

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
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

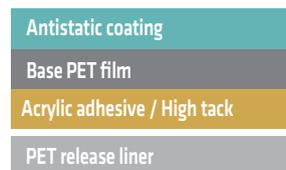
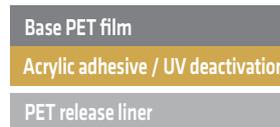
UV deactivating acrylic adhesive

Strong adhesion
Chemical resistant

Acrylic adhesive

Antistatic surface
Medium adhesion
Chemical resistant

Structure



Specifications

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

All technical data is subject to change