nylon and other heat-sensitive fabrics  
**RF-9505:** Cotton and cotton-blend fabrics - **Excluding Nylon**

## SIZING

Available Widths (in.): 19" only  
Available Lengths (ft.): 15', 30', 45', 60', 75', 90', & 162' rolls

## THICKNESS

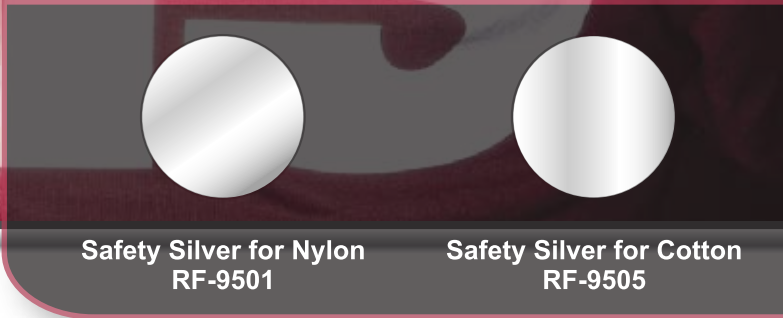
**RF-9501:** 6.2 mils/155 microns  
**RF-9505:** 5.6 mils/140 microns

Both Safety Silvers are certified safety reflective, producing a maximum reflectivity of 675 candelas/lux/square meter. Each consists of tiny glass beads embedded in a layer of polyester film, manufactured without the pressure-sensitive carrier for easy stacking.



### SPECIAL PRECAUTIONS

**REMOVE** the heat liner before plotting. Will **NOT** stretch or layer. **DO NOT** cut and let sit for more than 3 hours, or it will separate from the carrier.



### MIRRORING

Cut this material into a mirror image.



### CUTTING

**REMOVE** the heat liner before plotting | 60° Blade with slow cutting speed



### TEMPERATURE

RF-9501: 320°F | RF-9505: 250°F-275°F



### PRE-PRESS | PRESSING | TIMING

Firm pressure | Pre-press garment for 5 seconds, then press design for 3-5 seconds.



**RF-9501:** Carefully peel warm, cover with a PTFE sheet and re-press for 10-15 seconds at 320°F. Let cool, then remove the PTFE sheet. | **RF-9505:** Carefully peel cold, cover with a PTFE sheet and re-press for 5-10 seconds.

### WASHING

**RF-9501:** Wash inside out, warm water, gentle cycle. Tumble dry, low heat. Suitable for dry-cleaning. | **RF-9505:** Hot water and dry-cleaning safe.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



**"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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## FABRICS

Cotton, Uncoated Polyester, Fabric Blends, Spandex, Wool, Linen - **Excluding Nylon**

## SIZING

Available Widths (in.): 19" only (Chameleon Reflective Black 17.5" only)  
Available Lengths (ft.): 15', 30', 45', 60', 75', 90', and 162' rolls

## THICKNESS

Chameleon Black: 7.2 mils/180 microns  
RD (300 Series): 7.5 mils/190 microns

One product that gives you visual impact day or night? Absolutely! That's **REFLECTION DECORATION™**. Use for nighttime visibility and brilliance in the spotlight. RD consists of tiny glass beads embedded in a layer of polyester film. The RD 300 Series has a sticky carrier and is easy to weed.



### SPECIAL PRECAUTIONS

Will **NOT** stretch or layer. Please note that the darker the color, the lower the reflectivity.



### COLOR VARIATION

During manufacturing, color variation can occur between rolls. This is especially true for Neon colors.



### TECH TIPS

300 Series and Chameleon Reflective Black: **NO PROTECTIVE LINER TO REMOVE.**



### MIRRORING

Cut this material into a mirror image.



### CUTTING

60° Blade Recommended (slow cutting speed)



### TEMPERATURE

300°F



### PRESSING | TIMING

Firm pressure | 8 seconds



### PEELING

Peel **HOT!** | Wait 2-3 seconds, then peel.



### WASHING

Wash inside-out. Warm water, normal cycle. Tumble low heat. No bleach. Not suitable for dry-cleaning or steam cleaning. Do not iron directly onto the reflective vinyl.



### LASER COMPATIBLE

This product contains no PVC and will not emit hazardous fumes.



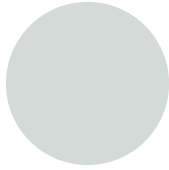
"It's best to test!" Pre-test on an inconspicuous area before applying final production. Some garments require pre-heating and treatment, such as blotting moisture-wicking material with rubbing alcohol, before pressing the material. Dye migration may occur with low-energy dyes in polyester and blend 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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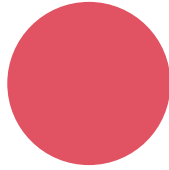
Tech Help: [tech@specialtymaterials.com](mailto:tech@specialtymaterials.com) | Sample Request: [samples@specialtymaterials.com](mailto:samples@specialtymaterials.com)



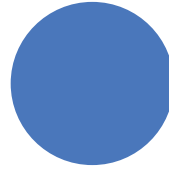
# REFLECTION DECORATION™



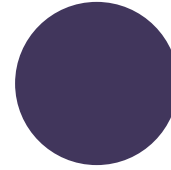
**Silver**  
RD-300



**Tomato Red**  
RD-301



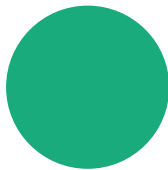
**Royal Blue**  
RD-302



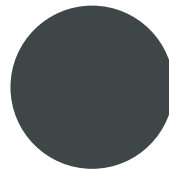
**Chameleon  
Reflective Black**  
RMSK-12005H



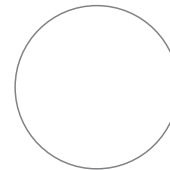
**Dark Yellow**  
RD-303



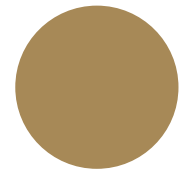
**Green**  
RD-304



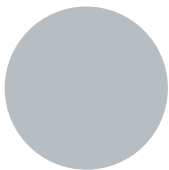
**Black**  
RD-305



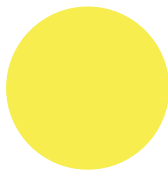
**White**  
RD-306



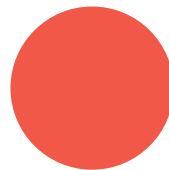
**Gold**  
RD-307



**Grey**  
RD-309



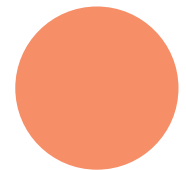
**Neon Yellow**  
RD-310



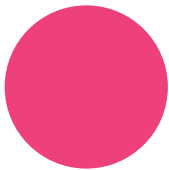
**Neon Red**  
RD-311



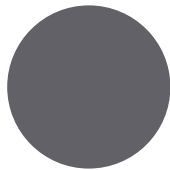
**Neon Green**  
RD-312



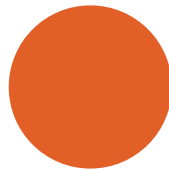
**Neon Orange**  
RD-313



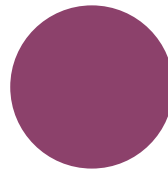
**Neon Pink**  
RD-314



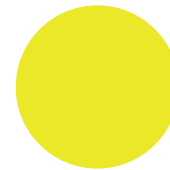
**Dark Grey**  
RD-324



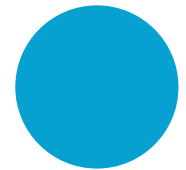
**Orange**  
RD-325



**Violet**  
RD-326



**Lemon Yellow**  
RD-327



**Light Blue**  
RD-328



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# RHINESTONE FLOCK



## SIZING

Available Widths (in.): \*12" Only  
Available Lengths (ft.): 15', 30', 75', and 150'

Adding rhinestones can add simplistic style, class, and elegance and take an article of clothing from ordinary to extraordinary. Getting them on the fabric has always been the tricky part. Enter **RHINESTONE FLOCK**.

## THICKNESS

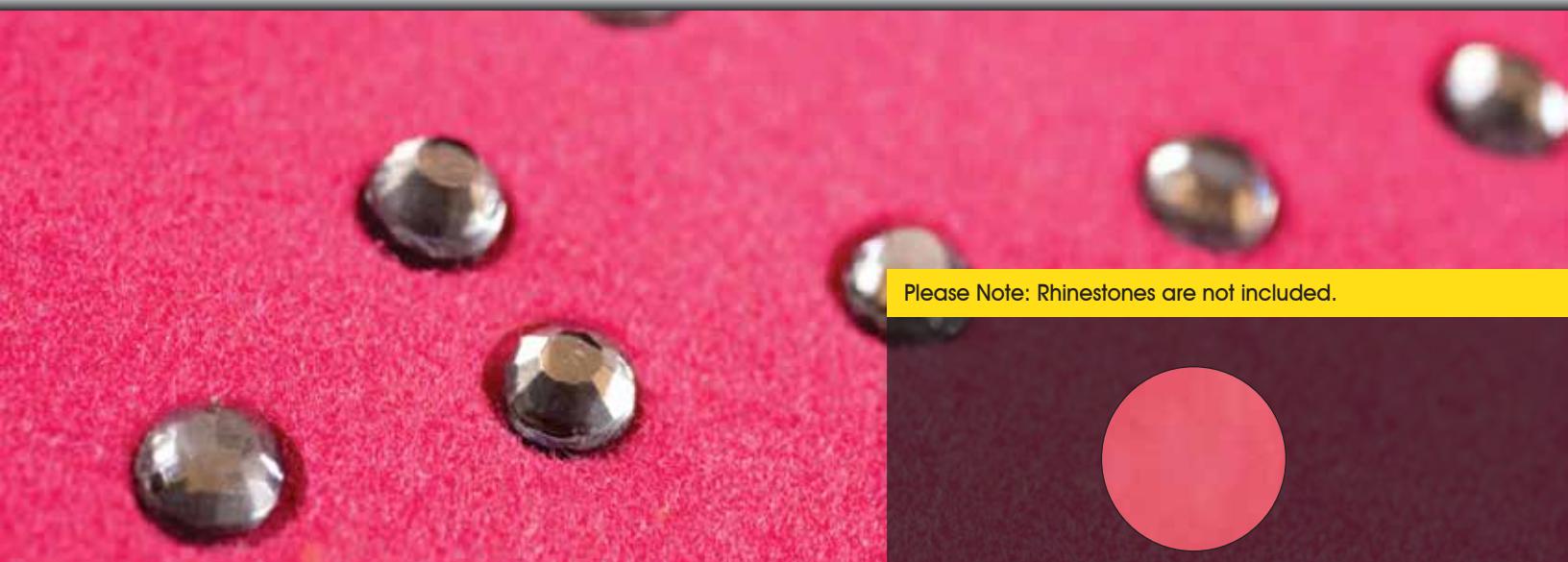
18 mils/450 microns  
(without liner)

**RF** is a self-adhesive, velvety soft material perfect for cutting rhinestone templates with any craft cutter. The flock is plush and easy to cut, and the sticky adhesive on the back allows this to be used and reused. The vivid pink makes it easy to see your rhinestones and sweep them into place!

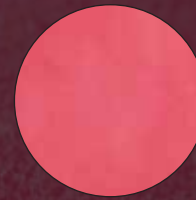
Save money by cutting your rhinestone templates with **RHINESTONE FLOCK!**

### SPECIAL PRECAUTIONS

Not recommended for washing. Not suitable for heat transfer. This product contains a thin layer of PVC, therefore it cannot be cut with a laser.



Please Note: Rhinestones are not included.



Coral Pink  
RHST-FLK

### MIRRORING

Cut this material in "right-reading."



### TRANSFER MASK

Use KTM-500 transfer mask to peel up rhinestone decal and heat press it to garment using rhinestone specifications.



### PEELING

Peel the corner of the flock, leaving the dots behind on the paper backing.



### CUTTING

60° Blade Recommended | Cut like other flock material but be careful not to cut through the backing paper.



### BACKBOARD

Place the template on a backboard or other hard surface to fill in with your rhinestones.



### NOT LASER COMPATIBLE

This product contains PVC and will emit hazardous fumes.

"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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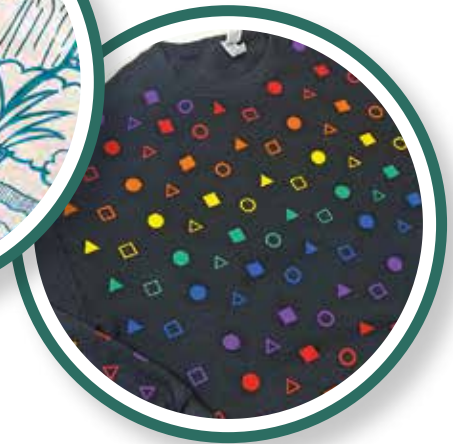
@Spcltymtrl



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**"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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# Digital Decoration Accessories®



## MINI-TEES

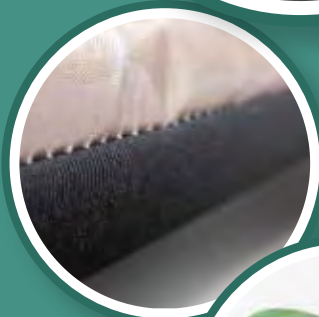
Air Force Blue	T-560	Kelly Green	T-633
Aqua Blue	T-534	Mustard	T-650
Aqua Green	T-601	Orange	T-333
Azalea	T-71C	Purple	T-584
Black	T-236	Red	T-301
Carolina Blue	T-109C	Royal Blue	T-522
Coral	T-310	Texas Orange	T-166
Crimson	T-201	White Cotton	T-100
Grey	T-150	White Polyester	T-100P
		Yellow	T-450



Use these Polytetrafluoroethylene (PTFE) coated **Heat Press Pillows** to equalize the pressure around seams, zippers, and buttons.

5"x18"	HPP-5018
6"x8"	HPP-0608
10"x10"	HPP-1010
12"x14"	HPP-1214
16"x20"	HPP-1620
15"x15"	HPP-1515

Make sure your heat transfer gets consistent pressure for long-lasting adhesion. For your convenience, we also offer a package deal (**HPP 5PCK**) where you can purchase one of each size (excludes 15"x15").



Protect your heat press investment with our convenient **PTFE Platen Wraps**. This product has a non-stick surface to prevent damage to the heat-resistant foam on the bottom platen. Our wraps have stretchy sides to ensure a snug, even fit. Now available in multiple sizes to fit your press perfectly.



**ThermoTape®** - A silicone-based tape used to position multi-piece designs, such as names, numbers and more, before heat pressing. After pressing, the tape is removable without leaving any sticky residue. Roll Size: .35"x215'



**Weeding Tool** - Soft rubber grip for comfortable weeding. The sharp, curved tip allows for easy and precise weeding and picking even the most intricate designs.

Available: 10 or 20 pack



## TRS-PTFE Release Sheet

Sold as: single sheets  
Thickness: 3 mil or 5 mil  
Size available: 18"x 24"

## SRS-Siliconized Release Sheet

Size: 18"x18"  
Sold as: single sheets

## Transfer Tissue

Size: 11"x17"  
Sold as: packs of 10 or 250 sheets

Sold as: rolls  
Available Width: 24"  
Available Lengths: 15', 30', 60', & 150' rolls



# Helpful Tech Tips

## Adhesion Issues | Moisture-Wicking Fabrics

Some textile fabrics are coated or sprayed with a finishing agent that could affect the adhesion of heat transfer vinyl to the material's surface. A simple water drop test can help determine whether a surface needs pre-treatment.

Using a standard dropper filled with cold water, squeeze a single drop onto a flattened surface of the material. If the drop remains intact and is not absorbed by the fabric, a finishing agent is most likely present.

Spray the garment with isopropyl alcohol or gently rub the pressing area with a cloth dampened with alcohol. Prepress the area to remove excess moisture before pressing your design according to product instructions.

## ThermoFlex® Fashion Patterns

Following the peel instructions is most important. Deviating from the instructions can cause the design to rip when peeling or it can begin to lift off when peeling; this is caused by peeling either too hot or too cold. The material should be warm peeled; this means after you press it wait several seconds until the material is comfortable to touch but has not completely cooled off.

## Material Color is Being Transferred Outside of the Design

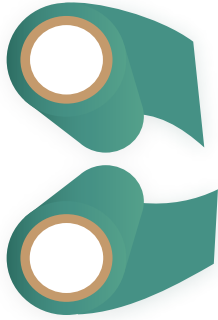
This can occur with the Deco**SPARKLE**® line and typically has to do with the operator's cutter not making good cuts; increasing the pressure of the blade should solve the problem. It should also be noted that most often the adhesive does not transfer with the colored portion of the material. Even though it may look like the material will transfer, it won't.

## Pre-Cut Designs

Often people will pre-cut their designs. For most of our materials we **DO NOT** recommend doing this as it may cause the design to peel off the carrier and become unusable. This is especially true for materials that have a static liner. The better option is to wait until as close to pressing as possible and cut the design and use the recommended transfer mask to hold the design onto the carrier until you are ready to press. The same can be said for materials that delaminate like GlitterFlex®**ULTRA** although it does not require a transfer mask. The best practice is to wait to cut the design until you are ready to press it. By doing so, you will achieve better results.

# How to Plotter-Cut Vinyl

## LOAD MATERIAL

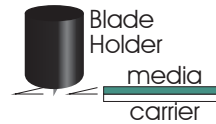
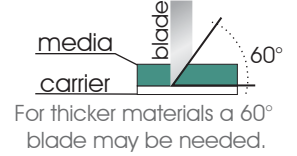
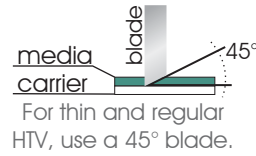


Most of our products are loaded from over the top

The exception is EconomyFlex®.



## CHOOSE BLADE



Load the blade so that the length of the blade shown is not longer than the media is thick.

## FORCE/PRESSURE

This setting determines how hard the blade comes down onto the material.

Outer square won't weed = Increase Force

Blade digging too far into carrier = Decrease Force

Weeds easily with a lightly scored carrier = Perfect!

## BLADE OFFSET

This setting determines how neatly the blade finishes edges and circles.



Offset is too high  
Need to decrease



Offset is too low  
Need to increase



Offset is perfect  
Do not change

## CUT SPEED

This setting determines how fast the design is cut out and is usually measured in centimeters per second.

Small intricate designs = Decrease cut speed

Large simple designs = Increase cut speed

- Please check your plotter manual for test cut instruction.
- Most plotters cut a circle with a square inside or a triangle with a square around it.
- The object is to have the outside shape weed easily while the inner shape stays on the carrier.

## SAVE ENERGY

- Trying to weed a poorly cut design takes more time than it would to perform a test cut.

## SAVE TIME

- Plotting incorrectly wastes material.
- Cutting too deep causes the blade and cut strip to wear out sooner.

## SAVE MONEY

"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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# Maintaining Your Plotter



## TECH TIPS

For all hardware-related issues with your plotter, please contact the manufacturer's tech support.

## Maintaining your blade

- Always make test cuts before plotting since digging too far into the cut strip below will dull it faster.
- Cutting glitter or flock can result in small bits of material sticking to the blade and up inside the blade holder. This may cause inconsistent cuts. Cleaning the blade and holder with compressed air can extend their lifespan.
- Some materials can cause more wear and tear on your blade, like reflective and glitter. Keep in mind you will have to change the blade more often when working with these materials.
- Keeping extra blades on hand is a worthwhile, time-saving investment.

## Signs of a dull blade

- The test cut edges look the same no matter how you adjust the offset.
- Stretchable materials will snag and have perforated cut lines.
- Cuts will be inconsistent in general and may have uncut segments.

## The Blade Holder

- The blade holder is what allows the blade to spin freely in all directions as it cuts.
- If the blade is sharp and the cut strip is not damaged, but there are still problems with cutting, the blade holder could be to blame.
- To remedy the above issue - take the blade out and clean the inside with rubbing alcohol and blast with compressed air. If this does not work, replace the blade holder.

## Pinch Rollers

- The pinch rollers hold down the media and also rolls it back and forth while cutting.
- Unclamp the rollers when you are done plotting. This will release the tension on the rollers.
- Rollers can accumulate grit from the material, but can be easily cleaned with rubbing alcohol.
- If the rollers are not seating down right, they may need to be looked at by a technician.

## The Cut Strip

This is the second most replaced part of your machine!

- This is the strip that lies directly underneath the sharp end of the blade and runs the entire width of the cut space.

### When to replace:

- Cutting too far into the strip over time can cause gouges.
- This can cause shallow and inconsistent cuts along the same point on the strip.

### For longer wear:

- Only use enough blade force to cut the material and score the carrier.

If you **take care** of your plotter, your plotter will **take care** of you for many years to come.

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NEW, INNOVATIVE & HIGH-QUALITY  
**PRODUCTS.**  
LIMITLESS SOLUTIONS.  
**ENHANCING**  
CREATIVITY AND QUALITY.



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