

10/31/2012



On behalf of Paul Miller, Inc. and Beasley Digital Printing I would like to thank you for the opportunity to bid on the new Lexington Police reflective vehicle graphics contract. As the latest contract provider of graphics for the still in service Crown Victoria cruisers and developer and installer of the prototype graphics for the new 2013 Ford Police Interceptor for the Lexington Police we look forward to possible continuation in providing high-quality vehicle markings for the department and the Lexington Fayette Urban County Government.

Sincerely,

Scott Patton

Manager/Print Production Coordinator  
Beasley Digital Printing, a Paul Miller Company  
859.244.4270  
scottp@beasleyprint.com

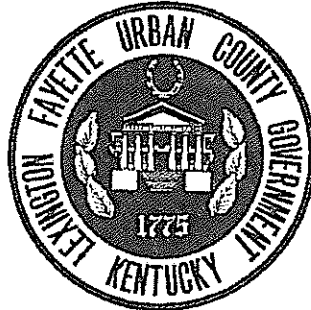
[paulmilleronline.com](http://paulmilleronline.com)



975 East New Circle Road • Lexington, KY 40505 • 859-244-4244

# Lexington Fayette Urban County Government

Division of Central Purchasing



Lexington Kentucky

Horse Capital of the World

## INVITATION TO BID #153-2012

### Reflective Vehicle Decals

#### NOTICE TO BIDDERS

**Bid Opening Date: October 31, 2012**

**Bid Opening Time: 2:00 PM**

**Address: 200 East Main Street  
3<sup>rd</sup> Floor, Room 338**

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**Pre Bid Meeting: N/A**

**Pre Bid Time: N/A**

**Address: N/A**

**INVITATION TO BID**

Bid Invitation Number: #153-2012

Date of Issue: 10/17/2012

Sealed bids will be received in the office of the Division of Central Purchasing, 200 East Main Street, Lexington, Kentucky, until **2:00 PM**, prevailing local time on **10/31/2012**. Bids must be received by the above-mentioned date and time. Mailed bids should be sent to:

**Division of Central Purchasing  
200 East Main Street, Rm 338  
Lexington, KY 40507, (859) 258-3320**

The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.

All bids must have the company name and address, bid invitation number, and the commodity/service on the outside of the envelope.

Bids are to include all shipping costs to the point of delivery located at: 699 Byrd Thurman Drive, Lexington KY

Bid Security Required:  Yes  No      Performance Bond Required:  Yes  No  
*Cashier Check, Certified Check, Bid Bond (Personal checks and company checks will not be acceptable).*

|            |                                  |
|------------|----------------------------------|
| <b>QTY</b> | <b>Commodity/Service</b>         |
| <b>PCT</b> | <b>Reflective Vehicle Decals</b> |
|            | See specifications               |

|  |  |
|--|--|
| <p align="center"><b><u>Check One:</u></b></p> <p><input checked="" type="checkbox"/> Bid Specifications Met</p> <p><input type="checkbox"/> Exceptions to Bid Specifications. <i>Exceptions shall be itemized and attached to bid proposal submitted.</i></p> | <p align="center"><b><u>Proposed Delivery:</u></b></p> <p><u>7</u> days after acceptance of bid.</p> |
|--|--|

|   |  |
|---|--|
| <b><u>Procurement Card Usage</u></b>    |  |
| <input checked="" type="checkbox"/> Yes | The Lexington-Fayette Urban County Government will be using Procurement Cards to purchase goods and services and also to make payments. Will you accept Procurement Cards? |
| <input type="checkbox"/> No             |  |

Submitted by: Paul Miller Ford, Inc.  
Firm  
975 E New Circle Rd.  
Address  
Lexington, KY 40505  
City, State & Zip

**Bid must be signed:  
(original signature)**

*Scott Patton* - Manager of Print Production  
 Signature of Authorized Company Representative - Title  
Scott Patton  
 Representative's Name (Typed or printed)  
859-244-4270 Fax #  
Area Code - Phone - Extension  
scott@beasleyprint.com  
 E-Mail Address

**The Affidavit in this bid must be completed before your firm can be considered for award of this contract.**

AFFIDAVIT

Comes the Affiant, Scott Patton, and after being first duly sworn under penalty of perjury as follows:

1. His/her name is Scott Patton and he/she is the individual submitting the bid or is the authorized representative of Paul Miller Ford, Inc.

the entity submitting the bid (hereinafter referred to as "Bidder").

2. Bidder will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the bid is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.

3. Bidder will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.

4. Bidder has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.

5. Bidder has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Bidder will not violate any provision of the campaign finance laws of the Commonwealth.

6. Bidder has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."

7. Bidder acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

Further, Affiant sayeth naught.

Scott Patton

STATE OF Ky

COUNTY OF Fayette

The foregoing instrument was subscribed, sworn to and acknowledged before me

by Scott Patton on this the 29<sup>th</sup> day of Oct, 2012.

My Commission expires: 3/31/15 438593

Joanna Stone  
NOTARY PUBLIC, STATE AT LARGE

**Please refer to Section II. Bid Conditions, Item "U" prior to completing this form.**

## **I. GREEN PROCUREMENT**

### **A. ENERGY**

The Lexington-Fayette Urban County Government is committed to protecting our environment and being fiscally responsible to our citizens.

The Lexington-Fayette Urban County Government mandates the use of Energy Star compliant products if they are available in the marketplace (go to [www.Energystar.gov](http://www.Energystar.gov)). If these products are available, but not submitted in your pricing, your bid will be rejected as non-compliant.

ENERGY STAR is a government program that offers businesses and consumers energy-efficient solutions, making it easy to save money while protecting the environment for future generations.

#### Key Benefits

These products use 25 to 50% less energy  
Reduced energy costs without compromising quality or performance  
Reduced air pollution because fewer fossil fuels are burned  
Significant return on investment  
Extended product life and decreased maintenance

### **B. GREEN SEAL CERTIFIED PRODUCTS**

The Lexington-Fayette Urban County Government is also committed to using other environmentally friendly products that do not negatively impact our environment. Green Seal is a non-profit organization devoted to environmental standard setting, product certification, and public education.

Go to [www.Greenseal.org](http://www.Greenseal.org) to find available certified products. These products will have a reduced impact on the environment and on human health. The products to be used must be pre-approved by the LFUCG prior to commencement of any work in any LFUCG facility. If a Green Seal product is not available, the LFUCG must provide a signed waiver to use an alternate product. Please provide information on the Green Seal products being used with your bid response.

### **C. GREEN COMMUNITY**

**The Lexington-Fayette Urban County Government (LFUCG) serves as a principal, along with the University of Kentucky and Fayette County Public Schools, in the Bluegrass Partnership for a Green Community. The Purchasing Team component of the Partnership collaborates on economy of scale purchasing that promotes and enhances environmental initiatives. Specifically, when applicable, each principal is interested in obtaining best value products and/or services which promote environment initiatives via solicitations and awards from the other principals.**

**If your company is the successful bidder on this Invitation For Bid, do you agree to extend the same product/service pricing to the other principals of the Bluegrass Partnership for a Green Community (i.e. University of Kentucky and Fayette County Schools) if requested?**

Yes  No

## II. Bid Conditions

- A. No bid may be withdrawn for a period of sixty (60) days after the date and time set for opening.
- B. No bid may be altered after the date and time set for opening. In the case of obvious errors, the Division of Central Purchasing may permit the withdrawal of a bid. The decision as to whether a bid may be withdrawn shall be that of the Division of Central Purchasing.
- C. Acceptance of this proposal shall be enactment of an Ordinance by the Urban County Council.
- D. The bidder agrees that the Urban County Government reserves the right to reject any and all bids for either fiscal or technical reasons, and to award each part of the bid separately or all parts to one vendor.
- E. Minor exceptions may not eliminate the bidder. The decision as to whether any exception is minor shall be entirely that of the head of the requisitioning Department or Division and the Director of the Division of Central Purchasing. The Urban County Government may waive technicalities and informalities where such waiver would best serve the interests of the Urban County Government.
- F. Manufacturer's catalogue numbers, trade names, etc., where shown herein are for descriptive purposes and are to guide the bidder in interpreting the standard of quality, design, and performance desired, and shall not be construed to exclude proposals based on furnishing other types of materials and/or services. However, any substitution or departure proposed by the bidder must be clearly noted and described; otherwise, it will be assumed that the bidder intends to supply items specifically mentioned in this Invitation for Bids.
- G. The Urban County Government may require demonstrations of the materials proposed herein prior to acceptance of this proposal.
- H. Bids must be submitted on this form and must be signed by the bidder or his authorized representative. Unsigned bids will not be considered.
- I. Bids must be submitted prior to the date and time indicated for opening. Bids submitted after this time will not be considered.
- J. All bids mailed must be marked on the face of the envelope:

**“Bid on #153-2012 Reflective Vehicle Decals”**

and addressed to:      Division of Central Purchasing  
   200 East Main Street, Room 338  
   Lexington, Kentucky 40507

**The Lexington-Fayette Urban County Government assumes no responsibility for bids that are not addressed and delivered as indicated above. Bids that are not delivered to the Division of Central Purchasing by the stated time and date will be rejected.**

- K. Bidder is requested to show both unit prices and lot prices. In the event of error, the unit price shall prevail.
- L. A certified check or Bid Bond in the amount of XX percent of the bid price must be attached hereto. This check must be made payable to the Lexington-Fayette Urban County Government, and will be returned when the material and/or services specified herein have been delivered in accordance with specifications. In the event of failure to perform within the time period set forth

in this bid, it is agreed the certified check may be cashed and the funds retained by the Lexington-Fayette Urban County Government as liquidated damages. Checks of unsuccessful bidders will be returned when the bid has been awarded.

- M. The delivery dates specified by bidder may be a factor in the determination of the successful bidder.
- N. Tabulations of bids received may be mailed to bidders. Bidders requesting tabulations must enclose a stamped, self-addressed envelope with the bid.
- O. The Lexington-Fayette Urban County Government is exempt from Kentucky Sales Tax and Federal Excise Tax on materials purchased from this bid invitation. Materials purchased by the bidder for construction projects are not tax exempt and are the sole responsibility of the bidder.
- P. All material furnished hereunder must be in full compliance with OSHA regulations.
- Q. If more than one bid is offered by one party, or by any person or persons representing a party, all such bids shall be rejected.
- R. Signature on the face of this bid by the Bidder or his authorized representative shall be construed as acceptance of and compliance with all terms and conditions contained herein.
- S. The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, creed, national origin, sex or age, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.
- T. The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age or national origin;*
- (2) The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age or national origin;*
- (3) The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provisions of the non-discrimination clauses required by this section; and*
- (4) The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses.*

The Act further provides:

KRS 45.610. Hiring minorities - Information required

- (1) For the length of the contract, each contractor shall hire minorities from other sources*

*within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetable.*

- (2) *Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.*

KRS 45.620. Action against contractor - Hiring of minority contractor or subcontractor

- (1) *If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.*
- (2) *If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.*
- (3) *The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.*

KRS 45.630 Termination of existing employee not required, when

*Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that that employee was employed prior to the date of the contract.*

KRS 45.640 Minimum skills

*Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job.*

It is recommended that all of the provisions above quoted to be included as special conditions in each contract. In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his work-force in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

- U. Any party, firm or individual submitting a proposal pursuant to this invitation must be in compliance with the requirements of the Lexington-Fayette Urban County Government regarding taxes and fees before they can be considered for award of this invitation and must maintain a "current" status with regard to those taxes and fees throughout the term of the contract. The contractor must be in compliance with Chapter 13 from the Code of Ordinances



of the Lexington-Fayette Urban County Government. The contractor must be in compliance with Ordinance 35-2000 pursuant to contractor registration with the Division of Building Inspection. If applicable, said business must have a Fayette County business license.

Pursuant to KRS 45A.343 and KRS 45A.345, the contractor shall

- (1) *Reveal any final determination of a violation by the contractor within the previous five year period pursuant to KRS Chapters 136 (corporation and utility taxes), 139 (sales and use taxes), 141 (income taxes), 337 (wages and hours), 338 (occupational safety and health of employees), 341 (unemployment and compensation) and 342 (labor and human rights) that apply to the contractor; and*
- (2) *Be in continuous compliance with the above-mentioned KRS provisions that apply to the contractor for the duration of the contract.*

A contractor's failure to reveal the above or to comply with such provisions for the duration of the contract shall be grounds for cancellation of the contract and disqualification of the contractor from eligibility for future contracts for a period of two (2) years.

- V. Vendors who respond to this invitation have the right to file a notice of contention associated with the bid process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the bid process must be filed within 3 business days of the bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the bid process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with bid processes. If, based on this review, a bid process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a bid recommendation must be filed within 3 business days of the bid recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.

### III. Procurement Contract Bid Conditions

- A. The terms of this agreement shall be for 1 year from the date of acceptance of this contract by the Lexington-Fayette Urban County Government. This agreement may be extended for an additional 1 year renewal upon the written agreement of the bidder and the Lexington-Fayette Urban County Government. Said agreement must be in writing and must be executed prior to the expiration of the current agreement.
  
- B. Price Changes (**Space Checked Applies**)
  - (XXX) 1. Prices quoted in response to the Invitation shall be firm prices for the first 90 days of the Procurement Contract. After 90 days, prices may be subject to revision and such changes shall be based on general industry changes. Revision may be either increases or decreases and may be requested by either party. There will be no more than one (1) price adjustment per quarter. Requests for price changes shall be received in writing at least twenty (20) days prior to the effective date and are subject to written acceptance before becoming effective. Proof of the validity of a request for revision shall be responsibility of the requesting party. The Lexington-Fayette Urban County Government shall receive the benefit of any decline that the seller shall offer his other accounts.
  
  - () 2. No provision for price change is made herein. Prices are to be firm for the term of this contract.
  
  - () 3. Procurement Level Contract
  
- C. If any contract item is not available from the vendor, the Lexington-Fayette Urban County Government, at its option, may permit the item to be back-ordered or may procure the item on the open market.
  
- D. All invoices must bear reference to the Lexington-Fayette Urban County Government Purchasing document numbers which are being billed.
  
- E. This contract may be canceled by either party thirty (30) days after delivery by canceling party of written notice of intent to cancel to the other contracting party.
  
- F. This contract may be canceled by the Lexington-Fayette Urban County Government if it is determined that the Bidder has failed to perform under the terms of this agreement, such cancellation to be effective upon receipt of written notice of cancellation by the Bidder.
  
- G. No substitutions for articles specified herein may be made without prior approval of the Division of Central Purchasing.

EQUAL OPPORTUNITY AGREEMENT

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

*The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap.*

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

*The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.*

\*\*\*\*\*

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

*I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, Vietnam veterans, handicapped and aged persons.*

*Paul Miller Ford, Inc.*  
Signature

Paul Miller Ford, Inc.  
Name of Business

**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

**SCOPE:** This specification outlines the minimum requirements for a reflective automotive graphic kit designed to fit a variety of Police vehicles including patrol cars, SUV's, motorcycles, boats, etc.

**PRINTED GRAPHIC MATERIAL REQUIREMENTS:** The base sheeting shall be 3M 680 series film, a highly flexible, self-adhesive retro-reflective cast PVC film specially designed for high quality fleet vehicle graphic applications that has a positional, pressure-activated adhesive, premium laminate overcast and a total thickness of .01 to .02 inches.

Color Matching:

Blue – PMS 286C (“Lexington Blue”)

Black – 3M 9705 with halfone

Red – to match 3M 680-72

White – unprinted 3M IJ680-10 white

**PATROL CAR GRAPHIC DESIGN AND ENGINEERING REQUIREMENTS:** All graphic panels are to be engineered and produced so that each panel fits within a specific body panel (i.e. Front Door) and does not require cutting of the graphic during the installation. These cuts should allow for tolerance from vehicle to vehicle. Excess premask is to be included to act as a positioning aid and it is to conform to the body features of the vehicle. All decals shall be kiss cut, pre-spaced, and pre-masked. All decal segments must be in one (1) piece, splicing is NOT acceptable.

The vendor will provide graphic design artwork or adapt original design artwork, including any setup required. Any fee associated with this requirement should be included in the bid cost. Graphic design artwork, related products and files are copyrighted property of the Lexington Division of Police. This includes but is not limited to reproduction, derivative, distribution, and display rights without written consent from the Lexington Division of Police.

**WARRANTY:** All items provided under this contract shall be warranted for 5 years against fading, cracking or peeling. Written proof of the 3M Matched Component System warranty shall be submitted with bid proposal. In the case of warranty, the vendor will be responsible for providing replacement graphics and any required removal/installation at no charge to the Division of Police.

**ADDITIONAL QUALIFICATIONS OF BIDDERS:** Bids will be accepted only from vendors with a minimum of 1 year experience selling or manufacturing fleet graphics. Vendor production capabilities must ensure that the successful bidder be able to modify the decal design in support of Division of Police needs and accommodate changes in the make and body style of selected police vehicles. Successful vendor must also demonstrate capability to provide graphics for additional vehicle types not specifically listed, including specialty units, trucks, boats, aircraft, etc. Successful vendor agrees to submit a complete set of sample decals to Division of Police for approval, prior to beginning a production run.

Successful vendor agrees to provide on-site application instructions, assistance, or training to LFUCG employees performing decal application. All costs related to such training shall be at vendor's expense.

**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

**PATROL CAR DESIGN ONE: Ford Crown Victoria Police Interceptor**

The kit is to be designed and printed so that any panel for a 2010 Crown Victoria will fit any other 2010 Crown Victoria taking into consideration any tolerances from vehicle to vehicle. This will allow mixing of parts (within a particular vehicle model) as necessary during installation or when vehicles require repair. All lettering is to be all capital letters and in the Eurobold typeface. Each panel must be printed as one piece with no seam. This stripe is to be printed in sections to fit the fenders, front door and rear door. Applied within the stripping is the Division of Police shield. ALL SECTIONS MUST BE CONSISTENT SO AS TO ENSURE WHEN ANY ONE ELEMENT/SECTION IS APPLIED TO A VEHICLE THE STRIPES WILL MATCH UP WITHOUT A DISCERNABLE VARIANCE OR DIFFERENCE IN WIDTH, ALIGNMENT OR COLOR BETWEEN THE TWO ELEMENTS/SECTIONS.

**ITEM A – Front Fender (Left and Right)**

The reflective stripe panel is approximately 12 inches in height at its tallest point. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom.

**ITEM B –Unit Numbers (Left, Right and Trunk)** Panel of four 3.5 inch blue unit numbers is to be provided for the lower left and right side each bumper. A 2.5-inch white unit number is to be provided for the right side of the trunk lid.

**ITEM C – Front Door (Left and Right)**

The reflective stripe panel is approximately 12 inches in height at its tallest point and approximately 45 inches long. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom with the letters “POLI” on the driver side and “LICE” on the passenger side showing in white base material.

**ITEM D – Rear Door (Left and Right)**

The reflective stripe panel is approximately 12 inches in height at its tallest point and approximately 42 inches long. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom with the letters “CE” on the driver side and “PO” on the passenger side in white base material showing.

**ITEM E – Quarter Panel (Left and Right)**

The reflective stripe panel is approximately 12 inches in height at its tallest point and approximately 52 inches long. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom. At the rear of the panel near the tail-light assembly shall be the numbers “911” that extend over the top of the stripe by approximately 1 inch in white base material showing. The word “EMERGENCY” in red is below the 911.

**ITEM F – Trunk Lid**

The trunk lid panel is approximately 6 inches in height and 60 inches long. The lettering is to be 2.5 inches in height matching the style and colors for the front door lettering. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom with the letters “POLICE” on the driver side showing in white base material.

**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

**ITEM G – DIVISION OF POLICE Shield**

This shield is to be installed on the front fender and is a High-Resolution photographic quality reproduction of the LFUCG Division of Police breast badge. This decal is digitally printed and measuring approximately 10 inches tall by 8.5 inches wide maintaining proportion to the actual badge. Successful Vendor will be responsible for successfully reproducing the shield graphic from a digital photograph to be provided by LFUCG Division of Police. This photograph will be furnished to the apparent low bidder and must be returned, along with proof sample, within fifteen (15) working days after notification prior to award of contract. To ensure conformity, a full-size sample must be presented to the LFUCG Division of Police prior to award. An artist rendering or drawing is not acceptable.

**ITEM H – Windshield Graphic**

Pre-spaced lettering is to read POLICE (reversed) in white, approximately 3 inches in height by 29 inches in width.

**ITEM I – Bumper Stripe**

The 1/2 inches bumper stripes will be installed in the trim molding of the bumper and is to be fabricated from 680-10; two lengths will be required for each patrol vehicle: 97 inches (front bumper) and 137 inches (rear bumper). Alternate materials to be quoted include Avery 911-White and 3M 9200 Series white hi-brightness film.

**ITEM J – LEXINGTON Panel**

A separate panel to read LEXINGTON measures approximately 53 inches long and 4 inches in height and shall be provided for each side. Color is blue with black drop shadow.

**ITEM K – Unit Numbers for Roof**

Each graphic kit shall include the Roof Number panel consisting of four digits, each measuring 16 inches tall and proportionally sized for legibility by Police air units, is to be standard 3M 680-85 black. All panels are to be shipped loose and separate from the graphics kit.

**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

**PATROL CAR DESIGN TWO: 2013 Ford Police Interceptor**

The kit is to be designed and printed so that any panel for a 2013 Ford Police Interceptor will fit any other 2013 Ford Police Interceptor taking into consideration any tolerances from vehicle to vehicle. This will allow mixing of parts (within a particular vehicle model) as necessary during installation or when vehicles require repair. All lettering is to be all capital letters and in the Eurobold typeface. Each panel must be printed as one piece with no seam. This stripe is to be printed in sections to fit the fenders, front door and rear door. Applied within the stripping is the Division of Police shield. ALL SECTIONS MUST BE CONSISTENT SO AS TO ENSURE WHEN ANY ONE ELEMENT/SECTION IS APPLIED TO A VEHICLE THE STRIPES WILL MATCH UP WITHOUT A DISCERNABLE VARIANCE OR DIFFERENCE IN WIDTH, ALIGNMENT OR COLOR BETWEEN THE TWO ELEMENTS/SECTIONS.

**ITEM A – Front Bumper/Corners (Left and Right)**

The reflective stripe panel is approximately 10.5 inches in height at its tallest point and approximately 44.5 inches long. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom and wraps the design from the front grill of vehicle to front fender.

**ITEM B –Unit Numbers (Left and Right Front Bumper and Rear Bumper)** Panel of four, 3 inch blue unit numbers is to be provided for the lower left and right side of the front bumper and one set of numbers for right side of rear bumper.

**ITEM C – Front Fender (Left and Right)**

The reflective stripe panel is approximately 11.5 inches in height at its tallest point. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom.

**ITEM D – Front Door (Left and Right)**

The reflective stripe panel is approximately 11.5 inches in height at its tallest point and approximately 44.5 inches long. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom with the letters “POL” on the driver side and “ICE” on the passenger side showing in white base material.

**ITEM E – Rear Door (Left and Right)**

The reflective stripe panel is approximately 11.5 inches in height at its tallest point and approximately 45 inches long. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom with the letters “LICE” on the driver side and “POL” on the passenger side in white base material showing.

**ITEM F – Quarter Panel (Left and Right)**

The reflective stripe panel is approximately 14.75 inches in height at its tallest point and approximately 52 inches long. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom. At the rear of the panel near the tail-light assembly shall be the numbers “911” that extend over the top of the stripe by approximately 1 inch in white base material showing. The word “EMERGENCY” in red is below the 911.

**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

**ITEM G – Rear Bumper Corners (Left and Right)**

The reflective stripe panel is approximately 7.5 inches in height at its tallest point and approximately 21.25 inches long. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom and wraps the design around the rear brake lights matching up with the trunk lid.

**ITEM H – Trunk Lid**

The trunk lid panel is approximately 18 inches in height and 55.75 inches long. The lettering is to be in the style and colors for the front door lettering. From top to bottom the stripe is black, fading to solid blue in the center and fading back to black at the bottom with approximately 2.5 inch lettering “LEXINGTON” centered on the top half (above chrome manufacturer logo) and 4” lettering “POLICE” centered on lower half showing in white base material.

**ITEM I – DIVISION OF POLICE Shield**

This shield is to be installed on the front fender and is a High-Resolution photographic quality reproduction of the LFUCG Division of Police breast badge. This decal is digitally printed and measuring approximately 10.75 inches tall by 9.25 inches wide maintaining proportion to the actual badge. Successful Vendor will be responsible for successfully reproducing the shield graphic from a digital photograph to be provided by LFUCG Division of Police. This photograph will be furnished to the apparent low bidder and must be returned, along with proof sample, within fifteen (15) working days after notification prior to award of contract. To ensure conformity, a full-size sample must be presented to the LFUCG Division of Police prior to award. An artist rendering or drawing is not acceptable.

**ITEM J – Windshield Graphic**

Pre-spaced lettering is to read POLICE (reversed) in white, approximately 3 inches in height by 29 inches in width.

**ITEM K – LEXINGTON Panel**

A separate panel to read LEXINGTON measures approximately 61.25 inches in length by 5 inches in height and shall be provided for each side. Lettering is blue with black drop shadow.

**ITEM L – Unit Numbers for Roof**

Each graphic kit shall include the Roof Number panel consisting of four digits, each measuring 16 inches tall and proportionally sized for legibility by Police air units, is to be standard 3M 680-85 black. All panels are to be shipped loose and separate from the graphics kit.



**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

**PACKAGING SPECIFICATIONS - 2010 Ford Crown Victoria Interceptor:**

Each graphic kit is to consist of Front Fender (DS & PS), Front Door (DS & PS), Rear Door (DS & PS), Rear Fender (DS & PS), (2) Division of Police shields, Windshield Graphic, "Lexington" Lettering (DS & PS), (3) sets of Unit Numbers, and (1) set of Roof Numbers. The kit is to be thermal sealed in a polybag and packaged in such a way to ensure no folding, wrinkling and/or Premask/Liner pop off the graphic. Due to the size, roof number panels for each kit are to be packaged separately.

**PACKAGING SPECIFICATIONS - 2013 Ford Police Interceptor:**

Each graphic kit is to consist of Front Bumper/Corners (DS & PS), Front Fender (DS & PS), Front Door (DS & PS), Rear Door (DS & PS), Rear Fender (DS & PS), Rear Bumper Corners (DS & PS), (2) Division of Police shields, "Lexington" Lettering (DS & PS), (3) sets of Unit Numbers, and (1) set of Roof Numbers. The kit is to be thermal sealed in a polybag and packaged in such a way to ensure no folding, wrinkling and/or Premask/Liner pop off the graphic. Due to the size, roof number panels for each kit are to be packaged separately

**PART LABELING:** Each Graphic Panel is to be labeled as to vehicle side and position as applicable (i.e. Driver Side Front Fender)

"SPARE PARTS" are to be packaged separately, such as all right front fenders packaged together.

**INSTALLATION INSTRUCTIONS:** Detailed installation instructions are to be provided showing step by step procedures, including pictorial views to aid in proper installation techniques.

**DELIVERY:** Not more than 30 Days after receipt of order

**GENERAL INFORMATION:** Photographs of current decal kit are available. Bidders may inspect a patrol car to verify color and sizes by contacting the LFUCG Division of Police - Fleet Liaison. IT WILL BE THE RESPONSIBILITY OF THE VENDOR TO VIEW THE DECAL ON THE VEHICLE, SAMPLE PACKAGES WILL NOT BE MAILED OUT.

**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

PRICING SHEET

|  |                      |
|--|----------------------|
| Complete Kit for <b>Ford Crown Victoria</b> , current year or newer      | \$ <u>647.90</u>     |
| <b>Front Fender</b> (DS or PS) - For any quantity                        | \$ <u>60.79</u>      |
| <b>Front Door</b> (DS or PS) - For any quantity                          | \$ <u>59.44</u>      |
| <b>Rear Door</b> (DS or PS) - For any quantity                           | \$ <u>49.59</u>      |
| <b>Rear Fender</b> (DS or PS) - For any quantity                         | \$ <u>70.27</u>      |
| <b>Trunk Lid</b> - For any quantity                                      | \$ <u>38.76</u>      |
| <b>Police Shield</b> - For any quantity                                  | \$ <u>8.61</u>       |
| <b>Police Shield Emblem with Magnetic Backing</b> - For any quantity     | \$ <u>12.36</u>      |
| <b>Windshield Graphic</b> - For any quantity                             | \$ <u>4.75</u>       |
| <b>Bumper Stripe</b> (front and rear) 3M 680-10 White - For any quantity | \$ <u>9.97</u>       |
| Option A: Avery 911 EVG White  | \$ <u>17.67</u>      |
| Option B: 3M 9200 Series White   | \$ <u>17.67</u>      |
| <b>LEXINGTON Panel</b> - For any quantity                                | \$ <u>15.38</u>      |
| <b>Unit Number Panels</b> (4-digit, pre-spaced) - For any quantity       | \$ <u>2.34</u>       |
| <b>Unit Number</b> (Single digits) - For any quantity                    | \$ <u>.62</u>        |
| <b>Roof Number Panels</b> (4-digit, pre-spaced) - For any quantity       | \$ <u>46.76</u>      |
| <b>Roof Numbers</b> (Single-digit) - For any quantity                    | \$ <u>10.46</u>      |
| DELIVERY:  | <u>4</u><br>Days ARO |

**Ford Crown Victoria Installation Option:** As needed, the successful vendor will be requested to install graphics kits on specific Patrol Vehicles. Vendor is required to complete installations within 5 calendar days after orders are placed.

|                      |                              |
|----------------------|------------------------------|
| Installation only:   | \$ <u>196.00</u> per vehicle |
| Complete Re-marking: | \$ <u>308.00</u> per vehicle |
| Other Installation:  | \$ <u>56.00</u> per hour     |

**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

PRICING SHEET

|  |                      |
|--|----------------------|
| Complete Kit for <b>2013 Ford Police Interceptor</b> , current year or newer | \$ <u>710.66</u>     |
| Front Bumper/Corners (DS or PS)<br>For any quantity                          | \$ <u>39.87</u>      |
| Front Fender (DS or PS)<br>For any quantity                                  | \$ <u>38.27</u>      |
| Front Door (DS or PS)<br>For any quantity                                    | \$ <u>42.82</u>      |
| Rear Door (DS or PS)<br>For any quantity                                     | \$ <u>43.32</u>      |
| Rear Fender (DS or PS)<br>For any quantity                                   | \$ <u>65.59</u>      |
| Rear Bumper Corners (DS or PS)<br>For any quantity                           | \$ <u>13.66</u>      |
| Trunk Lid<br>For any quantity  | \$ <u>85.77</u>      |
| Police Shield<br>For any quantity  | \$ <u>8.61</u>       |
| Police Shield Emblem with Magnetic Backing<br>For any quantity               | \$ <u>12.36</u>      |
| Windshield Graphic<br>For any quantity                                       | \$ <u>4.75</u>       |
| LEXINGTON Panel<br>For any quantity  | \$ <u>24.86</u>      |
| Unit Number Panels (4-digit, pre-spaced)<br>For any quantity                 | \$ <u>2.34</u>       |
| Unit Number (Single digits)<br>For any quantity                              | \$ <u>.62</u>        |
| Roof Number Panels (4-digit, pre-spaced)<br>For any quantity                 | \$ <u>46.76</u>      |
| Roof Numbers (Single-digit)<br>For any quantity                              | \$ <u>10.46</u>      |
| DELIVERY:  | <u>4</u><br>Days ARO |

**LFUCG DIVISION OF POLICE  
REFLECTIVE VEHICLE GRAPHICS**

**Installation Option Ford Police Interceptor:** As needed, the successful vendor will be requested to install graphics kits on specific Patrol Vehicles. Vendor is required to complete installations within 5 calendar days after orders are placed.

|                      |                  |             |
|----------------------|------------------|-------------|
| Installation only:   | \$ <u>280.00</u> | per vehicle |
| Complete Re-marking: | \$ <u>392.00</u> | per vehicle |
| Other Installation:  | \$ <u>56.00</u>  | per hour    |



As stated in the attached current documents from 3M Company, vehicle graphics produced using our Roland SOLJET Pro III Series Printers with Eco-Sol MAX Series Inks are warranted under the 3M Performance Guarantee. While the warranty period for vertical graphics on 680 series reflective is stated for 3 years under the 3M Performance Guarantee, Paul Miller Ford, Inc. extends warranty against graphic defects, excessive shrinkage or fading, and installation failure for 5 years on all 3M vehicle graphics produced and installed by our graphics subsidiary, Beasley Digital Printing.

Sincerely,

Scott Patton

Manager/Print Production Coordinator  
Beasley Digital Printing, a Paul Miller Company  
859.244.4270  
scottp@beasleyprint.com

[paulmilleronline.com](http://paulmilleronline.com)



mazda



975 East New Circle Road • Lexington, KY 40505 • 859-244-4244



## Performance Guarantee

Warranty Period of 3M Product Performance for Vertical Graphics, *in Years*

Click here for 3M Warranty Brochure

| 2 MIL FILM                           | Graphic Construction         | Graphic Type |         |            |        |
|--------------------------------------|------------------------------|--------------|---------|------------|--------|
|                                      |                              | Vehicle      | Outdoor | Watercraft | Indoor |
| LJ170CV3-10                          | 8518, 8519, 8520, 8915       | 3            | 3       | 2          | 3      |
|                                      | 8528, 8548G                  | 4*           | 3       | 2          | 3      |
|                                      | 1920DR                       | 3            | 3       | —          | 3      |
| LJ180-10<br>LJ180C-10<br>LJ180CV3-10 | 8518, 8519, 8520, 8915       | 3            | 3       | 2          | 3      |
|                                      | 8528, 8548G                  | 4*           | 3       | 2          | 3      |
| LJ380CV3-10                          | 1920DR                       | 3            | 3       | —          | 3      |
|                                      | 8548G                        | 4            | —       | 2          | —      |
| LJ8150                               | 8580                         | 3            | —       | 2          | —      |
|                                      | 8518, 8519, 8520, 8915, 8914 | 3            | 3       | —          | 3      |
|                                      | 8528                         | 3*           | 3       | —          | 3      |
|                                      | 1920DR                       | 3            | 3       | —          | 3      |
| LJ181                                | 8518, 8519, 8520, 8915       | 3            | 3       | 2          | 3      |
|                                      | 1920DR                       | 3            | 3       | —          | 3      |
| LJ3552C                              | 8518, 8519, 8520, 8915       | 2/1          | 2/1     | —          | 2/1    |
|                                      | 1920DR                       | 2/1          | 2/1     | —          | 2/1    |
| LJ3630-20                            | 8518, 8519, 8520, 8915       | —            | 2       | —          | 2      |
|                                      | 1920DR                       | —            | 2       | —          | 2      |
| LJ3650-10<br>LJ3650-114              | 8518, 8519, 8520, 8915       | —            | 2       | —          | 2      |
|                                      | 1920DR                       | —            | 2       | —          | 2      |
| LJ3730-50<br>LJ3730-60               | 8518, 8519, 8520, 8915       | —            | 2       | —          | 2      |
|                                      | 1920DR                       | —            | 2       | —          | 2      |

See complete details in current 3M Product Bulletin for your media

www.3Mgraphics.com

## Roland® SOLJET Pro III Series Printers with Eco-Sol Max Series Inks

For CMYK/CLM colors only\*

| 4 MIL FILM            | Graphic Construction   | Graphic Type |         |        |
|-----------------------|------------------------|--------------|---------|--------|
|                       |                        | Vehicle      | Outdoor | Indoor |
| LJ160-10<br>LJ160C-10 | 8518, 8519, 8520, 8915 | 2            | 2       | 2      |
|                       | 8528                   | 2            | 2       | 2      |
| LJ162                 | 1920DR                 | 2            | 2       | 2      |
|                       | 3645                   | —            | —       | 1      |
| LJ3470                | 8518, 8519, 8520, 8915 | 2            | 2       | 2      |
|                       | 1920DR                 | 2            | 2       | 2      |
| LJ3555                | 8518, 8519, 8520, 8915 | 2            | 2       | 2      |
|                       | 1920DR                 | 2            | 2       | 2      |

| REFLECTIVE FILM | Graphic Protection |   |   |   |
|-----------------|--------------------|---|---|---|
|                 |                    |   |   |   |
| LJ680           | 8518, 8519         | 3 | 3 | 3 |
|                 | 1920DR             | 3 | 3 | 3 |
| LJ5100R         | 8518, 8519         | 2 | 2 | 4 |
|                 | 1920DR             | 2 | 2 | 4 |

### Notes

Overlaminate 8528 or 8548G: Includes 2 year horizontal warranty only where starred \*.

Total Ink Coverage: 270% for most films; 250% for all reflective films.

Film LJ380CV3 Restriction: Use film LJ380CV3 with overlaminate 8580 or 8548G for autowraps & watercraft only.

\* Silver and White Inks: NOT APPROVED for the Performance Guarantee.

Film LJ3552C: 2 years when applied to flat and simple curved surfaces; 1 year when applied to compound curved surfaces, heated and stretched to conform.

**3M Graphic Films and Media for Inkjet Printing with a 3M Performance Guarantee**  
*Some Films and Graphic Protection may not be used with your printer and ink. Always refer to the applicable Product Bulletin or Warranty Matrix for the recommended graphic construction.*

| Film/Media  | Mils or Weight | Color             | Adhesive Features  | Product Bulletin |
|---|----------------|-------------------|--|------------------|
| 3M™ Envision™ Print Wrap Film 480CV3  | 2              | White             | PA/CV3 High performance non-PVC, Silexable, Repositionable, Non-visible air release channels, Removable  | 480CV3           |
| 3M™ Controltac™ Graphic Film L1160-10   | 4              | White             | PA Silexable, Repositionable, Removable  | PJ1160/160C      |
| 3M™ Controltac™ Graphic Film L1160C-10  | 4              | White             | PA Same as L1160 with Comply adhesive air release channels   | PJ1162           |
| 3M™ Controltac™ Graphic Film L1162-10   | 4              | White or Clear    | PA Silexable, Repositionable, Removable  | PJ1170CV3        |
| 3M™ Scotchcal™ Graphic Film with Comply™ Adhesive L1170CV3-10   | 2              | White             | PS/CV3 Conformable over rivets and corrugations, Non-visible air release channels; Improved air flow; Removable with heat and/or chemicals; Suitable for watercraft. Value-priced premium film!                                      |                  |
| 3M™ Controltac™ Graphic Film L1180-10   | 2              | White             | PA Silexable, Repositionable, Conformable over rivets and corrugations; Removable and/or chemicals; Suitable for watercraft  | PJ1180/180C      |
| 3M™ Controltac™ Graphic Film with Comply™ Adhesive L1180C-10  | 2              | White             | PA/C Same as L1180 with original Comply adhesive air release channels  |                  |
| 3M™ Controltac™ Graphic Film with Comply™ V3 Adhesive L1180CV3-10   | 2              | White             | PA/CV3 Same as L1180 with Comply V3 adhesive non-visible air release channels; Improved air flow   | PJ1181           |
| 3M™ Scotchcal™ Graphic Film L1181   | 2              | White             | PS Designed for application to stainless steel; permanent  |                  |
| 3M™ Controltac™ Graphic Film with Comply™ Adhesive L1380CV3-10  | 2              | White             | PA/CV3 Silexable, Repositionable, Non-visible air release channels; excellent air flow; Highly conformable over rivets and corrugations; Removable without heat or chemicals; For vehicle and watercraft wraps only                  | PJ1380CV3        |
| 3M™ Scotchcal™ Graphic Film L13470  | 4              | White             | PS Removable   | PJ13470          |
| 3M™ Controltac™ Removable Graphic Film with Comply™ Adhesive 3545C  | 4              | White             | PA/C Polyolefin; Silexable, Repositionable, Air release channels; Removable  | 3545C            |
| 3M™ Controltac™ Changeable Graphic Film with Comply™ Adhesive L1352C  | 2              | White             | PA/C Silexable, Repositionable, Air release channels; Changeable   | PJ1352C          |
| 3M™ Scotchcal™ Translucent Graphic Film L1360-50  | 2              | White translucent | PS Superior tactile characteristics; Permanent   | L1360/0730       |
| 3M™ Envision™ Translucent Film L13720-50 or L13720-60   | 2              | White translucent | PS Clear synthetic fiber; Permanent; Optimized for LED lighting applications   | L1360/0730       |
| 3M™ Scotchcal™ Graphic Film L13650-10, L13650-14  | 2              | White or Clear    | PS Permanent   | PJ13650          |
| 3M™ Scotchlite™ Reflective Graphic Film L15100R   | 6              | Reflective white  | PS Removable from approved flat painted substrates   | 5100R            |
| 3M™ Scotchlite™ Reflective Graphic Film L15100  | 6              | Reflective white  | PS Permanent   | 5100             |
| 3M™ Scotchlite™ Reflective Graphic Film L1890-10  | 7.8            | Reflective white  | PA Silexable; Conformable over corrugations and rivets; Permanent  | PJ1890           |
| 3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive L1890CH-10  | 7.8            | Reflective white  | PA/C Silexable only; Air release channels; Conformable over corrugations and rivets; Removable   | PJ1890R          |
| 3M™ Scotchcal™ Clear View Graphic Film L18150   | 2              | Clear             | PS Optically clear; Removable  | PJ18150          |
| 3M™ Envision™ Gloss Wrap Overlaminate 8548G   | 2              | Clear             | PS Gloss; High performance non-PVC   | GP-1             |
| 3M™ Scotchcal™ Gloss Overlaminate 8518  | 2              | Clear             | PS Luster or Matte, for selected sign graphics   | GP-1             |
| 3M™ Scotchcal™ Luster Overlaminate 8519 or Matte Overlaminate 8520  | 2              | Clear             | PS Luster for most graphics of Matte for most graphics except reflective film  | GP-1             |
| 3M™ Scotchcal™ Gloss Overlaminate 8528  | 2              | Clear             | PS Gloss; high performance, superior UV protection   | GP-1             |
| 3M™ Scotchcal™ Optically Clear Overlaminate 8914  | 1              | Clear             | PS Gloss; optically clear, for use with film L18150 only   | GP-1             |
| 3M™ Scotchcal™ Luster Overlaminate 8908 or Matte Overlaminate 8909  | 2              | Clear             | PS Luster or Matte for selected use on film L1380CV3 only  | GP-1             |
| 3M™ Scotchcal™ Gloss Overlaminate 8990  | 1.2            | Clear             | PS Gloss; for vehicle wraps using film L1380CV3 only   | GP-1             |
| 3M™ Scotchcal™ Ultra-Matte Overlaminate 8915  | 2              | Clear             | PS Ultra-matte, for reducing glare   | GP-1             |
| 3M™ Scotchcal™ Luster Overlaminate 3845   | 8              | Clear             | PS Luster, for floor graphics  | GP-1             |
| 3M™ Screen Print Dirt Resistant Glass Clear 1820DR  | na             | Clear             | None Gloss; screen print clear   | 1900             |
| 3M™ Screen Print UV Gloss Clear 9740  | na             | Clear             | None Gloss; UV-cured screen and inkjet clear   | UV Clears        |
| 3M™ Controltac™ Comply™ Envision™, FantasyGraphics™, Scotchcal™, Scotchlite™ and Ultra™ are trademarks of 3M Company.   |                |                   | Film is white opaque unless otherwise noted.   |                  |
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Warranty and Limitations: This Release is made in lieu of all other express or implied warranties, including any implied warranty of merchantability of fitness for a particular purpose. 3M makes no representation, warranty or assurance, in the film or media's Product Bulletin. Also see the Commercial Graphics Warranty Brochure which gives the terms, additional limitations of the warranty, if any, and limitations of liability.

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 General 1-878-820-5000



# Performance Guarantee Printer, Ink, Film and Graphic Protection Matrix

3M Graphic Films

GET MORE INFORMATION!  
Click the Printer / Ink you are using to open its Warranty Table and see which ink colors are approved for use.  
Click on the 3M Graphic Film or Graphic Protection to open its Product Bulletin.

| Manufacturer               | Printer                               | Inks                   | Notes | LJ180-10 | LJ180C-10 | LJ180Cv3-10 | LJ170Cv3 | LJ181 | LJ380Cv3-10 | 480Cv3 | LJ3552C | LJ8150 | LJ3730-50 | LJ3730-80 | LJ3630-20 | LJ3650-10 | LJ3850-114 | LJ160-10 | LJ160C-10 | LJ162-10 | LJ3470 | 3545C | LJ3555 | LJ880 | LJ880CR | LJ5100R | LJ5100 |
|----------------------------|---------------------------------------|------------------------|-------|----------|-----------|-------------|----------|-------|-------------|--------|---------|--------|-----------|-----------|-----------|-----------|------------|----------|-----------|----------|--------|-------|--------|-------|---------|---------|--------|
| Muhco                      | Sprinter, Blizzard                    | MS Plus                | A     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            | Toucan                                | Toucan Solvent         |       | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            | Toucan LT                             | LT Ink Series          |       | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            | Toucan LT, Falcon II                  | Eco-Ultra™ Series      | A     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            | ValueJet 1204, 1304, 1604, 1614, 1618 | Eco-Ultra™ Series      | A     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            | ValueJet 1324, 1624, 1638             | Eco-Ultra™ Series      | A     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            | ValueJet 1608                         | MIBIO                  | A     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            | Doc                                   | LJ6510                 |       | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            |                                       | LJ6930                 |       | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
|                            |                                       | LJ6930, CS9080, CS9180 |       | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       | •      |
| Rolund®                    | SOLJET PRO II Series                  | ECO-SOL MAX            | A     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | SOLJET PRO III Series                 | ECO-SOL MAX            | A     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | VersaCAM®                             | ECO-SOL MAX            | A     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Advanced Jet A/J                      | EcoXtreme I            | A, D  | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
| Sekko   Imitech            | ColorPrinter™ 645                     | Eco-Outdoor            |       | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | ColorPrinter™ H and HZ Series         | Eco-Outdoor-4X         |       | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
| EFI™ VUTECH®               | GS2000, 3200, 3220                    | GS Series 2 UV         | A, B  | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | GS220                                 | GS220 UV               | A, B  | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | GS2200i, 3250i                        | DS1 UV                 | A, B  | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | 150, X300, X390                       | UltraVu Series 5       |       | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
| Graphic Protection Options | Overlaminate 8218                     |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Overlaminate 8319                     |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Overlaminate 8320                     |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Overlaminate 8328                     |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Overlaminate 8346G                    |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Overlaminate 8315                     |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Overlaminate 8314                     |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Clear 15920R                          |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Clear 5740                            |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
|                            | Overlaminate 8308A500                 |                        | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       | •       |        |
| Overlaminate 8360          |                                       | •                      | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       |         |        |
| Overlaminate 8645          |                                       | •                      | •     | •        | •         | •           | •        | •     | •           | •      | •       | •      | •         | •         | •         | •         | •          | •        | •         | •        | •      | •     | •      | •     | •       |         |        |

Graphic Protection Options  
Graphic protection is required. Some films or films may not be approved with some options labels. Refer to the Warranty Period table for your printer and ink combination. Contact us at [3m.com/graphicprotection](http://3m.com/graphicprotection) or the nearest 3M Product Bulletin desk for a graphic protection option.

### NOTES

- Use per recommendations in the specific Product Bulletin.
- These films, when printed with the ink, are not warranted for use on corrugated surfaces. Other films may not be recommended for corrugations under any circumstances.
- Use Film L390Cv3 with overlaminate 8320 or 8346G for advantages and watercraft only.
- This clear is not compatible with the ink series in the corresponding row.
- UV rates can be brittle, stretching, handling and working around some curves may cause ink cracking.
- Use with VersaCAM/MS Series printers only.
- 270% for most films and printers. Exceptions: 250% for all Rolund, Film and Murali, JVS Series with HS ink series.
- With the exception of 3M standard products, 3M does not represent that any printer or printer accessory recommended in 3M literature will meet customer requirements, any federal, state or local regulations or any applicable safety standards. Self-determination is the responsibility of the printer owner.
- The 3M Performance Guarantee warrants the labeling for 3M Graphic Films and Graphic Protection physical defects, manufacturing defects, printing and cutting defects due to media, label Warranty Period. Fitness for use, adhesive to specified substrates, and removal of the overlaminate is not warranted. The only remedy available is replacement of 3M products used in the combination. See the 3M Commercial Graphics Warranty Brochure for complete details.





Performance Guarantee Printer, Ink, Film and Graphic Protection Matrix

3M Graphic Films

GET MORE INFORMATION  
which ink codes are approved for use.  
Click on the 3M Graphic Film or Graphic Protection to open its Product Bulletin.

Table with columns: Manufacturer (Agfa, DuPont, EPRON, HP DesignJet, HP ColorSpan, HP Scitox, Mimaki), Printer (Jeti 3312, Rho 500R, Stylus Pro G58000, SureColor S70670, DesignJet L25500, DesignJet L26500, DesignJet 8000, DisplayMaker Z1UV, DesignJet H35000, LX600, LX600, LX820, LX850, DesignJet L65500, LX600, LX800, LX820, LX950, T.J.600, T.J.800, T.J.9500, T.J.8600, X1.1200, X1.1900, JV33, CAY30 Series, UV Series, ES Series, JVS Series, JVS Series, HS Series), Ink (ET, HL-V2, Rho Roll v3 UV, UltraChrome OS, UltraChrome G52, UltraChrome GSX, HP 783 Latex, HP 792 Latex, HP 790, HPSC200, HP 788UV, HP LX600 Latex, HP LX810 Latex, T.J.100 Supreme, T.J.200 UV, T.J.210UV, X1.200, X1.300 Supreme, S521 Series, MS, S52 Series, ES Series, JVS Series, HS Series), Notes, and a grid of compatibility dots for various printer models (LJ180-10 to LJ5100).

Graphic Protection Options  
Graphic Protection is required. Some films may not be approved with some options listed. Refer to the product bulletin for more information. All high surface contaminants on the base film's provided Bulletin before selecting a graphic protection option.

NOTES

- Use per recommendations in this media's Product Bulletin.
- Use film L380C0 with overprints 6590 or 6596 for substrates and watercut only.
- These films when printed with this ink, are not warranted for use on contaminated surfaces. Other films may not be recommended for applications under any circumstances.
- Use this ink only for graphics applied to flat or slightly curved surfaces with no creases.
- This clear is not compatible with the ink series in the corresponding row.
- Some UV films can be brittle, stretching, tearing and applying to some curves may cause ink cracking.
- These films are not recommended or warranted for use on standard vehicles or outdoor graphics.
- 270% for most films and printers. Exceptions: Z99K for all Rollable Films and Internal JVS Series Printer with HS Ink Series.

Performance Guarantee  
The 3M Performance Guarantee warrants the following for 3M Graphic Film and Graphic Protection physical defects, manufacturing defects, printing and curing defects due to media, related University Printed/Stratus for use, adherence to specified substrate, and removal for remediation purposes only. This is not a blanket graphics warranty. The only remedy available is replacement of 3M Product used in the application. See the 3M Commercial Graphics Warranty Booklet for complete details.

**3M Graphic Films and Media for Inkjet Printing with a 3M Performance Guarantee**  
*Some Films and Graphic Protection may not be used with your printer and Ink. Always refer to the applicable Product Bulletin or Warranty Matrix for the recommended graphic constructions.*

| Film/Media   | Mils or Weight | Color             | Adhesive | Features  | Product Bulletin |
|--|----------------|-------------------|----------|---|------------------|
| 3M™ Envision™ Print Wrap Film 480C-V3  | 2              | White             | PACV3    | High performance non-PVC, Slidable, Repositionable, Non-visible air release channels, Removable   | 480C-V3          |
| 3M™ Controlac™ Graphic Film L1180-10   | 4              | White             | PA       | Slidable, Repositionable, Removable   | 480C-V3          |
| 3M™ Controlac™ Graphic Film L1180C-10  | 4              | White             | PAC      | Same as L1180 with Comply adhesive air release channels   | PL1180/150C      |
| 3M™ Controlac™ Graphic Film L1182-10   | 4              | White or Clear    | PA       | Slidable, Repositionable, Removable   | PL1182           |
| 3M™ Scotchcal™ Graphic Film with Comply™ Adhesive L11700C-V3-10                    | 2              | White             | PS/CV3   | Conformable over rivets and corrugations, Non-visible air release channels, Improved air flow, Removable with heat and/or chemicals, Suitable for watercraft, <i>Value-priced premium film!</i>             | PL11700C-V3      |
| 3M™ Controlac™ Graphic Film L1180-10   | 2              | White             | PA       | Slidable, Repositionable, Conformable over rivets and corrugations, Removable and/or chemicals, Suitable for watercraft   | PL1180/180C      |
| 3M™ Controlac™ Graphic Film with Comply™ Adhesive L1180C-10                        | 2              | White             | PAC      | Same as L1180 with original Comply adhesive air release channels  | PL1181           |
| 3M™ Controlac™ Graphic Film with Comply™ V3 Adhesive L1180C-V3-10                  | 2              | White             | PACV3    | Designed for application to stainless steel, permanent  | PL1181           |
| 3M™ Scotchcal™ Graphic Film L1181  | 2              | White             | PS       | Slidable, Repositionable, Non-visible air release channels, excellent air flow, Highly conformable over rivets and corrugations, Removable without heat or chemicals, For vehicle and watercraft wraps only | PL1181           |
| 3M™ Controlac™ Graphic Film with Comply™ Adhesive L1380C-V3-10                     | 2              | White             | PACV3    | Slidable, Repositionable, Non-visible air release channels, excellent air flow, Highly conformable over rivets and corrugations, Removable without heat or chemicals, For vehicle and watercraft wraps only | PL1380C-V3       |
| 3M™ Scotchcal™ Graphic Film L13470   | 4              | White             | PS       | Removable   | PL13470          |
| 3M™ Controlac™ Removable Graphic Film with Comply™ Adhesive 3545C                  | 4              | White             | PAC      | Polyolefin, Slidable, Repositionable, Air release channels, Removable   | 3545C            |
| 3M™ Controlac™ Changeable Graphic Film with Comply™ Adhesive L1352C                | 2              | White             | PAC      | Slidable, Repositionable, Air release channels, Changeable  | PL1352C          |
| 3M™ Scotchcal™ Translucent Graphic Film L13630-20                                  | 2              | White translucent | PS       | Superior layflat characteristics, Permanent   | L13630/3730      |
| 3M™ Envision™ Translucent Film L13720-50 or L13720-60                              | 2              | White translucent | PS       | Clear synthetic fiber, Permanent, Optimized for LED lighting applications   | L13630/3730      |
| 3M™ Scotchcal™ Graphic Film L13650-10, L13650-114                                  | 2              | White or Clear    | PS       | Permanent   | PL13650          |
| 3M™ Scotchlite™ Reflective Graphic Film L15100R                                    | 6              | Reflective white  | PS       | Removable from approved flat painted substrates   | 5100R            |
| 3M™ Scotchlite™ Reflective Graphic Film L15100                                     | 6              | Reflective white  | PS       | Permanent   | 5100             |
| 3M™ Scotchlite™ Reflective Graphic Film L1880-10                                   | 7-8            | Reflective white  | PA       | Slidable, Conformable over corrugations and rivets, Permanent   | PL1880           |
| 3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive L1880CR-10 | 7-8            | Reflective white  | PAC      | Slidable only, Air release channels, Conformable over corrugations and rivets, Removable  | PL1880CR         |
| 3M™ Scotchcal™ Clear View Graphic Film L18150                                      | 2              | Clear             | PS       | Optically clear, Removable  | PL18150          |
| 3M™ Envision™ Gloss Wrap Overlaminate 85483  | 2              | Clear             | PS       | Gloss, High performance non-PVC   | GP-1             |
| 3M™ Scotchcal™ Gloss Overlaminate 8518   | 2              | Clear             | PS       | Luster or Matte, for selected sign graphics   | GP-1             |
| 3M™ Scotchcal™ Luster Overlaminate 8519 or Matte Overlaminate 8520                 | 2              | Clear             | PS       | Luster for most graphics or Matte for most graphics except reflective film  | GP-1             |
| 3M™ Scotchcal™ Gloss Overlaminate 8528   | 2              | Clear             | PS       | Gloss, high performance, superior UV protection   | GP-1             |
| 3M™ Scotchcal™ Optically Clear Overlaminate 8914                                   | 1              | Clear             | PS       | Gloss, optically clear, for use with film L18150 only   | GP-1             |
| 3M™ Scotchcal™ Luster Overlaminate 8806 or Matte Overlaminate 8900                 | 2              | Clear             | PS       | Luster or Matte for selected uses on film 3545C   | GP-1             |
| 3M™ Scotchcal™ Gloss Overlaminate 8580   | 1.2            | Clear             | PS       | Gloss, for vehicle wraps using film L1380C-V3 only  | GP-1             |
| 3M™ Scotchcal™ Ultra-Matte Overlaminate 8915                                       | 2              | Clear             | PS       | Ultra-matte, for reducing glare   | GP-1             |
| 3M™ Scotchcal™ Luster Overlaminate 3945  | 8              | Clear             | PS       | Luster, for floor graphics  | GP-1             |
| 3M™ Screen Print Dirt Resistant Gloss Clear 1920DR                                 | 8              | Clear             | None     | Gloss, screen print clear   | 1900             |
| 3M™ Screen Print UV Gloss Clear 9740i  | 8              | Clear             | None     | Gloss, UV-cured screen and inkjet clear   | UV Clears        |

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Warranty and Limitations. This warranty is made in lieu of all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose. All 3M products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in the film or media's Product Bulletin. Also see the Commercial Graphics Warranty Brochure, which gives the terms, additional limitations of the warranty, if any, and limitations of liability.

Film is white opaque unless otherwise noted.  
 PS = Pressure-sensitive adhesive  
 PS/CV3 = Pressure-sensitive with Comply V3 Adhesive  
 PA = Pressure-activated adhesive  
 PAC = Pressure-activated with Comply adhesive  
 PACV3 = Pressure-activated with Comply V3 Adhesive

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3M Graphics Warranties

3M™ MCS™ Warranty

3M Performance  
Guarantee

3M Basic Product  
Warranty

Rock  
Solid

Your Choice For Peace Of Mind

3M



Vehicle Wraps



Window Graphics



Wall Graphics

# 3M Reliability. Every Application. Every Film.



Commercial Wraps

When you've made the decision that only the best will do, why look anywhere else? 3M offers you a choice of graphic materials and a choice of warranties that give you everything you need. Starting with peace of mind.

# 3M Graphics Warranties At A Glance

|   |  | 3M Basic<br>Product<br>Warranty<br>for<br>All 3M Graphic<br>Products | 3M<br>Performance<br>Guarantee<br>for<br>Specific 3M Inkjet<br>Products with<br>Qualified OEM Inks | 3M™<br>MCS™<br>Warranty<br>for<br>Finished Graphics<br>made using all 3M<br>Graphic Products |
|---|--|--|--|--|
| <b>Coverage</b>   |  |  |  |  |
| <b>Physical Defects<br/>in 3M Product</b>   | Obvious damage for any reason                            | ✓  | ✓  | ✓  |
| <b>Manufacturing<br/>Defects and Ink<br/>Performance</b>  | Visual defects   | ✓  | ✓  | ✓  |
|   | Adhesive defects   | ✓  | ✓  | ✓  |
|   | Adhesion failure on recommended<br>substrates            |  | ✓  | ✓  |
| <b>Printing Defects<br/>and Ink<br/>Performance</b>   | Image defects when printing                              |  | ✓  | ✓  |
|   | Excessive image fading                                   |  |  | ✓  |
|   | Image cracking, crazing or peeling                       |  |  | ✓  |
|   | Blistering   |  |  | ✓  |
|   | Excessive dimensional change                             |  |  | ✓  |
| <b>Cutting Defects</b>  | Clean cutting and weeding                                |  | ✓  | ✓  |
| <b>Graphic Appearance</b>   | As defined in Product Bulletin for<br>3M Products only   |  | ✓  | ✓  |
| <b>Warranty Period</b><br>for specific graphic<br>constructions   | As defined in base film's<br>Product Bulletin            |  | ✓  | ✓  |
| <b>Removal</b>  | Removable or changeable films do<br>not remove as stated |  | ✓  | ✓  |
| <b>Additional Coverage</b><br>for 3M™ Panaflex™ Awning<br>and Sign Facing and 3M™<br>Panagraphics™ Flexible<br>Substrates | Seam or splice failure when made<br>as recommended       |  |  | ✓  |
|   | Blowout when used as<br>recommended                      |  |  | ✓  |
|   | Mildewing  |  |  | ✓  |
|   | Wicking  |  |  | ✓  |

Just enough protection for many promotional graphics.

# 3M Basic Product Warranty

## What 3M Guarantees for 3M Graphic Products

### Individual Product Limited Warranty

3M warrants to the Distributor, Graphics Manufacturer and End User for whom a graphic was produced that each 3M Product will be free of the defects listed below and manufactured to the specifications described in the applicable Product Bulletin in effect at the time of purchase. Additional warranties, if any, offered by the Distributor or Graphics Manufacturer are separate and exclusive of the 3M Warranty.

### Definitions

Please see a complete list of definitions at the end of this document, which will help you understand the terms of the Warranty.

### Expected Performance Life

Expected Performance Life is a reliable expectation of the period of time that the unprinted, unprocessed 3M Product should perform satisfactorily for its intended purpose when applied to flat, vertical substrates in a non-abusive environment. Expected Performance Life is not a warranted period of time.

### Defect Coverage

This coverage applies only when the defect results in the 3M Product not meeting the description stated in the applicable Product Bulletin and whether such defects affect the usefulness of the Graphic as determined by customary industry standards.

- **Physical Defects.** Defects incurred during 3M manufacturing processes, packaging or shipment.
- **Manufacturing Defects.** Visual and adhesive defects due to 3M manufacturing processes.
- **Graphic Appearance Defects.** Defects such as excessive dimensional change or loss of adhesion or reflectivity that makes the graphic visually unsuitable for its intended purpose when viewed with the intended lighting, angle and distance for such a graphic, as determined by customary industry standards.

### Warranty Limitations

3M Product Bulletins may include limitations specific to the 3M Product(s) being used or its intended applications, which take precedence over any statement made in this Warranty Brochure. Bulletins may be obtained at [www.3Mgraphics.com](http://www.3Mgraphics.com).

These limitations apply when the Basic Product Warranty is the only warranty offered, and are due to factors over which 3M has no control, including the wide variety of ink, printing and manufacturing processes that may be employed.

- **Fitness for Use Limitation.** 3M may recommend but does not warrant fitness for any particular use or any particular compatible products.

- **Product Misuse Limitation.** This warranty does not cover graphic products that are modified or damaged through improper storage, misuse, abuse, accident, vandalism, neglect or mishandling of processed or unprocessed products by any person.
- **Printing and Visual Appearance Limitation.** No warranty is given for satisfactory printing, including but not limited to type or manufacturer of ink, color fidelity or density.
- **Adhesion, Changeability and Removability Limitation.** No warranty is given for initial or long term adhesion or the ease or efficiency of removing a film identified as changeable or removable.
- **Damage to the Substrate.** No warranty is given for damage to the substrate due to the effect of the adhesive, ink bleed through or fading.

### Remedies and Limitation of Liability

3M's sole liability under the terms of the Basic Product Warranty is credit or replacement of the 3M Product. 3M requires samples of the defective 3M Product and the return of the remaining unused 3M Product before a claim is evaluated for approval.

Guaranteeing the performance of 3M inkjet films, graphic protection and application tape when used with over 40 OEM inks and printers.

# 3M Performance Guarantee

## What 3M Guarantees for Specific 3M Inkjet Products with Qualified OEM Inks

### Individual Product Limited Warranty

3M warrants to the Distributor, Graphics Manufacturer and End User for whom a graphic was produced that when the 3M Product is used according to 3M's written guidelines, it will be suitable for the recommended types of graphics and end uses, and will perform satisfactorily for the Warranty Period as stated in the applicable 3M Product Bulletin in effect at the time of purchase. Additional warranties, if any, offered by the Distributor or Graphics Manufacturer are separate and exclusive of the 3M Warranty.

### Definitions

Please see a complete list of definitions at the end of this document, which will help you understand the terms of the 3M Warranty.

### Warranty Period

The Warranty Period for the 3M Performance Guarantee is a period of time during which 3M guarantees that the 3M Products used in a graphic, but not the OEM ink and therefore not the finished graphic, will perform as stated in the 3M Base Film's current Product Bulletin when the 3M Product is processed, used and applied according to 3M's Product and Instruction Bulletins.

### Defect Coverage for all 3M Graphic Products

This coverage applies only when the defect results in the 3M Product not meeting the description stated in the applicable Product Bulletin and whether such defects affect the usefulness of the Graphic as determined by customary industry standards.

- **Physical Defects.** Defects incurred during manufacturing, packaging or shipment.
- **Manufacturing Defects.** Visual and adhesive defects that prevent using the Product as described in its Product Bulletin, including adhesion to the recommended substrates and removal when using removable or changeable film.
- **Printing Defects.** Artifacts or misprints that occur due to a defect in the 3M Product when printing on 3M Graphic Films specified in the 3M Performance Guarantee Matrix and using the 3M-qualified printers and OEM inks.
- **Cutting Defects.** Clean cutting and weeding characteristics when cut as recommended in the film's Product Bulletin.
- **Graphic Appearance Defects.** Defects such as excessive dimensional change, loss of adhesion or loss of reflectivity of 3M Graphic Films that makes the graphic visually unsuitable for its intended purpose when viewed with the intended lighting, angle and distance for such a graphic.

### Warranty Limitations

3M Product Bulletins may include limitations specific to the 3M Product(s) being used or its intended applications, which take precedence over any statement made in this Warranty Brochure. Bulletins may be obtained at [www.3Mgraphics.com](http://www.3Mgraphics.com).

These limitations apply when the 3M Performance Guarantee is the only warranty offered, and are due to factors over which 3M has no control, including the wide variety of printing

and manufacturing methods that may be employed.

- **Fitness for Use Limitation.** 3M makes no claim for fitness of use other than those described in the applicable Product Bulletins in effect at the time of purchase.
- **Product Misuse Limitation.** This warranty does not cover graphic products that are modified or damaged through improper storage, misuse, abuse, accident, vandalism, neglect or mishandling of processed or unprocessed products by any person.
- **Ink Performance Limitation.** 3M does not warrant the 3M Graphic Product if failure is due to performance or appearance issues related to the OEM inks used, such as image fading, cracking, peeling or any other issues associated with the printing ink.
- **Improper Substrate Preparation Limitation.** 3M does not warrant 3M Product failure that results from an improperly cleaned and prepared substrate.
- **Paint Staining Limitation.** 3M does not warrant vehicle paint staining that may be visible after removing an inkjet printed graphic with an overlamine.

### Remedies and Limitation of Liability

3M's sole liability under the terms of the Performance Guarantee is replacement or credit for the defective 3M Products within the Warranty Period of the Product. 3M requires that samples of the failure be submitted when a claim is made and before a remedy is offered.

The gold standard in finished graphics warranties.

# 3M™ MCS™ Warranty

## What 3M Guarantees for Finished Graphics Made Using All 3M Graphic Products

### Individual Product Limited Warranty

3M warrants to the Distributor and Graphics Manufacturer that when the 3M Product is used according to 3M's written instructions, it will be suitable for the recommended types of graphics and end uses, and will perform satisfactorily for the Warranty Period as stated in the applicable 3M Product Bulletins in effect at the time of the Product purchase. Additional warranties, if any, offered by the Distributor are separate and exclusive from the 3M Warranty.

### Finished Product Limited Warranty

3M further warrants to the End User for whom a graphic was produced that when graphics are made using exclusively 3M Graphics Products, 3M will honor all warranties extended to the Distributor or Graphics Manufacturer who sold or produced the graphics as described in the applicable 3M Product and Instruction Bulletins in effect at the time of the Product purchase. Additional warranties, if any, offered by the Distributor or Graphics Manufacturer are separate and exclusive from the 3M Warranty.

### Definitions

Please see a complete list of definitions at the end of this document, which will help you understand the terms of the 3M Warranty.

### Warranty Period for Finished Graphics

The Warranty Period is the period of time during which 3M guarantees that when all 3M Products are used in a graphic construction, the graphic construction will perform as stated in the 3M Base Film or Substrate's current Product Bulletin when the 3M Products are processed, used and applied according to 3M's Product and Instruction Bulletins.

### Defect Coverage for all 3M Graphic Products

This coverage applies only when the defect results in the 3M Product not meeting the description stated in the applicable Product Bulletin and whether such defects affect the usefulness of the Graphics as determined by customary industry standards.

- **Physical Defects.** Defects incurred during manufacturing, packaging or shipment.
- **Manufacturing Defects.** Visual and adhesive defects that prevent using the 3M Product as described in the applicable Product Bulletin, including adhesion to the recommended substrates.
- **Printing and Ink Defects.** Artifacts or misprints over which the graphics manufacturer has no control when printing on 3M Graphic Film or 3M Flexible Substrate with the recommended 3M Inks or 3M Toners and related imaging equipment.
- **Cutting Defects.** Clean cutting and weeding characteristics when cut as recommended in the applicable 3M Product Bulletin.

- **Finished Graphic Appearance Defects.** Defects, including those attributed to 3M ink, such as excessive fading, discoloration, cracking, crazing, peeling, blistering, excessive dimensional change or loss of adhesion or reflectivity that makes the graphic visually unsuitable for its intended purpose when viewed with the intended lighting, angle and distance for such a graphic, as determined by customary industry standards.

### Warranty Limitations

3M Product Bulletins may include limitations specific to the 3M Product(s) being used or its intended applications, which take precedence over any statement made in this Warranty Brochure. Bulletins may be obtained at [www.3Mgraphics.com](http://www.3Mgraphics.com).

These limitations apply when the 3M™ MCS™ Warranty is the only warranty offered and are due to factors over which 3M has no control, including the wide variety of printing and manufacturing methods that may be employed.

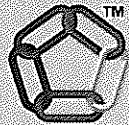
- **Defined End Uses Limitation.** This warranty only applies to 3M Graphics Products that are used by knowledgeable and skilled graphics manufacturers and installers for the end uses and in the combinations described in the applicable 3M Product and Instruction Bulletins. For any other use, the user is responsible for determining the suitability of the Product and for any and all risk or liability associated with that use or application.



Offering peace of mind  
to discriminating users.

- **Product Misuse Limitation.** This warranty does not cover graphic products or finished graphics that are modified or damaged through improper storage, misuse, abuse, accident, vandalism, neglect or mishandling of processed or unprocessed products by any person.

- **Adhesion to Application Surfaces Limitation.**



3M™ MCS™ Warranty

- This warranty does not cover the graphic or damage to the substrate because the layers of the substrate (such as a clear coat and paint on a metal substrate) separate due to a lower bond between those layers than the bond between the graphic and the top layer of the substrate.
- **Weathering Effects Limitation.** Some degradation of 3M Products and Finished Graphics over time is considered normal wear. 3M warrants that at the end of the Warranty Period, the graphics will be in commercially-acceptable service condition from normal viewing distances and the 3M Graphic Products will retain their stated properties.
  - **Printhead Limitation.** 3M does not warrant the performance of printheads. Contact the printer manufacturer for evaluation of any problem.
  - **Improper Substrate Preparation Limitation.** 3M does not warrant product failure that results from an improperly cleaned and prepared substrate.
  - **Paint Staining Limitation.** 3M does not warrant vehicle paint staining that may be visible after removing an inkjet printed graphic with an overlaminant.

- **Glass Breakage Limitation.** This warranty does not cover glass breakage.

### Special Defect Coverage and Warranty Limitations for 3M™ Panaflex™ Awning and Sign Facing Material and 3M™ Panagraphics™ Flexible Substrate

These Defect Coverages and Warranty Limitations apply only to 3M Flexible Substrates and are in addition to other Defect Coverages and Warranty Limitations described in this document.

- **Seam or Splice Failure.** When using a reliable, professional hardware system that is specifically designed for mounting flexible sign materials that meets local, state and national codes, is properly designed and the awning or sign is installed by a professional sign installer, 3M warrants that awning or sign face seams or splices made by 3M or its approved fabricators will not separate, the facing will not delaminate, applied 3M graphics will not have excessive cracking or peeling, and the finished graphic will not excessively stretch, wrinkle or sag for the Warranty Period.
- **Blowout.** An internally-illuminated sign face up to 625 square feet (56.25 square meters) will not be damaged by winds up to the velocities that the sign cabinet is designed to withstand. Blowout is defined as the failure of a seam or splice, tearing of the 3M Product, or separation of a sign face from its cabinet due to wind pressure that does not affect the display cabinet or structure when

3M recommended installation procedures are followed.

- **Mildewing.** These 3M Products will not promote mildew growth, and any such growth will be non-invasive and cleanable by following the 3M-recommended cleaning instructions.
- **Wicking.** These 3M Products will resist wicking, which is the absorption of dirt and contaminants by the internal reinforcing fabric.
- **Remedies and Limitations of Liability.** 3M does not warrant the following items. Also see the Warranty Limitations and Remedies and Limitations of Liability in the following section of this brochure.
  - Damage due to force majeure, such as abnormally high winds or objects being blown against the sign face.
    - Damage to an awning or sign face due to improper frame or sign cabinet construction, installation or tensioning.
    - The reapplication of new graphics to an existing awning or sign face.
    - Cleaning with a pressure washer.
    - Wicking when the 3M Product is not discolored.
    - Vandalism.

# 3M™ MCS™ Warranty

The warranty you want when  
your reputation is on the line.

## Remedies and Limitations of Liability

**3M Products.** For any 3M Graphic Product that does not meet the above warranty terms (for approved warranty claims), upon timely notification, 3M's sole responsibility, and the Distributor, Graphics Manufacturer and End User's exclusive remedy shall be at 3M's option: (A) Credit the full purchase price of all 3M Products used to produce the graphic; or (B) Replace all 3M Products consumed in the manufacture of the graphics.

**No Extension of Warranty.** In the case of an approved warranty claim, the replacement graphic or 3M Products carry only the remaining term of the original graphic or 3M Products' Warranty Period as stated in the applicable 3M Product Bulletin.

## Special Reimbursement Remedies for Specific Approved Warranty Claims

- **Removable and Changeable Films Removal Remedy.** *Does not include Fleet Labor claims.* If the 3M Film described in the applicable 3M Product Bulletin as Removable or Changeable cannot be successfully removed or an excessive amount of adhesive residue remains on the surface exceeding the expectations set in the Base Film's Product Bulletin, 3M will reimburse the purchaser for reasonable and documented additional costs over and above normal labor costs for removal for approved warranty claims.
- **Labor Reimbursement Remedy for Straight Trucks, Semi-Tractors and Semi-Trailers Covered by the Lifetime Warranty.** This remedy is offered *exclusively* to the original graphics purchaser with these limitations: (a) the graphics are made from one of the 3M Products listed below, and (b) applied to new Straight Trucks, Semi-Tractors and Semi-Trailers that (c) are still owned by the original graphics purchaser. The products included in this Remedy are the following 3M Films in white and selected colors as described in the applicable 3M Product Bulletin: 3M™ Controftac™ Graphic Films (with and without Comply™ Adhesive) 180, 180C, 180Cv2, 8620, 8620C, and 3M™ Scotchlite™ Reflective Graphic Film (with and without Comply™ Adhesive) 680, 680CR. For applications that meet these requirements, 3M will reimburse a reasonable portion of the direct costs, based on the pro-rated 3M Product replacement and labor reimbursement described in the Base Film's Product Bulletin, to remove, remake and reapply graphics that meet these requirements for approved warranty claims.
- **Paint Refurbishing Remedy for Commercial Vehicle and Recreational Vehicles.** *Does not include Personal Vehicles Claims.* When (a) graphics are made using exclusively 3M-recommended removable or changeable films, products and procedures, and (b) there is proof that the 3M Pre-Installation Inspection and Record (available in 3M Instruction Bulletin 5.36) was completed, including photographs of the vehicle, before the graphics were installed, 3M will pay a portion of the reasonable costs of refurbishing painted surfaces when the vehicle surface is damaged during film removal (not including damage caused by tools or chemicals) for approved warranty claims. 3M's coverage will not exceed two times (2X) the cost of 3M Products used to mark an individual vehicle and will be limited to an annual disbursement of no more than 2% of the graphics manufacturer's total 3M Products purchased during the calendar year for the production of vehicle graphics. This limitation applies to each manufacturer's total purchases for all locations. The amount of total purchases does not accumulate and cannot be carried over to future years.

## Labor Reimbursement Remedy

**Limitations.** None of the reimbursement remedies described above includes coverage for the following:

- Labor reimbursement for graphics covered by any 3M warranty except the 3M™ MCS™ Warranty.
- Compensation for machine burden, overhead, travel, supervision, lost profits or other consequential damages.
- Compensation for damage to the following substrates resulting from graphic removal, even when using a removable or changeable graphic film.
  - Any interior painted architectural surface (for example, walls).
  - Any surface that has a pre-existing unstable or unsound paint or surface finish.
  - Any surface that has damage, improperly repaired damage, or damage that occurs while the graphic is in use, such as holes in walls or body damage on fleet or vehicles.

## Definitions

|  |   |  |  |
|--|---|--|--|
| Adhesive   | Changeable  | Easily removable with no heat and no adhesive residue.   |  |
|  | Permanent   | Not intended to be removed.  |  |
|  | Removable   | Film is removable when heat is used within the specified time period and leaves no more than 10% adhesive residue on flat and simple curves without rivets, and no more than 30% adhesive residue on rivets and corrugations.  |  |
|  | Pressure Activated  | Adhesive is slideable and repositionable until firm pressure is applied.<br>NOTE: Reflective films with pressure-activated adhesive are slideable only.  |  |
|  | Pressure Sensitive  | Adheres upon contact; is not slideable or repositionable.  |  |
| Base Film  |   | The 3M film or flexible substrate that is decorated with printing or other cut film to create a graphic.   |  |
| Exposure   | U.S. Vertical Exposure  | The face of the graphic is +/- 10° from vertical.  |  |
|  | U.S. Non-vertical Exposure  | The face of the graphic is greater than 10° from vertical and greater than 5° from horizontal. This includes non-vertical surfaces of vehicle wraps or fleet graphics.   |  |
|  | U.S. Horizontal Exposure  | The face of the graphic is +/- 5° from horizontal.   |  |
|  | U.S. Desert Southwest Exposure  | Any outdoor graphic exposed to solar energy more than half of the daylight hours in Arizona, New Mexico and the desert areas of California, Nevada, Utah and Texas is subject to reduced warranties. A detailed map is available at 3Mgraphics.com under Warranties. |  |
| Finished Graphic   |   | A graphic that has been applied to the intended substrate and is considered fully finished.  |  |
| Graphic Construction   |   | The products used to make a graphic, which may include film and/or flexible substrate, graphic protection, ink, printer and application tape.  |  |
| Graphic Protection   |   | Overlamine films or clear coats used to protect the graphic and/or change gloss.   |  |
| Graphic Types<br><i>as identified in<br/>Product Warranty<br/>Matrices</i> | Indoor Signs  | Stationary graphics applied indoors and not exposed to the elements.   |  |
|  | Outdoor Signs   | Stationary graphics applied outdoors and exposed to the elements.  |  |
|  | OEM   | Labels and decorative graphics produced for and used by original equipment manufacturers.  |  |
|  | Vehicle   | Vehicle.   | Buses, vans, passenger vehicles, delivery trucks, pickup trucks, enclosed trailers. Certain restrictions may apply as noted in the applicable Product Bulletin.  |
|  |   | Straight Trucks, Semi-Tractors and Semi-Trailers.  | Straight trucks, semi-tractors and semi-trailers used for commercial business purposes. Excludes air shields. May be eligible for a Lifetime Warranty.   |
|  |   | Recreational Vehicle (RV).   | Vehicles used for personal pleasure, such as campers, motor homes and trailers, that are not used in connection with any commercial or business enterprise.  |
|  |   | Watercraft.  | Boats intended for personal pleasure such as runabouts and speedboats having aluminum and/or smooth fiberglass/gel coat bodies, including boats used in fishing tournaments and off-shore racing boats, but not 1 to 3 person personal watercraft or other boats used in connection with commercial or business enterprise. 3M specifically excludes all other recreational vehicles from this definition. |
|  |   | Rail.  | Rail cars and lead cars of trains, light rail and subways, but not locomotives or engines.   |
|  | Floor Graphics  | Printed graphics with a slip-resistant overlaminate that are applied to selected indoor floor surfaces.  |  |
|  | Sidewalk Signs  | Printed graphics with a slip-resistant overlaminate that are applied to selected outdoor pedestrian walkway surfaces.  |  |
| First Surface  | Film applied to a substrate so the viewer sees the film/image before the substrate.     |  |  |
| Second Surface   | Film applied to a substrate so the viewer sees through the substrate to the film/image. |  |  |

## About These Warranties

The warranties stated in this document are exclusive and are made in place of any and all express or implied warranties or conditions, including any implied warranty of merchantability or fitness for a particular purpose, or any industry practice or custom or trade usage.

The warranties and limited remedies stated in this document may not be modified except in writing and modifications must be signed by the U.S. Commercial Graphics business director. The terms, conditions, limitations and remedies of all warranties are contingent upon using the 3M Products as described in the applicable 3M Product and Instruction Bulletins. Failure to follow the instructions will void all warranties and limited remedies.

**EXCEPT AS SPECIFICALLY STATED IN THIS DOCUMENT, 3M SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, REVENUE OR BUSINESS) RESULTING FROM, OR IN ANY WAY RELATED TO PERFORMANCE, USE OR INABILITY TO USE ANY OF THE 3M PRODUCT OR 3M COMMERCIAL GRAPHICS PRODUCTS.** This limitation applies regardless of the legal theory upon which damages are sought.

## Certificate of 3M™ MCS™ Warranty

Graphics manufacturers who produce graphics made with all 3M Graphics Products, including 3M Ink purchased through a qualified 3M Distributor or 3M Printing Partner, may registered to be recognized with a Certificate of 3M™ MCS™ Warranty. This 3M recognition provides assurance to your customers of your ability to produce graphics covered by the 3M™ MCS™ Warranty. This registration and certificate is not required, however, to offer the warranty. Go to [www.3Mgraphics.com/warrantyregistration](http://www.3Mgraphics.com/warrantyregistration).

## Additional Resources

These information sources are available on our Website at [www.3Mgraphics.com](http://www.3Mgraphics.com).

- Product Bulletins
- Instruction Bulletins
- Digital Printing Warranty Matrices

This document is available as a printed brochure; please contact your 3M sales representative or customer service representative to obtain a copy.

## Commercial Graphics Claims Procedure

### End Users

Contact your graphics manufacturer who may submit a claim on your behalf.

### Distributors and Graphics Manufacturers

If you purchase direct from 3M, the required method for initiating a claim is to use the on-line product quality complaint form, which provides complete details. Go to [www.3mgraphics.com/qualitydirect](http://www.3mgraphics.com/qualitydirect) or call toll-free, 1-800-511-3705 in the U.S. To be eligible for adjustment, 3M must receive notice within sixty (60) days after the reason for the claim was discovered.



**Commercial Graphics**  
3M Center, Building 220-12E-04  
St. Paul, MN 55144 USA  
General & Technical  
Information: 1-800-328-3908

**Stay Informed**  
[www.3Mgraphics.com](http://www.3Mgraphics.com)



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