

# 3M™ Dirt Trap Protection System

## Data Sheet

3M Part No.(s)	3M Part Descriptor(s)
36852	3M™ Dirt Trap Protection Material
36856	3M™ Dirt Trap Protection Film - Clear
36862	3M™ Dirt Trap Protection Material Dispenser
36863	3M™ Dirt Trap Protection Film Dispenser
36861	3M™ Dirt Trap Protection System Intro Kit

### Detailed Product Description

The 3M™ Dirt Trap Protection System includes a specially engineered, adhesive-backed, white non-woven material designed to help protect surfaces like paint booth walls and floors; trap dust, dirt and overspray; and provide a bright, white work area. The system also includes a clear film designed to protect lights and windows from overspray build-up.

### Features, Advantages, Benefits

<b>Features</b>	<ol style="list-style-type: none"> <li>1. Unique non-woven construction</li> <li>2. Specially engineered adhesive</li> <li>3. Effective surface protection</li> <li>4. Special re-enforcing scrim</li> <li>5. Bright, white material</li> </ol>
<b>Advantages</b>	<ol style="list-style-type: none"> <li>1. Traps and holds dust, dirt and overspray</li> <li>2. Adheres quickly and removes cleanly</li> <li>3. Minimizes regular and periodic maintenance and the need to use water to clean booth surfaces</li> <li>4. Provides strength and tear-resistance</li> <li>5. Brightens booth and provides better visibility</li> </ol>
<b>Benefits</b>	<ol style="list-style-type: none"> <li>1. Helps produce cleaner paint jobs which minimizes buffing time</li> <li>2. Easy and clean removal</li> <li>3. Improves productivity and minimizes a potential source of rust and corrosion in the booth</li> <li>4. Withstands high torque and heavy loads yet still removes in one piece</li> <li>5. Improves work area for color matching and painting</li> </ol>

### Typical Physical Properties

<b>Protection Material (PN36852)</b>	1 roll/case	28in x 300ft roll (0.7m x 91.4m)
<b>Protection Film (PN36856)</b>	1 roll/case	18in x 100ft roll (0.5m x 30.5m)
<b>Material Dispenser (PN36862)</b>	1 dispenser/case	Magnetic metal frame dispenser
<b>Film Dispenser (PN36863)</b>	1 dispenser/case	Magnetic metal frame dispenser
<b>System Intro Kit (PN36861)</b>	1 kit/case	<b>Intro Kit includes -</b>
		<ul style="list-style-type: none"> <li>● 1 roll - protection material</li> <li>● 1 roll - protection film</li> <li>● 1 material dispenser</li> <li>● 1 film dispenser</li> <li>● 2 installation tools</li> </ul>

### Product Uses

3M™ Dirt Trap Protection Material is designed to help protect paint booth walls and floors. Material can also be used to help protect other areas in the shop such as: table tops, paint scales, paint mixing rooms walls and floors, prep bays areas, etc.

3M™ Dirt Trap Protection Film is designed to help protect paint booth windows and lights from paint overspray and eliminate the chore of scraping and cleaning glass surfaces.

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### Performance Properties

Protects your investment, reduces the need for paint booth maintenance, captures dirt and overspray, and helps produce cleaner paint jobs.

## Handling and Application Information

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### Directions for Use

***For optimum performance apply protection material to new booths or to booths that have been cleaned and repainted.***

If the booth is not new or freshly repainted, the following surface preparation is required:

- Booth coatings must be removed from walls
- Rough wall texture from heavy overspray should be knocked down using a DA and 320 grit or finer sand paper
- Use a clean rag and light application of glass cleaner to thoroughly remove loose sanding dust
- **Note:** Loose dust and dirt from sanding must be removed in order to have the material adhere to surfaces
- Sweep or vacuum floors to remove loose dirt
- Walls and floors must be thoroughly dry for proper adhesion

### **Step #1 - Installation of 3M™ Dirt Trap Protection Material on walls**

***Typically three horizontal sections are adequate to protect the booth wall area***

- Load the material on the magnetic dispenser (PN36862) and engage the support arm
- Install the first section closest to the floor
- Attach the dispenser on the adjacent wall as low as possible
- Pull the fabric out the length of the booth
- Avoid excessive stretching of the material
- Avoid bridging and tenting material (especially around corners)
- Use the squeegee to attach the far end of the material at the corner
- Work your way back to the dispenser as you align and attach the material to the wall
- Cut the material at the dispenser
- Squeegee the entire wall section to make sure the material is adhered securely
- Re-mount the dispenser at the level of the second section
- Overlap the first section (1" or less)
- Use the same method to finish installing 3 wall sections
- After the third section is installed, cut out around the windows and lights
- Complete the other walls and doors using the same process
- After first bake cycle, re-adhere any loose areas of the Dirt Trap Protection Material

### **Step #2 - Installation of 3M™ Dirt Trap Protection Material on the floor**

***Note: Avoid covering the floor grate (material may restrict air flow)***

- Attach the dispenser to the end wall for the floor installation
- The dispenser may also be placed on the floor for dispensing short cross sections
- Pull out the material and align the first floor section close to the wall
- Continue installing sections as needed to protect solid floor areas

**Step #3 - Installation of 3M™Dirt Trap Clear Film on windows and lights**

***Scrape and clean glass surfaces thoroughly before installation***

- Cover the edge of the installation squeegee with the Dirt Trap Protection Material to reduce drag on the film
  - Load magnetic dispenser with the film and mount dispenser below the window or light
  - **Optional** - *spray the glass surface with glass cleaner or water/alcohol solution to improve handling*
  - Pull film up and over glass and use the squeegee to apply
  - Start at the top near the center and work out to the edges as you smooth and remove air pockets and wrinkles
  - Trim edges with a cutter
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**Applications**

To ensure clean and easy removal of wall material replace within 150 bake cycles. Floor material should be replaced within 2 to 4 weeks, usually in conjunction with floor filter change-out.

Replace window film when heavily coated with overspray or within six months. To eliminate the need for cleaning and scraping remove soiled film and immediately re-install new film.

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**Storage and Handling**

For best performance, use this product within 24 months from the date of manufacture.

Store product in the original carton under normal conditions of 70°F (21°C) and 50% relative humidity.

Avoid storing material in temperatures above 85°F (29°C) for long periods of time.

Keep material covered and clean.

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**Precautionary Information**

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product.

**CAUTIONS -**

- To reduce the risk of muscle strain associated with lifting heavy objects, use proper lifting mechanics when handling the loaded dispenser.
- To reduce the risk of impact injury associated with falling dispensers, NEVER mount the dispensers over head.
- Do not apply or remove products during actual spraying activities. Prior to application and removal of product, provide mechanical ventilation to exhaust ignitable vapors in accordance with good industrial hygiene practice.

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## For Additional Health and Safety Information

3M Automotive Aftermarket Division  
3M Center, Building 223-6N-01  
Saint Paul, MN 55144-1000  
1-877-666-2277 (1-877-MMM-CARS)

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