



# Pre-Installation Inspection Record

## 3M™ Graphic Films Installation for Railcar Exterior and Interior Applications

### Installer Requirements

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1. Carefully and thoroughly examine each railcar and record all potential problem areas prior to installing the graphics. We recommend washing the railcar so that potential problem areas are easily seen.
2. Evaluate the paint or substrate to make sure they are sound and the graphics will have good adhesion. For adhesion specifications, please reference the Product Bulletin for the product(s) being used. An adhesion test kit can be used to test. "Sound substrate" is defined as paint or finish that is free of defects. This includes:
  - (a) **Defects** include, but are not limited to, loose paint, primer, dents, rough surface, repaired spots, body fillers/putty, rust or blistered paint/finish.
  - (b) **Areas where water can collect**, which are more likely to rust, resulting in paint/finish adhesion problem.
3. Circle all areas on the diagrams where your inspection shows that the paint/finish may be unsound, the graphic may adhere poorly, or graphic removal may damage the railcar paint/finish.
4. Photograph all areas that you circled on the diagram as exhibiting unsound paint.
5. Before starting the installation project, be sure that the Recommended Operating Conditions have been met for location, temperature, relative humidity, equipment and illumination. And the railcar is cleaned per **Instruction Bulletin 5.45**.
6. Explain proper graphic maintenance to the railcar Owner/Operator. See **Instruction Bulletin 5.45**.
7. Complete the Pre-Installation Inspection Record (see pages 2–4 in this document).
8. Make and distribute copies to all signing parties.
9. Maintain a file with the original signed form and photographs.

### Warranty Claims and Exceptions

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Failure to obtain a properly executed and signed Pre-Installation Inspection Record prior to graphic installation voids all expressed or implied 3M product warranties.

If the pre-inspection shows the defect was not corrected, the owner of the railcar waives all expressed or implied 3M product warranties on the affected area.

3M makes no warranty (expressed or implied) for paint or existing graphic damage that occurs during the removal of a graphic. See the 3M™ MCS™ Warranty for complete details at [3M.com/graphicswarranties](http://3M.com/graphicswarranties).

To make a claim, please contact your 3M Sales Rep or [click here](#) to view the 3M Graphics Warranty Bulletin. Be prepared to send in:

- (a) A piece of the 3M™ Graphics Film(s) exhibiting the defect.
- (b) A properly executed and signed Pre-Installation Inspection Record, including any available photographs.
- (c) Documented LOT number(s) for each film.

# Pre-Installation Inspection Record

## 3M™ Graphic Films Installation for Railcars



### External Visual Inspection — Complete one page per railcar

|                                   | Right Side | Left Side | Remark | Was Area Corrected and How |
|-----------------------------------|------------|-----------|--------|----------------------------|
| Surface Cleaned Properly          |            |           |        |                            |
| Any Damage on Window / Door Glass |            |           |        |                            |
| Any Damage on Train Body          |            |           |        |                            |
| Any Damage on Door Panel          |            |           |        |                            |
| Any Damage on Nose of Train       |            |           |        |                            |
| Any Other Defects                 |            |           |        |                            |
| Photographs of Defects            |            |           |        |                            |

# Pre-Installation Inspection Record

## 3M™ Graphic Films Installation for Railcars



### **This is a representation of a railcar exterior.**

It is best to use an actual drawing of the railcar provided by the railcar manufacturer.

Circle all areas on the diagrams where your inspection shows that the paint/finish may be unsound, the graphic may adhere poorly, or graphic removal may damage the railcar paint/finish.

[? Upload Image Help](#)

# Pre-Installation Inspection Record

## 3M™ Graphic Films Installation for Railcars



### Internal Visual Inspection — Complete one page per railcar

|  | Right Side | Left Side | Remark | Was Area Corrected and How |
|--|------------|-----------|--------|----------------------------|
| Interior Surface Cleaned Properly  |            |           |        |                            |
| Any Damage on Window / Door Glass  |            |           |        |                            |
| Any Damage on Train Body Interior<br>(e.g., walls)                         |            |           |        |                            |
| Any Damage on Interior Door Panel  |            |           |        |                            |
| Any Damage on Interior Partitions  |            |           |        |                            |
| Any Damage on Interior Ceiling Panels                                      |            |           |        |                            |
| Any Damage on Components Where Wrapping May Occur<br>(e.g., tables, seats) |            |           |        |                            |
| Any Other Defects  |            |           |        |                            |
| Photographs of Defects   |            |           |        |                            |

# Pre-Installation Inspection Record

## 3M™ Graphic Films Installation for Railcars



### **This is a representation of a railcar interior.**

It is best to use an actual drawing of the railcar provided by the railcar manufacturer.

Circle all areas on the diagrams where your inspection shows that the paint/finish may be unsound, the graphic may adhere poorly, or graphic removal may damage the railcar paint/finish.

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# Pre-Installation Inspection Record

## 3M™ Graphic Films Installation for Railcars



### Railcar Information

|                              |     |
|------------------------------|-----|
| Railcar Number               |     |
| Railcar Year, Make and Model |     |
| Railcar Serial / VIN Number  |     |
| Date of Inspection           | / / |
| Inspection Conducted By      |     |

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Upload images of defects as noted on pages 3 and 5.

# Pre-Installation Inspection Record

## 3M™ Graphic Films Installation for Railcars



### Contact Information

|                          | Railcar Owner/Operator | Graphics Printer | Graphics Installer |
|--------------------------|------------------------|------------------|--------------------|
| Company Name             |                        |                  |                    |
| Contact Name             |                        |                  |                    |
| Street Address           |                        |                  |                    |
| Country / State (If APL) |                        |                  |                    |
| City / Zip Code          |                        |                  |                    |
| Phone Number             |                        |                  |                    |
| Email                    |                        |                  |                    |

### Installation Information

|  |  |
|--|--|
| Installation Date  | / /  |
| Operating Conditions Content (Exterior)  |  |
| Films/Overlaminates Used (Interior)  |  |
| Was the substrate cleaned and prepared according to 3M Recommendations?<br>What cleaners were used to prepare the surface? | <input type="checkbox"/> Yes <input type="checkbox"/> No |

### Signatures of All Parties

|  |                    |
|--|--------------------|
| _____<br><i>Installer</i>                | / /<br><i>Date</i> |
| _____<br><i>Agency Representative</i>    | / /<br><i>Date</i> |
| _____<br><i>Railcar Owner / Operator</i> | / /<br><i>Date</i> |



Commercial Solutions Division  
3M Center, Building 220-12E-04  
St. Paul, MN 55144 USA

Phone 1-800-328-3908  
Web 3M.com/Graphics

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