



Automotive Aftermarket Division

3M™ Dirt Trap Protection System

1) Part Numbers

3M Part No.(s) 3M Part Descriptor(s):

- 36852 3M™ Dirt Trap Protection Material
- 36856 Dirt Trap Protection Film - Clear
- 36862 Dirt Trap Protection Material Dispenser magnetic wall mounted)
- 36866 Dirt Trap Protection Material Wall Applicator (free standing)
- 36865 Dirt Trap Protection Material 71cm (28") Floor Applicator
- 36863 Dirt Trap Protection Film Dispenser
- 36861 Dirt Trap Protection System Intro Kit

2) Description and end uses

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



3) 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 for floor and walls
Material Dispenser (PN36866)	1 applicator metal pole with wheels for walls
Material Dispenser (PN36865)	1 applicator metal frame for floors
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"> <input type="checkbox"/> 1 roll - protection material <input type="checkbox"/> 1 roll - protection film <input type="checkbox"/> 1 material dispenser <input type="checkbox"/> 1 film dispenser <input type="checkbox"/> 2 installation tools <input type="checkbox"/> 1 roll - protection material
Polyester Nonwoven Backing	< 60% by wt
Hot Melt Adhesive	< 40% by wt
Polyester Scrim	< 25% by wt

4) 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 P320 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
 - * If using the alternative 3M™ Dirt Trap Material Wall Applicator (PN 36866) - Please refer to the appropriate user guide.
- 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 by 25mm or less (1")
- 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
 - * If using the alternative 3M™ Dirt Trap Material 71cm (28") Floor Applicator (PN 36865) – Please refer to the appropriate user guide.

- 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

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 centre and work out to the edges as you smooth and remove air pockets and wrinkles
- Trim edges with a cutter

5) Application & Product Renewal

Do not apply or remove products during actual spraying activities.

Prior to application and removal activities, provide mechanical ventilation to disperse or exhaust ignitable vapours in accordance with good industrial hygiene practice.

Do not apply in multiple layers. The Dirt Trap material is designed to use in a single layer application only.

Product is suitable for use in paint spray booths with bake temperature capability range of 60°C & 80°C.

To ensure clean and easy removal of wall material, it should be replaced prior to 150 bake cycles or when there is a heavy concentration of overspray on the material. If the material is not renewed following these guidelines the material may become difficult to remove and will not be effective in holding dust & overspray. Frequency of replacement will be dependent on the throughput of vehicles within the booth.

Floor material should be replaced within 4 weeks.

Replace window film when heavily coated with overspray or within 6 months.

3M™ Dirt Trap Protection Film - Clear (PN36856) is only intended for limited application as a temporary protective film for windows and light fixtures. This product has not been evaluated for use as a floor or wall/ceiling finish. Use of this product as a primary wall or floor masking product is not recommended.

6) Storage

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



Effective : September 2012

Supersedes : March 2012

If possible store unused product in the original carton, or keep covered to avoid contamination from dirt.
Store under normal working conditions of 21°C and 50% RH.

Avoid storing material in temperatures above 29°C for long periods of time.

7) Safety

3M™ Dirt Trap System is designed FOR PROFESSIONAL INDUSTRIAL USE ONLY.

Static Charging Information

3M™ Dirt Trap Protection System products (PN36852 and PN36856) have been evaluated for static charging behaviour under normal application conditions. These products were not found to exhibit any additional or significant charging when compared to similar materials already in use in many spray coating environments.

Flammability

3M™ Dirt Trap Protection Material (PN36852)

*Fire Resistant Class I	Interior Floor Finish	ASTM E648
*Fire Resistant Class I(A)	Interior Wall Finish	ASTM E84

*Most fire resistant class as defined in NFPA 101, "Code for Safety to Life from Fire in Buildings and Structures"

IMPORTANT:-Read full instructions before use. Please refer to the label and consult the full handling instructions and personal protection information. These are available via your stockist. The supplier disclaims any liability where the user does not follow the instructions or wear the recommended personal protective equipment.

8) Disclaimer

All statements, technical information and recommendations are based on tests we believe to be reliable but the accuracy or completeness thereof is not guaranteed. Please ensure before using our product that it is suitable for your intended use. All questions of reliability relating to this product are governed by the Terms of Sale subject, where applicable, to the prevailing law.

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