

## Protection and carrier film for industrial processes

### Overview

Prosave is a coated polyester material that is in use as protection and carrier film in industrial production processes.

The surface is treated to have antistatic properties, which prevents the build-up of electrical charges and attraction of dust during application and use. The adhesive layer ensures the proper adhesion to the base material and allows removal without leaving residue after the process is completed.

Depending on the application you can choose between different film thicknesses, types of adhesives and liner thickness. The film comes with a PET liner on the adhesive side.

### Products

*Prosave*  
**SQ**

*Prosave*  
**EP**

*Prosave*  
**RC**

### Applications

**Screen protection**

High transparency and optical clarity allows quality control with film applied

**Simple application**

Due to self adhesive silicone

**Carrier film**

- for film processing  
- for die cutting  
- for screen printing

**Protection for**

- metal mask  
- diffusion films

**High temperature carrier film**

The adhesive force remains constant and leaves no residue after heat exposure at 150 degrees for up to six hours

### Features

**Silicone adhesive "Self wetting"**

Antistatic surface  
Ultra transparent  
Low adhesion strength  
Chemical resistant

**Acrylic adhesive**

Antistatic surface  
Low to medium adhesion  
Chemical resistant

**Acrylic adhesive temperature resistant**

Antistatic surface and oligomer protection  
Low adhesion  
Chemical resistant

### Structure

Antistatic coating
Base PET film
Self adhesive silicone layer
PET release liner

Antistatic coating
Base PET film
Pressure sensitive acrylic adhesive
PET release liner

Antistatic & Oligomer protection
Base PET film
Temp. resistant acrylic adhesive
PET release liner

### Specifications

**Base film**  
**Release liner**  
**Adhesive layer**  
**Repositionable**  
**High Temp. resistant**  
**Antistatic**  
**Chemical resistant**  
**Adhesive force (N/25mm)**  
**Transparency**  
**Haze**

PET 50/100 Mikron  
PET 25/50 Mikron  
Self adhesive Silicone  
Yes  
No  
Yes  
Yes  
0.01  
92.7%  
1.2%

PET 25/50/75 Mikron  
PET 25 Mikron  
Acrylic  
Yes  
No  
Yes  
Yes  
0.07-0.5  
N/A  
N/A

PET 25 Mikron  
PET 25 Mikron  
Acrylic  
Yes  
Yes  
Yes  
Yes  
0.06-0.1  
N/A  
N/A

All technical data is subject to change

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### Products

*Prosave*  
**ASR**

*Prosave*  
**UV**

*Prosave*  
**CB**

### Applications

**Protection film**  
- for optoelectronics  
- for LCD modules

Prevents static discharge when peeling

**Carrier film**  
- for metal etching  
- for glass cutting  
- for ceramic cutting  
- for engraving  
- for small parts  
- for dicing LEDs

**Protection film**  
- for laser drilling  
- for laser cutting

Film provides better defined holes and lines after process

### Features

**Antistatic acrylic adhesive**

Antistatic adhesive  
Low adhesion  
Chemical resistant

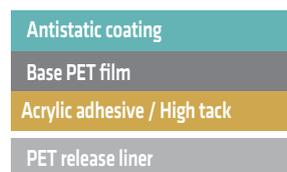
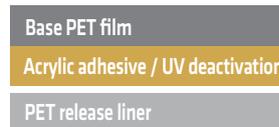
**UV deactivating acrylic adhesive**

Strong adhesion  
Chemical resistant

**Acrylic adhesive**

Antistatic surface  
Medium adhesion  
Chemical resistant

### Structure



### Specifications

	Prosave ASR	Prosave UV	Prosave CB
<b>Base film</b>	PET 38/50 Mikron	PET 100/125 Mikron	PET 12/25/50 Mikron
<b>Release liner</b>	PET 25 Mikron	PET 25 Mikron	PET 25 Mikron
<b>Adhesive layer</b>	Acrylic	Acrylic / UV deactivation	Acrylic
<b>Repositionable</b>	Yes	No	Yes
<b>UV deactivation</b>	No	Yes	No
<b>Antistatic</b>	Yes	No	Yes
<b>Chemical resistant</b>	Yes	Yes	Yes
<b>Adhesive force (N/25mm)</b>	0.04	17	0.3-1.2
<b>Transparency</b>	N/A	N/A	N/A
<b>Haze</b>	N/A	N/A	N/A

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