Lumina®
by FDC

FDC™
COUNT ON US

HEAT TRANSFER PRODUCT COLOR SELECTOR

SPRING 2018

FEATURING:

- Color Swatches
- Key Features
- Application Guide
- Product Details

ABOUT LUMINA

Lumina® is FDC's National Graphic Products Brand, offering more choices based on a proven range of sign, digital and heat transfer films, with price and performance competitive with the leading brands. Plus, Lumina is backed by the Service Advantages of FDC Graphic Films, Inc.

LUMINA SIGN

Lumina's complete Sign Vinyl product line features a wide array of colors and sizes for sign and vehicle applications. Our product reliability has been proven for three decades.

LUMINA DIGITAL

The Lumina Digital product line has your wide format printing needs covered. FDC offers a complete selection of Lumina brand banner, overlaminates, digital media and window films.

LUMINA HEAT TRANSFER (HTV)

Lumina's Heat Transfer Films for textiles and apparel markings represent the most popular choices available. HTV Films are offered in a range of opaque, fluorescent, patterned films plus digital print media.

LUMINA CRAFT

Lumina colored film products are available in custom sized sheets and small rolls.

ABOUT FDC

FDC is a Master Distributor and Converter. We source the top performing products from leading manufacturers and offer the right products in the sizes that are needed with on time, complete and error free shipments. Since 1988, FDC has been the Graphics Industry's premier service provider. Customers Count On Us to get it right, every time, one order at a time.

ON-TIME • COMPLETE • ERROR-FREE
FDC

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PREMIUM AND SPECIALTY HTV FILMS

9000 OPAQUE

002 White	**159** Wineberry	**008** Brown
048 Camel	**137** Deep Purple	**028** Dove Grey
182 Sunbeam Yellow	**036** Lite Green*	**003** Black
025 Sunflower	**257** Lime Green	**007** Silver
006 Yellow	**247** Vibrant Green	**004** Gold
133 Tangerine	**106** Medium Green	
280 Light Pink	**170** Dark Forest Green	
076 Magenta	**190** Cool Water	
113 Salmon Pink	**018** Olympic Blue	
253 Lilac	**139** Pale Blue	
268 Fireworks	**108** Peacock	
056 Hot Pink	**130** Teal Blue	
001 Red	**005** Blue	
060 Bright Cardinal Red	**011** Dark Blue	
023 Deep Red	**074** Royal Purple	
012 Burgundy	**260** Desert Taupe	

Your Go-To Heat Transfer Film! Works for most applications.

*Glows in the dark

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PREMIUM AND SPECIALTY HTV FILMS

9003 PREMIUM OPAQUE

- **002** White
- **006** Yellow
- **133** Tangerine
- **001** Red
- **005** Blue
- **074** Royal Purple
- **003** Black
- **028** Grey
- **007** Silver

9001 FLUORESCENT

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

Stand out with fluorescent colors Ideal for all types of team wear.

9002 JERSEY OPAQUE

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

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REFLECTIVE AND GLITTER FILMS

9100 REFLECTIVE

- **067** Primrose Yellow
- **009** Orange
- **007** Silver
- **003** Black

Use 9105 Series glitter films to create unique, eye-catching designs.

9105 GLITTER

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

*Translucent color, for use on white or light colors

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FLOCK, METAL FLAKE AND STRETCH FILMS

9200 FLOCK

- **002** White
- **182** Sunbeam Yellow
- **025** Sunflower
- **133** Tangerine
- **056** Hot Pink
- **014** Tomato Red
- **060** Bright Cardinal Red
- **106** Medium Green
- **108** Peacock Blue
- **005** Blue
- **011** Dark Blue
- **168** Plum
- **028** Dove Grey
- **003** Black

9106 METAL FLAKE

- **007** Silver
- **004** Gold
- **001** Cherry Red
- **003** Black
- **005** Royal Blue
- **106** Medium Green
- **163** Pink
- **009** Orange
- **191** Aquamarine
- **257** Cracked Silver

9004 STRETCH

- **002** White
- **006** Yellow
- **133** Tangerine
- **001** Red
- **106** Medium Green
- **005** Blue
- **003** Black
- **004** Gold
- **007** Silver

FDC 9004 Series is perfect for athletic clothing.

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HOT METALLICS AND PRINTED FILMS

9107 HOT METALLIC

006 Yellow

009 Orange

119 Red Metallic

160 Dark Magenta Metallic

165 Lavender Metallic

166 Electric Blue Metallic

020 Copper Metallic

004 Gold

007 Silver

9201 ANIMAL

003 Zebra

076 Pink Zebra

069 Green Zebra

009 Fluorescent Tiger

008 Leopard

047 Panther

179 Cobra

048 Python

Heat Transfer Patterns are great for crafters and do-it-yourselfers.

9202 CAMO

024 Army Camo

142 Camo

113 Pink Camo

138 Blue Camo

028 Grey Camo

008 Sand Camo

050 Grey Digital

068 Beige Digital

239 Blue Digital

170 Green Digital

174 Beige Oak

052 Grey Oak

136 Green Oak

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PRINTER PATTERNED FILMS

9203 GEOMETRIC

003 Black Chevron

017 Blue Chevron

001 Red Chevron

076 Pink Chevron

009 Orange Chevron

024 Green Chevron

061 Light Green Chevron

012 Black Large Chevron

042 Red Large Chevron

056 Pink Large Chevron

268 Houndstooth

124 Pink Polka Dot

040 Black Polka Dot

9204 TEXTURED

002 White Leather

049 White Carbon Fiber

001 Red Leather

008 Brown Leather

133 Basketball

040 Black Carbon Fiber

007 Silver Carbon Fiber

004 Gold Carbon Fiber

125 Red Carbon Fiber

005 Blue Carbon Fiber

Print films for (eco)-solvent, UV-curable and latex inks.

9300, 9302, 9304 PRINT FILM

9300 PRINT FILM

002 Gloss White

9302 PRINT FILM

000 Matte Clear

9304 PRINT FILM

049 Matte White

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THERMAL ADVANTAGE APPLICATION INSTRUCTIONS

FDC Series	9404 Mask Required	Print / Cut, Weed	Preheat	Temperature	Pressure	Time	Peel
9000 Opaque	No	Reverse	5 seconds	302° F	Medium	10 seconds**	Hot
9001 Fluorescent	No	Reverse	5 seconds	302° F	Medium	10 seconds**	Hot
9002 Jersey	No	Reverse	5 seconds	305° F	Medium	15 seconds	Cold
9003 Premium Opaque	No	Reverse	5 seconds	320° F	Medium	10 seconds**	Hot
9004 Stretch Opaque	No	Reverse	5 seconds	305° F	Medium	15 seconds	Hot
9100 Reflective	No	Reverse	5 seconds	305° F	Medium	5 seconds, peel hot, repress 5 seconds	Hot
9105 Glitter	No	Reverse	5 seconds	325° F	Medium	10 seconds	Cold
9106 Metal Flake	No	Reverse	5 seconds	320° F	Firm	10 seconds	Cold
9107 Hot Metallic	No	Reverse	5 seconds	305° F	Medium	10 seconds	Hot
9200 Flock	No	Reverse	5 seconds	320° F	Medium	15 seconds	Cold
9201 Animal	No	Reverse	5 seconds	315° F	Medium	15 seconds	Cold
9202 Camo	No	Reverse	5 seconds	315° F	Medium	15 seconds	Cold
9203 Geometric	No	Reverse	5 seconds	315° F	Medium	15 seconds	Cold
9204 Texture	No	Reverse	5 seconds	315° F	Medium	15 seconds	Cold
9300 Print Film	Yes	Right Read	5 seconds	330° F	Light	12 seconds	Cold
9302 Print Film	No	Reverse	5 seconds	320° F	Medium	10 seconds	Hot
9304 Print Film	Yes	Right Read	5 seconds	300° F	Medium	15 seconds	Warm

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.

Lumina® HEAT TRANSFER

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THERMAL ADVANTAGE PRODUCT SELECTOR

Feature	Film Technology	Thickness	CPSIA Compliant	Cotton	Polyester	Spandex	Leather	Nylon	Layerable	Washability	Printing
9000 Opaque	Polyurethane	3.5 mil.	Yes	x	x				x	Excellent	N/A
9001 Fluorescent	Polyurethane	3.9 mil.	Yes	x	x				x	Excellent	N/A
9002 Jersey	PVC	6.5 mil.	No	x	x				x*	Excellent	N/A
9003 Premium Opaque	Polyurethane	3.5 mil.	Yes	x	x		x	x	x	Excellent	N/A
9004 Stretch Opaque	Polyurethane	3.5 mil.	Yes	x	x	x	x		x	Excellent	N/A
9100 Reflective	Retro-reflective	5.9 mil.	Yes	x	x	x	x	x	x	Good	N/A
9105 Glitter	PVC	12.8 mil.	Yes	x	x				x	Excellent	N/A
9106 Metal Flake	PVC	4.3 mil.	Yes	x	x		x			Excellent	N/A
9107 Hot Metallic	Polyurethane	3.5 mil.	Yes	x	x		x		x	Excellent	N/A
9200 Flock	Nylon	14.0 mil.	No	x	x				x*	Excellent	N/A
9201 Animal	Polyurethane	2.4 mil.	No	x	x					Excellent	N/A
9202 Camo	Polyurethane	2.4mil.	No	x	x					Excellent	N/A
9203 Geometric	Polyurethane	2.4 mil.	No	x	x					Excellent	N/A
9204 Texture	Polyurethane	2.4 mil.	No	x	x					Excellent	N/A
9300 Print Film	PVC	4.7 mil.	No	x	x	x	x	x	x*	Excellent	Latex, Thermal Transfer, (Eco)-Solvent
9302 Print Film	PVC	1.8 mil.	Yes	x	x					Excellent	Thermal Transfer, Solvent, (Eco)-Solvent
9304 Print Film	Polyurethane	3.1 mil.	No	x	x	x				Good	Solvent, (Eco)-Solvent

*When used as top layer

South Bend, IN

Reno, NV

About FDC

FDC Graphic Films, Inc. is a trusted supplier of branded products for the Sign, Graphics, Craft and Apparel industries. The company is a Master Distributor, Converter and leading service provider of graphic film products sold through distribution.

Product Selection

FDC offers thousands of sizes and colors from a broad range of products and trusted brands, such as Lumina® By FDC, 3M, RTape and ASLAN specialty films. We make more products available from a single source than anyone else. Our selection includes wide format digital media and laminates, banner, sign films, application tapes and heat transfer vinyl. An extensive size offering, custom converting and large inventories make getting just the product you need easy. Our selection tools are convenient to use and utilizing real film swatches ensures customers get the right color for the job.

Great Locations

FDC ships from warehouses in South Bend, Indiana and Reno, Nevada. Together the two locations facilitate delivery to over 40 states and parts of Canada, with arrival in two days or less. Combine that with our quick shipment capabilities and FDC offers some of the shortest order to delivery times in the graphics business.

On-Time, Complete, Error-Free

For over 30 years FDC has been all about Service, Selection and Reliability. We built or reputation on it! Customers have grown to depend on the ready availability of thousands of products, many that ship on time, complete without errors, and with high fill rates in excess of 96%.

Our customer promise is that you can always Count on Us to provide a wide-selection of top-quality products and trusted brands that are consistently delivered "On-Time, Complete and Error-Free."

Count On Us

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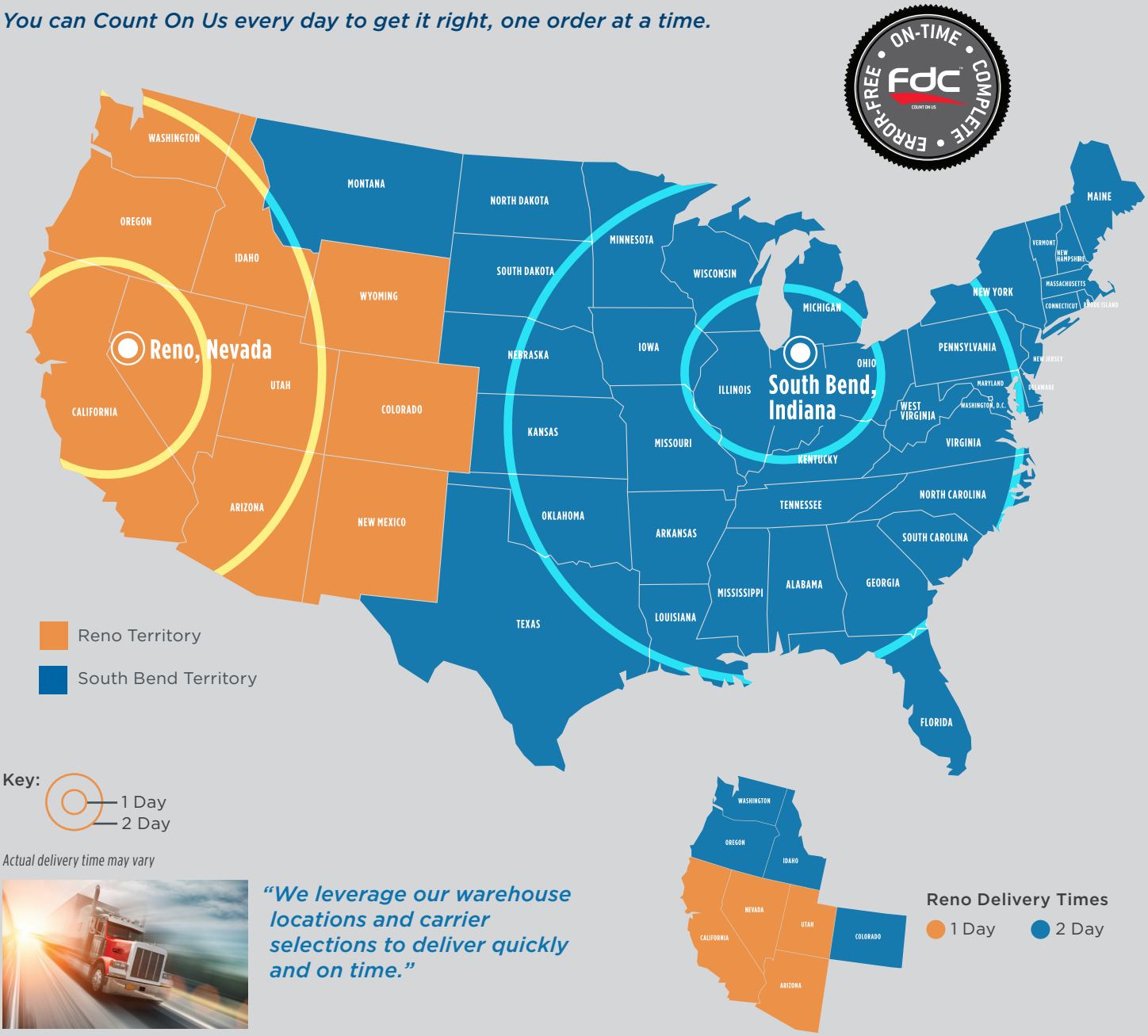
On-Time, Complete and Error-Free

FDC reaches 40 states and parts of Canada in two days or less with shipments from our two warehouses in South Bend, Indiana and Reno, Nevada. The addition of the Reno facility dramatically improves service to the West, reaching the 10 Western-most states in one or two days. Delivery to these states was typically four to six days previously.

Intensely managing the order to delivery process means that distributors get what they want, when they want. FDC measures reliability using a challenging performance standard called On-Time, Complete and Error-Free. This measure combines the three most important reliability factors into a single standard which FDC consistently scores at 96% or better.

Short order to shipment times, including same day shipping from both locations, conveniently located warehouses and aggressive carrier management makes FDC a great supplier of choice.

You can Count On Us every day to get it right, one order at a time.



Actual delivery time may vary

"We leverage our warehouse locations and carrier selections to deliver quickly and on time."

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HOW TO BUILD A PART NUMBER

0000-0000-000

THE FIRST FOUR DIGITS in our part numbers identify the series of product and determine the converting process. Increasing the non-perforated product number by 50 identifies most Perforated products.

THE SECOND FOUR DIGITS identify the material converted size. The first two digits indicate the width and the last two digits indicate the length.

THE FINAL THREE DIGITS identify the color and all colors contain three digits.

4200 - **1515** - **014**

4200: Non-perforated, 2.8 ml Calendered

1515: Width = 15″; Length = 150′ (50 yds.) (The 0 in 150 is hidden)

014: Color 014 (Tomato Red)

4250 - **3003** - **003**

4250: Perforated, 2.8 ml Calendered

3003: Width = 30″; Length = 30′ (10 yds.) (The 0 in 30 is hidden)

003: Color 012 (Gloss Black)

Notes: *Standard punch is slot pattern. IBM, Gerber and 3-hole punch patterns are available.*

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Spring 2018 • CC0189000-000 • Price: $5 • Batch •