

SERVICE SELECTION RELIABILITY



THE **POWER** OF **Fdc**  
GRAPHIC FILMS, INC.

SIGN & DIGITAL MEDIA

## *Thermal Advantage™ Color Selector*



# **FDC**®

*Spring 2014*

*Heat Transfer Films For Textiles*

# Thermal Advantage™

## 9000 Opaque

Film Technology - Polyurethane  
Mil - 3.5  
Peel - Hot  
Mask Required - No

\* Glow In The Dark

Color Number/Name	Color Number/Name	Color Number/Name	Color Number/Name
002 White	268 Fireworks	257 Lime Green	011 Dark Blue
048 Camel	056 Hot Pink	247 Vibrant Green	074 Royal Purple
182 Sunbeam Yellow	001 Red	106 Medium Green	260 Desert Taupe
025 Sunflower	060 Bright Cardinal Red	170 Dark Forest Green	008 Brown
006 Yellow	023 Deep Red	190 Cool Water	028 Dove Grey
133 Tangerine	012 Burgundy	018 Olympic Blue	003 Black
280 Light Pink	159 Wineberry	108 Peacock	007 Silver
076 Magenta	137 Deep Purple	130 Teal Blue	004 Gold
253 Lilac	036 Lite Green*	005 Blue	

## 9003 Premium Opaque

Film Technology - Polyurethane  
Mil - 3.5  
Peel - Hot  
Mask Required - No

002 White	001 Red	074 Royal Purple	028 Dove Gray
006 Yellow	005 Blue	003 Black	007 Silver
133 Tangerine			

## 9001 Fluorescent

Film Technology - Polyurethane  
Mil - 3.9  
Peel - Hot  
Mask Required - No

006 Yellow	076 Magenta	069 Green
009 Orange	057 Raspberry	005 Blue

# Thermal Advantage™

## 9002 Jersey Opaque

Film Technology - PVC  
Mil - 6.5  
Peel - Cold  
Mask Required - No

Color Number/Name	Color Number/Name	Color Number/Name	Color Number/Name
002 White	060 Bright Cardinal Red	005 Blue	007 Silver
025 Sunflower	012 Burgundy	028 Dove Grey	004 Gold
133 Tangerine	106 Medium Green	003 Black	

## 9100 Reflective

Film Technology - Retroreflective  
Mil - 5.9  
Peel - Hot  
Mask Required - No

\* Remove clear protective liner  
before processing

067 Primrose Yellow	009 Orange	007 Silver	003 Black
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## 9105 Glitter

Film Technology - PVC  
Mil - 12.8  
Peel - Cold  
Mask Required - No

\* Translucent color, for use  
on white or light colors

007 Silver	008 Brown	074 Royal Purple	017 Sapphire Blue
271 Black Diamond	273 Fool's Gold	164 Amethyst	192 Neptune
195 Onyx	001 Red	075 Lavender	257 Lime Green
272 Multi Platinum	160 Dark Magenta	003 Black	106 Medium Green
205 Aztec Gold	163 Pink	005 Blue	024 Dark Green
004 Gold	198 Vivid Rose	191 Aquamarine	
274 Burnt Orange	057 Raspberry*	030 Dark Blue	

# Thermal Advantage™

## Heat Transfer Films

### 9200 Flock

Color Number/Name

Color Number/Name

Color Number/Name

Color Number/Name

Film Technology - Nylon  
Mil - 14.0  
Peel - Cold  
Mask Required - No

002  
White

056  
Hot Pink

108  
Peacock Blue

168  
Plum

182  
Sunbeam Yellow

014  
Tomato Red

130  
Teal Blue

028  
Dove Grey

025  
Sunflower

060  
Bright Cardinal Red

005  
Blue

003  
Black

133  
Tangerine

106  
Medium Green

011  
Dark Blue

### 9300 Print Film

Film Technology - PVC  
Mil - 4.7  
Peel - Cold  
Mask Required - Yes

002  
Gloss White

### 9302 Print Film

Film Technology - PVC  
Mil - 3.5  
Peel - Cold  
Mask Required - No

000  
Clear (Matte)

300  
Ultra Clear (Gloss)

\* Remove pink protective liner  
before printing

### 9303 Print Film

Film Technology - Polyurethane  
Mil - 2.75  
Peel - Hot  
Mask Required - Yes

002  
Gloss White

049  
Matte White



# Thermal Advantage™

## Product Selector

Feature	9000 Opaque	9001 Fluorescent	9002 Jersey	9003 Premium Opaque	9100 Reflective	9105 Glitter	9200 Flock	9300 Print Film	9302 Print Film	9303 Print Film
<b>Film Technology</b>	Polyurethane	Polyurethane	PVC	Polyurethane	Retroreflec- tive	PVC	Nylon	PVC	PVC	Polyurethane
<b>Cotton</b>	X	X	X	X	X	X	X	X	X	X
<b>Polyester</b>	X	X	X	X	X	X	X	X	X	X
<b>Blend</b>	X	X	X	X	X	X	X	X	X	X
<b>Spandex</b>					X			X		X
<b>Leather</b>				X	X			X		
<b>Nylon</b>				X	X			X		
<b>Layerable</b>	X	X	X*	X	X	X	X*	X*		X
<b>Washability</b>	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent
<b>Printing</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Latex, Thermal Transfer, Solvent and Eco Solvent	Thermal Transfer, Solvent and Eco Solvent	Latex, Solvent and Eco Solvent

\*This film should be the top layer when used with compatible films.

# Thermal Advantage™

## Application Instructions

	Print/Cut, Weed	Preheat	Position	Cover	Press	Peel	Done				
	Reverse	Right Read									
Feature	9000 Opaque	9001 Fluorescent	9002 Jersey	9003 Premium Opaque	9100 Reflective	9105 Glitter	9200 Flock	9300 Print Film	9302 Print Film	9303 Print Film	
<b>9404 Print Mask Required</b>	No	No	No	No	No	No	No	Yes	No	Yes	
<b>Print/Cut, Weed</b>	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Reverse	Right Read	Reverse	Right Read	
<b>Preheat</b>	5 seconds	5 seconds	5 seconds	5 seconds	5 seconds	5 seconds	5 seconds	5 seconds	5 seconds	5 seconds	
<b>Temperature</b>	302° F	302° F	305° F	320° F	305° F	325° F	320° F	330° F	320° F	330° F	
<b>Pressure</b>	Medium	Medium	Medium	Light	Medium	Medium	Medium	Light	Medium	Medium	
<b>Time</b>	10 seconds**	10 seconds**	15 seconds	10 seconds**	5 seconds, peel hot, repress 5 seconds	10 seconds	15 seconds	12 seconds	10 seconds	15 seconds	
<b>Peel</b>	Hot	Hot	Cold	Hot	Hot	Cold	Cold	Cold	Hot	Hot	

Peel: Hot = Immediate, Warm = 5 seconds, Cold = 10 seconds

9404 Print Mask is a polyester mask designed to lift printable heat transfer films from their carrier and position them on textiles.

\*\*When layering this film, the first layer requires only 1 second to bond prior to applying another layer. The final layer should be pressed for the full time.

Information is provided for reference only. Please read each series Product Data Bulletin for complete information.



Spring 2014 • CC0149000-000

Price: \$5.00

Batch •



# Thermal Advantage™

## Heat Transfer Films

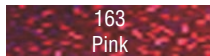
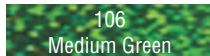
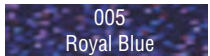
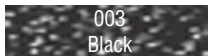
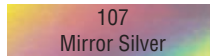
### 9004 Stretch Opaque

Film Technology - Polyurethane  
 Mil - 3.5  
 Peel - Hot/Cold  
 Mask Required - No



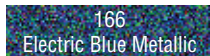
### 9106 Metal Flake

Film Technology - PVC  
 Mil - 4.3  
 Peel - Cold  
 Mask Required - No



### 9107 Hot Metallic

Film Technology - Polyurethane  
 Mil - 3.5  
 Peel - Hot/Cold  
 Mask Required - No






# Thermal Advantage™

## Product Selector

Feature	9004 Stretch Opaque	9106 Metal Flake	9107 Hot Metallic
Film Technology	Polyurethane	PVC	Polyurethane
Cotton	X	X	X
Polyester	X	X	X
Blend	X	X	X
Spandex	X		
Leather	X	X	X
Nylon			
Layerable	X		X
Washability	Excellent	Excellent	Excellent
Printing	N/A	N/A	N/A

## Application Instructions

	Print/Cut, Weed	Preheat	Position	Cover	Press	Peel	Done
							
Feature	9004 Stretch Opaque	9106 Metal Flake	9107 Hot Metallic				
9004 Print Mask Required	No	No	No				
Print/Cut, Weed	Reverse	Reverse	Reverse				
Preheat	5 seconds	5 seconds	5 seconds				
Temperature	305° F	320° F	305° F				
Pressure	Medium-Firm	Firm	Medium				
Time	15 seconds	10 seconds	10 seconds				
Peel	Hot or Cold	Cold	Hot or Cold				

Peel: Hot = Immediate, Warm = 5 seconds, Cold = 10 seconds

Information is provided for reference only. Please read each series Product Data Bulletin for complete information.



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Price: \$5.00

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