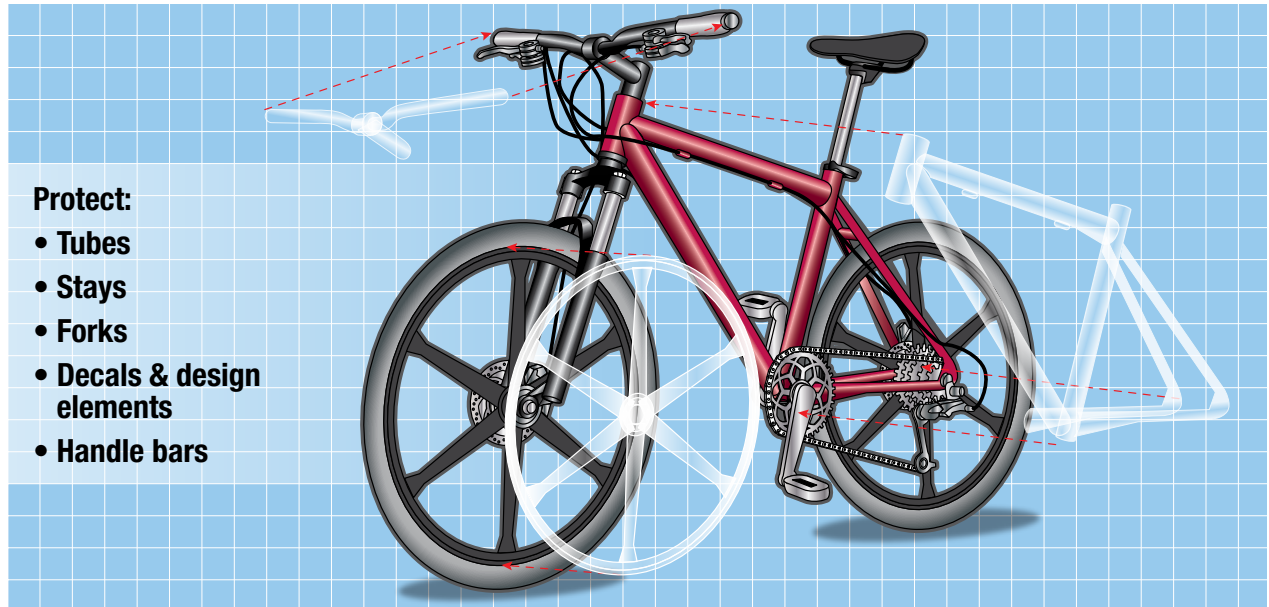


# 3M Application Concept

**Market:** Bicycles (OEM)

**Application Description:** Long-term abrasion and corrosion resistance to protect surfaces on bicycles.



## Key Application Requirements

Film needs to hold reliably to a variety of surfaces such as steel, carbon fiber, carbon steel, aluminum alloys, titanium and other materials. Needs to be long lasting, conformable and easy to install. Film should resist UV rays and create minimal change in surface appearance, even over extended periods of time.

## Product or Process Replaced

No known competitive products are used by OEMs beyond original surface.

## Benefits/Advantages to Customer

### *Engineered for durability:*

Resists damage from abrasion—commonly caused by rocks, sticks and other debris—chemicals like hot tar or oil, tears, punctures and corrosion. Maintains a smooth, long-lasting surface on products that experience frequent wear and abuse such as bicycle frames.

### *Excellent backing transparency:*

Allows for surface protection with minimal distortion of surface design and/or printed information beneath film.

### *Easy-release paper liner:*

Enables die cutting for simple, streamlined application during or after manufacture.

### *UV resistant:*

Protects both indoors and outdoors.

## PRODUCT

3M™ Industrial  
Protective Film 7070UV

3M™ Industrial  
Protective Film 7071UV

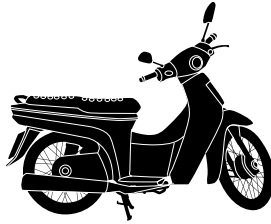
3M Industrial Adhesives  
and Tapes Division

## Related Applications

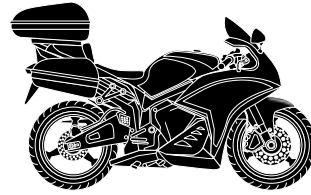
Surface protection on:



Inline Skates



Scooters



Motorcycles

## Related Products

3M™ Temporary Surface Protection Tapes

3M™ Scotchgard™ Multi-Layer Protective Film

## Key Decision Makers

Design Engineers, Quality Control Managers, Production Supervisors/Managers

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### For Additional Information

To request additional product information or to arrange for sales assistance, call 1-800-362-3550. Address correspondence to: 3M Industrial Business Customer Response Center, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55106. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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