**3M Application Concept**

**Market:** Heavy Machinery (OEM)

**Application Description:** Long-term abrasion and corrosion resistance to protect internal and external surfaces on heavy machinery.

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**Key Application Requirements**

Film needs to hold reliably to a variety of surfaces, such as metal, plastic, composites 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 beyond original surface.

**Benefits/Advantages to Customer**

*Engineered for durability:*
Resists damage from abrasion—commonly caused by boots, tools, rocks and other debris—chemicals, tears, punctures and galvanic corrosion. Maintains a smooth, long-lasting surface on equipment that experiences frequent wear and abuse such as excavators, backhoes, skid-steer loaders and more.

*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:*
Withstands outdoor conditions.

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**PRODUCT**

3M™ Industrial Protective Film 7070UV

3M™ Industrial Protective Film 7071UV
Related Applications
Surface protection on:

- Emergency Vehicles
- Delivery Trucks
- 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

For Additional Information

Product Use
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3M
3M Industrial Adhesives and Tapes Division
Building 225-3S-06
St. Paul, MN 55144-1000
1-800-362-3550
3M.com/IATD

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