



## Automotive Aftermarket Division

### 3M™ Dirt Trap Protection System

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#### 1) Part Numbers

36586	3M™ Dirt Trap Clear Film Protection Material, 457 mm x 30.5 m
36852	3M™ Dirt Trap Protection Material, White, 711.2 mm x 91.44 m
36851	3M™ Dirt Trap Protection Material, White, 355.6 mm x 91.44 m
36866	3M™ Dirt Trap Material Wall Applicator
36862	3M™ Dirt Trap Protection Material Dispenser
36863	3M™ Dirt Trap Clear Film Dispenser
36865	3M™ Dirt Trap Protection Material Floor Applicator, 711 mm

#### 2) Description and end uses

The 3M™ Dirt Trap Surface Protection System is intended for use in paint spray booth areas with forced-air ventilation.

The 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.

#### 3) Physical Properties

Polyester Nonwoven Backing	< 60% by wt
Hot Melt Adhesive	< 40% by wt
Polyester Scrim	< 25% by wt

Satisfactory 3M™ Dirt Trap Protection System performance may be achieved at varying temperatures/time exposure on many substrates. Tests should be conducted to establish product performance parameters in your process conditions.

#### 4) Directions for Use

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



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Note: Clean the surface - Loose dust and dirt must be removed in order to have the material adhere to surfaces. Walls and floors must be thoroughly dry for proper adhesion

## 2. Installation of 3M™ Dirt Trap Protection Material on walls

- Load the material on the magnetic dispenser (PN36862) or Wall Applicator (PN36866)
- Install the first section closest to the floor
- 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
- Cut the material at the dispenser
- Squeegee the entire wall section to make sure the material is adhered securely
- Overlap the first section by 25 mm or less (1")
- Use the same method to finish installing 3 wall sections
- 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

## 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

### Product Renewal

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

To ensure clean and easy removal of wall material replace when there is a concentration of overspray on the material. Material should be replaced prior to 150 painting cycles or before 3 months. Floor material should be replaced within 4 weeks.

3M™ Dirt Trap Protection Film - Clear (PN36586) 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.



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## 5) Storage

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

Store product in the original carton under normal conditions of 21°C and 50% relative humidity. Avoid storing material in temperatures above 29°C for long periods of time. Keep material covered and clean.

## 6) Safety

Paint environments are potentially explosive areas. Operators are required to divide such potentially explosive atmospheres into zones, depending on probability of occurrence “Betriebssicherheitsverordnung (BetrSichV)” [German Ordinance on Industrial Safety and Health]. This zone classification must be documented in the Explosion Protection Document of the particular facility at end user.

The Dirt Trap™ Surface Protection System can be used as follows:

Zone 0	=	Do not use
Zone 1	=	Do not use
Zone 2	=	Use only in accordance with the User Instructions Important Safety Information

Please read all general information and safety notices carefully before applying the product.

The safety notices contain instructions that you must follow for your own personal safety and to prevent property damage.

### **WARNING**

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## **WARNING**

Do not cover the floor grids with 3M™ Dirt Trap product to avoid restriction of air flow

## **WARNING**

The material should be replaced prior to 150 painting cycles or before 3 months to maintain a safe environment. Do not apply full layers of Dirt Trap product on top of each other. Recommend slight overlapping of approximately 2.5 cm at the edges.

## **CAUTION**

To avoid injuries, never mount the dispenser overhead. Always pull film upwards from dispenser.

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

## **7) Disclaimer**

All statements, technical information and recommendations are based on tests we believe to be reliable as at the date of hereof, but the accuracy or completeness thereof is not guaranteed. Please ensure before using the product that it is suitable for your intended use. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, other than for fraudulent misrepresentation, 3M expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.



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