

Lumina[®]

by FDC

HEAT TRANSFER VINYL PRODUCT CATALOG

2020 | ISSUE 1

FEATURING

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



LUMINA® BY FDC

Lumina® is FDC Graphic Films, Inc.'s national graphic product brand featuring a proven range of sign, digital, and heat transfer films. Lumina® offers more “Choices at a Great Value” with price and performance competitive against leading brands. Lumina® is backed by FDC’s Service Advantages.

LUMINA® HEAT TRANSFER (HTV)

Textiles and apparel markings represent the most popular choices available. HTV Films are offered in a range of opaque, fluorescent, and patterned films, plus digital print media.

LUMINA® CRAFT

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

LUMINA® SIGN VINYL

A wide array of colors and sizes for sign and vehicle applications are available. Its product reliability has been proven for three decades.

LUMINA® DIGITAL MEDIA

Your wide-format printing needs covered with this complete selection of brand banner, overlaminates, digital media, and window films.

FDC GRAPHIC FILMS, INC.

FDC is a master distributor and converter. Top performing products are sourced 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.

CONNECT WITH US



@luminabyfdc

PREMIUM & SPECIALTY HTV FILMS

Your go-to heat transfer film! Works for most applications.



► 9000 OPAQUE

002 WHITE		076 MAGENTA		025 SUNFLOWER	
133 TANGERINE		060 BRIGHT CARDINAL RED		253 LILAC	
056 HOT PINK		257 LIME GREEN		012 BURGUNDY	
137 DEEP PURPLE		139 PALE BLUE		106 MEDIUM GREEN	
190 COOL WATER		074 ROYAL PURPLE		130 TEAL BLUE	
048 CAMEL		003 BLACK		008 BROWN	
280 LIGHT PINK		182 SUNBEAM YELLOW		004 GOLD	
001 RED		113 SALMON PINK		006 YELLOW	
036 LITE GREEN*		023 DEEP RED		268 FIREWORKS	
018 OLYMPIC BLUE		247 VIBRANT GREEN		159 WINEBERRY	
011 DARK BLUE		108 PEACOCK		170 DARK FOREST GREEN	
028 DOVE GREY		260 DESERT TAUPE		005 BLUE	
047 TAN		007 SILVER		174 CHOCOLATE BROWN	

*Glow in the dark.

PREMIUM & SPECIALTY HTV FILMS

Fluorescent colors are ideal for all types of fabric including team gear.



► 9001 FLUORESCENT

006
YELLOW



009
ORANGE



076
MAGENTA



057
RASPBERRY



069
GREEN



005
BLUE



► 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



► 9003 PREMIUM OPAQUE

002
WHITE



001
RED



005
BLUE



074
ROYAL PURPLE



003
BLACK



007
SILVER



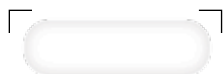
PREMIUM & SPECIALTY HTV FILMS

Unlock your potential quicker than ever with
a 5-second press time at only 260° F.



► 9010 QUICKPRESS

002
WHITE



060
BRIGHT CARDINAL RED



106
MEDIUM GREEN



028
DOVE GREY



067
FLUORESCENT YELLOW



182
SUNBEAM YELLOW



001
RED



018
OLYMPIC BLUE



003
BLACK



009
FLUORESCENT ORANGE



006
YELLOW



076
MAGENTA



005
BLUE



004
GOLD



280
FLUORESCENT PINK



113
TANGERINE



247
VIBRANT GREEN



011
DARK BLUE



007
SILVER



REFLECTIVE & GLITTER HTV FILMS

Make your design shine!

Summer

► 9100 REFLECTIVE

067
PRIMROSE YELLOW



224
ROSE GOLD



030
DARK BLUE



273
FOOL'S GOLD



017
SAPPHIRE BLUE



001
RED



208
SEA FOAM



160
DARK MAGENTA

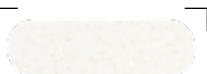


252
MINT



► 9105 GLITTER

002
WHITE



163
PINK



192
NEPTUNE



007
SILVER



198
VIVID ROSE



257
LIME GREEN



271
BLACK DIAMOND



057
RASPBERRY



106
MEDIUM GREEN



195
ONYX



074
ROYAL PURPLE



024
DARK GREEN



272
MULTIPLATINUM



164
AMETHYST



182
NEON YELLOW



205
AZTEC GOLD



075
LAVENDER



248
NEON ORANGE



004
GOLD



003
BLACK



076
NEON PINK



274
BURNT ORANGE



040
GALAXY



108
NEON BLUE



008
BROWN



005
BLUE



135
NEON PURPLE



161
CHOCOLATE BROWN



191
AQUAMARINE



247
NEON GREEN



FDC GRAPHIC FILMS, INC.

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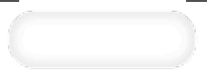
STRETCH, METAL FLAKE, & FLOCK HTV FILMS

Own your style with these unique finishes.



► 9004 STRETCH

002
WHITE



006
YELLOW



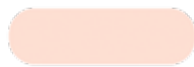
133
TANGERINE



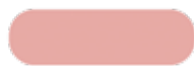
213
CORAL



058
BALLERINA PINK



224
ROSE GOLD



001
RED



106
MEDIUM GREEN



252
SWEET MINT



005
BLUE



011
NAVY



124
PURPLEBERRY



003
BLACK



004
GOLD



007
SILVER



► 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



► 9200 FLOCK

002
WHITE



182
SUNBREAM 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



003
BLACK



HOT METALLIC & PATTERNED HTV FILMS

Stand out and add your own flare!



► 9107 HOT METALLIC

006 YELLOW	
009 ORANGE	
119 RED	
160 DARK MAGENTA	
165 LAVENDER	
166 ELECTRIC BLUE	
020 COPPER	
004 GOLD	
007 SILVER	

► 9201 ANIMAL

003 ZEBRA	
076 PINK ZEBRA	
008 LEOPARD	
047 PANTHER	

► 9202 CAMO

024 ARMY CAMO	
142 CAMO	
028 GREY CAMO	
052 GREY OAK	

► 9204 TEXTURED

133 BASKETBALL	
040 BLACK CARBON FIBER	
007 SILVER CARBON FIBER	
004 GOLD CARBON FIBER	

PRINT HTV FILMS

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

► 9300, 9302, 9304, 9305, & 9308 PRINT FILMS

USE PRINT FILMS FOR APPLICATION TO TEXTILES*



9300 SERIES

002
GLOSS WHITE

gloss pvc / most versatile on textiles (not acrylic)

9302 SERIES

000
MATTE CLEAR

clear pvc / for white/light colored textiles / CPSIA

9304 SERIES

049
MATTE WHITE

polyurethane / CPSIA

9305 SERIES

049
MATTE WHITE

premium polyurethane / can be used on acrylics

9308 SERIES

049
MATTE WHITE

matte pvc / 6 mil thickness

*See more features in the Product
Selector chart on page 10.

HEAT TRANSFER VINYL PRODUCT SELECTOR

LUMINA® SERIES	FILM TECHNOLOGY	THICKNESS	CPSIA COMPLIANT	COTTON	POLYESTER	SPANDEX	LEATHER	NYLON	LAYERABLE	WASHABILITY	PRINTING
9000 Opaque	Polyurethane	3.5 mil	Yes	✓	✓				✓	Excellent	N/A
9001 Fluorescent	Polyurethane	3.9 mil	Yes	✓	✓				✓	Excellent	N/A
9002 Jersey Opaque	PVC	6.5 mil	No	✓	✓				✓*	Excellent	N/A
9003 Premium Opaque	Polyurethane	3.5 mil	Yes	✓	✓		✓	✓	✓	Excellent	N/A
9004 Stretch Opaque	Polyurethane	3.5 mil	Yes	✓	✓	✓	✓		✓	Excellent	N/A
9010 QuickPress	Polyurethane	3.5 mil	N/A	✓	✓	✓				Excellent	N/A
9100 Reflective	Retro-reflective	5.9 mil	Yes	✓	✓	✓	✓	✓	✓	Good	N/A
9105 Glitter	PVC	12.8 mil	Yes	✓	✓				✓	Excellent	N/A
9106 Metal Flake	PVC	4.3 mil	Yes	✓	✓		✓			Excellent	N/A
9107 Hot Metallic	Polyurethane	3.5 mil	Yes	✓	✓		✓		✓	Excellent	N/A
9200 Flock	Nylon	14 mil	No	✓	✓				✓*	Excellent	N/A
9201 Animal	Polyurethane	2.4 mil	No	✓	✓					Excellent	N/A
9202 Camo	Polyurethane	2.4 mil	No	✓	✓					Excellent	N/A
9204 Textured	Polyurethane	2.4 mil	No	✓	✓					Excellent	N/A
9300 Print Film	PVC	4.7 mil	No	✓	✓	✓	✓	✓	✓*	Excellent	Latex, Thermal Transfer, Eco-Solvent
9302 Print Film	PVC	1.8 mil	Yes	✓	✓					Excellent	Thermal Transfer, Solvent, Eco-Solvent
9304 Print Film	Polyurethane	3.1 mil	No	✓	✓	✓				Good	Solvent, Eco-Solvent
9305 Print Film	Polyurethane	2.0 mil	No	✓		✓				Excellent	Latex, Solvent, Eco-Solvent
9308 Print Film	PVC	6.0 mil	No	✓	✓					Good	Thermal Transfer, Latex, Eco-Solvent

*When used as top layer.

HEAT TRANSFER VINYL APPLICATION INSTRUCTIONS

LUMINA® 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 Opaque	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
9010 QuickPress	No	Reverse	5 seconds	260° F	Medium	5 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
9204 Textured	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
9305 Print Film	Yes	Right Read	5 seconds	320° F	Medium	10 seconds	Hot
9308 Print Film	Yes	Right Read	5 seconds	320° F	Medium	10 seconds	Hot

Peel: Hot = Immediate / Warm = 5 seconds / Cold = 10 seconds | **9404 Print Mask:** Polyester mask designed to lift printable heat transfer films from.

**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.



FDC Graphic Films, Inc.

FDC 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, heat transfer vinyl, and application tapes. 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.

Locations

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



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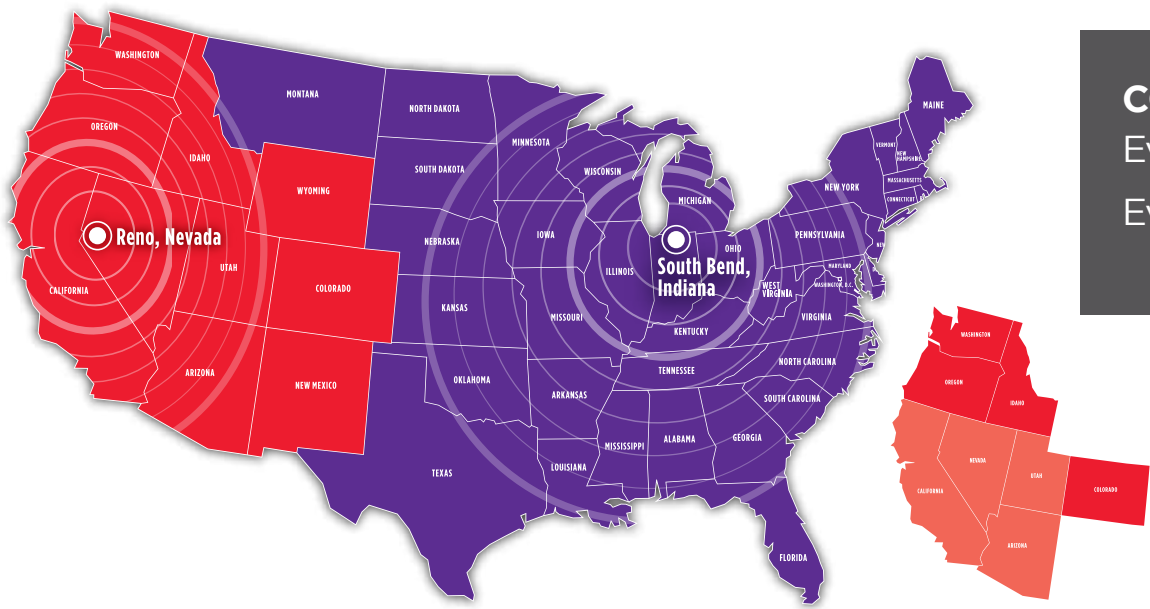


On-Time, Complete, & Error-Free

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.



COUNT ON US.
Every day.
Every order.

SERVICE TERRITORIES

- Reno
- South Bend

KEY



RENO DELIVERY TIMES

- 1 Day
- 2 Days



HOW TO BUILD A PART NUMBER

0000-0000-000

THE FIRST SET OF 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 SET OF FOUR DIGITS identify the material conversion size. The first two digits indicate the width and the last two digits indicate the length.

THE THIRD SET OF THREE DIGITS identify the color. All colors contain three digits.

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 Perforated 2.8 ml Calendered	-	3003 Width = 30" Length = 30' (10 yds.) (The 0 in 30 is hidden)	-	003 Color 012 (Gloss Black)

Notes: The standard punch is "slot pattern." IBM, Gerber, and 3-Hole punch patterns are available.

Need a sample?

FDC Graphic Films, Inc. has a full sample program for color matching and testing products out before you buy, and it is simple to use!

► If you are a distributor:

Contact FDC and request a sample. The sample will be delivered to you or drop-shipped directly to your customer at no charge.

► Not a distributor?

Contact your local FDC distributor and request a sample! Don't know of any distributors? Check out our Where to Buy distributor locator online at fdcfilms.com, or call us at 800-634-7523.

Once you find a distributor, they will place an order with FDC, and we can ship your sample directly to you!





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