

## Polyethylene Protective Film PG 225

### Product Data Sheet

#### Product Description

PG 225 features a medium tack adhesive system that help to provide protection on matt surfaces from scratches. It can be easily removed with no adhesive residual on the surface.

#### Applications

Designed for use in the protection of painted metal surfaces, such as PPGI, for the sandwich panel industry during the fabrication and transportation process. It also can be used on other surfaces.

#### Construction



#### Technical Specifications (Based on 50 $\mu$ Film)

Properties	Specifications	ASTM Test Method
Adhesion	225 $\pm$ 30 g/25mm	D-3330
Tensile	>80 kg/cm <sup>2</sup>	D-882
Elongation	>150 %	D-882

#### Test Method

Adherend : Stainless Steel SUS 304 2B  
Tensile speed : 300mm/min  
Peeling angle : 90 degree

#### Available Physical Specifications

Thickness	40~130 $\mu$ .
Color	Transparent Clear, Transparent Blue, Opaque Black & White. Other colors available upon request.
Film Type	Normal, UV Resistant (3 or 6 months) or Anti-Static

#### Storage

To be stored in places away from direct sunlight in conditions of 16°C-27°C and 40%-60% relative humidity.

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### **Precautions**

- 1) Prior to its application, we recommend that applicants to duly inspect the adaptability of this product for its intended use. It should be your ultimate responsibility and decision to determine its functional usage on your products.
- 2) The performance of the protective film will also be dependent on the type adherend, environment, and conditions after application. It is recommended to do testing before changing the adherend products.
- 3) It should be noted that when the product is applied to plastic adherends with a plasticizer or surface-active adherends (electrolyzed, chemically treated, polished, etc.), the film may become difficult to release or may tend to leave deposits, as time passes.
- 4) Care should be taken to ensure that no traces of air bubbles are trap during the application process. As a consequence, it may leave traces.
- 5) Aforementioned problems may also arise when the product is stored for a long period of time after application.
- 6) Remove any dust, moisture or grease on the adherend before application.
- 7) Do not use this product outdoors unless it is of UV type.

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### **Shelf Life**

This product is recommended to be used within 12 months from date of manufacture.

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### **Usage**

All statements, information and recommendations contained herein is based upon tests or experience we believe to be reliable. The user shall determine the suitability of the product for their specific use.

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### **Warranty and Limited Remedy**

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