



3M™ MCS™ Warranty

Tested like no other.

Rock solid. Welcome to the most comprehensive graphics warranty in the industry. When you use graphics made from all 3M products, you're protected for virtually any application.

Our graphic solutions stand up, because they're backed by the 3M™ MCS™ Warranty – your peace of mind that every 3M product has been extensively tested for durability and consistency over time.

Guaranteed.

For more warranty information, visit 3M.com/GraphicsWarranties.



Commercial Solutions

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General & Technical Information

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3M Science.
Applied to Life.™

3M™ MCS™ Warranty

Passenger and Freight Rail Graphics

Create a lasting and high-impact impression with no compromise on quality or durability. Stop them in their tracks with 3M wraps.



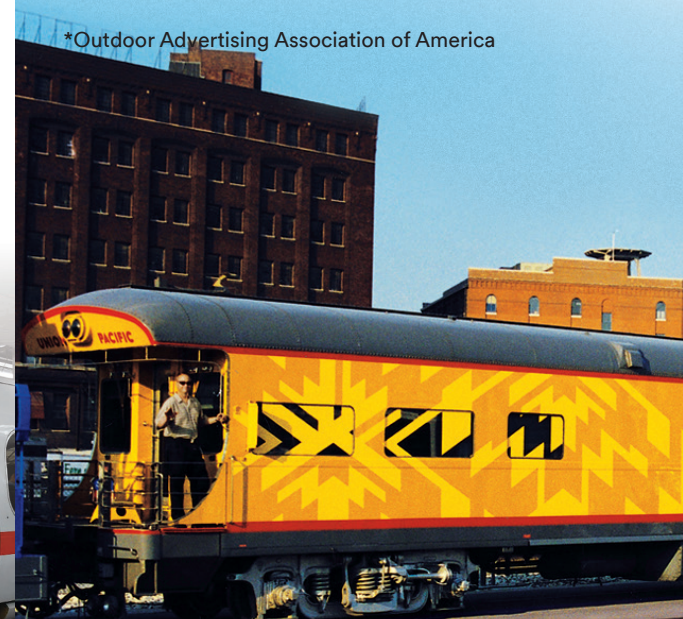
Go the extra mile.

Whether you operate public rail transit or a freight rail company, 3M™ Graphic Films can transform your rail transportation into powerful brand statements for your business.

In fact, a single train wrap can generate between 30,000 and 70,000 impressions a day.* Study after study shows mobile media is the most cost-effective and influential brand promotion available.

Every turn of a corner presents a new opportunity to take your branding the extra mile.

*Outdoor Advertising Association of America





Unwavering confidence.

You built your business – and your branding – to endure. That’s why you invest in graphics that give you the confidence they’ll look good from the day you apply them to the very end of their life.

At 3M, we build our graphic products to last. Since 1902, we’ve been generating breakthrough solutions that deliver high performance and consistent quality. Today, at advanced testing facilities across the globe, we subject our films to rigorous testing for resistance to humidity, UV rays, and more – simulating years of exposure to harsh conditions.

As a Fortune 500 company, 3M continues to revolutionize the graphics industry with new technologies and products to showcase your brand. We’re so confident in our weather science that should your graphic fail on the last day of its warranty, our non-prorated 3M™ MCS™ Warranty covers it like it was Day 1.

Turn heads.

From simple cut letters to full graphics, 3M offers a full suite of films designed specifically for decals, striping, and graphics for passenger and freight rail. Designed to withstand severe weather and handling conditions, as well as top speeds, our films can be applied to flat, curved, and corrugated surfaces.

What’s your surface?

Whether you want to add graphics to the vertical sides of your trains and trams, or around rivets and difficult corrugated panels, 3M has a film to suit any application surface.

- ▶ **Flat surface**
A smooth and even horizontal or vertical surface
- ▶ **Flat with rivets**
Any flat surface with headed pins or bolts
- ▶ **Corrugated surface**
Any surface made up of alternating ridges and grooves



We’ve got you covered.

From print wrap film to color films to perforated window films to specialty reflective graphics and anti-graffiti films, no matter how much of your rail transit you wish to cover, 3M will help you spread the word – while you cover the miles.

Simple Flat Coverage



Partial Wrap Coverage



Full Wrap Coverage



Angle of exposure.

Depending on the size of your graphic coverage, and whether you apply your graphics to a vertical surface (e.g. door panel) or a non-vertical one (e.g. roof), exposure to the elements can affect the duration of your warranty.

Vertical exposure

Any graphic installed on a surface that is at 90°–75°.



Non-vertical exposure

Any graphic installed on a surface that is at 75°–0°.



Create a lasting impression.

3M™ Graphic Films mean bold and exciting.

Maximize first impressions and double-takes with 3M films. More design options. Fast install. Easy removal. Our films wrap horizontal and vertical surfaces – as well as riveted and corrugated ones – with the quality finish you expect from 3M.



Amazing printability.

From subtle effect to maximum wow factor, our wrap films are engineered for excellent print quality, no matter what custom design you have in mind. Vibrant and attention-grabbing, 3M films will bring your designs to life smoothly and seamlessly.

Highly conformable.

Designed to tackle the most demanding curves, contours, or corrugations, 3M films can wrap around just about anything. Easy to handle and install, our films include excellent resistance to lifting, cracking, and peeling, which means no unnecessary repairs or rework – and less downtime for your rail transport.



Easier removal.

Our removable and changeable films are guaranteed to lift with little or no adhesive residue – leaving you with minimal clean-up and your train’s paint job intact. No more extra time or money spent on unnecessary repairs when it comes time to de-identify your fleet.

Extreme durability.

UV rays. High temperatures. Humidity. Even acid dew. Throw everything Mother Nature’s got at 3M wraps and they’ll hold up to the toughest environments. No browning. No staining. No matter the extremes you go to, they’ll meet, or more likely exceed, your performance expectations.