

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

PET 50/100 Mikron

PET 25/50/75 Mikron

PET 25 Mikron

Release liner

PET 25/50 Mikron

PET 25 Mikron

PET 25 Mikron

Adhesive layer

Self adhesive Silicone

Acrylic

Acrylic

Repositionable

Yes

Yes

Yes

High Temp. resistant

No

No

Yes

Antistatic

Yes

Yes

Yes

Chemical resistant

Yes

Yes

Yes

Adhesive force (N/25mm)

0.01

0.07-0.5

0.06-0.1

Transparency

92.7%

N/A

N/A

Haze

1.2%

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

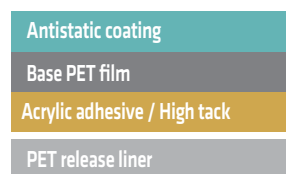
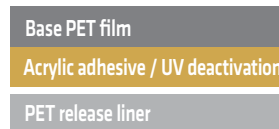
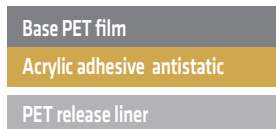
UV deactivating acrylic adhesive

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