

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

Features	<ol style="list-style-type: none">1. Unique non-woven construction2. Specially engineered adhesive3. Effective surface protection4. Special re-enforcing scrim5. Bright, white material
Advantages	<ol style="list-style-type: none">1. Traps and holds dust, dirt and overspray2. Adheres quickly and removes cleanly3. Minimizes regular and periodic maintenance and the need to use water to clean booth surfaces4. Provides strength and tear-resistance5. Brightens booth and provides better visibility
Benefits	<ol style="list-style-type: none">1. Helps produce cleaner paint jobs which minimizes buffing time2. Easy and clean removal3. Improves productivity and minimizes a potential source of rust and corrosion in the booth4. Withstands high torque and heavy loads yet still removes in one piece5. Improves work area for color matching and painting

Typical Physical Properties

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

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.

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

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.

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.

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.