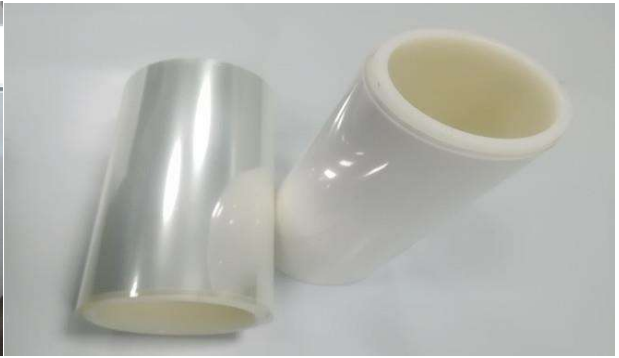


Optical Protective Film



Introduction

光学保护膜 SOPF-PETS01
Optical Protective Film SOPF-PETS01



1. 产品概要 Product profile

进行了2H以上硬度的高性能硬涂处理，安全地保护显示界面(玻璃)不受到冲击和刮损，耐划痕性能卓越，可印刷性优秀。Through 2H hard coating treatment, it can prevent displays from impact and scratch.

通过抗静电处理，防止作业时可能发生的因灰尘等异物而产生的气泡，预先防止污迹等转印异物引起的不良品的发生。To prevent blistering and disqualification generated by dust through anti-static treatment.

硬涂面的可印刷性优秀，可印刷Logo等。Excellent printability for logos.

自身粘着力优秀。Excellent bonding force.

用于出货的成品显示屏上。Used on finished displays.

2. 产品结构 product structure

硬涂层hard coating (2H)
基层 base (PET 1.00 μm)
防静电涂层 anti-static coating
硅胶 silica μm gel
离型层 (PET 75 μm 黑色black) release liner

3. 典型 物性表 Typical specifications

试验项目Test item	测试方法Test method	基准值value
总厚度 (不含离型层) thickness (excluding release liner)	ASTM D 3652	125 ± 5% (μm)
颜色color	视觉vision	透明transparent
持粘力adhesive force (500g, 100°C)	ASTM D 3654	Max. 3.0mm/hr
表面阻抗 surface impedance	ASTM D 257	10 ⁷ ~ 10 ⁹ Ω/sq
180° 剥离强度peeling strength	ASTM D 3330	3 ± 2gf/25mm
硬度hardness	ASTM D 3363	2 H

4. 适用范围Applicaitons

- 电视机 TV
- 显示屏Displays
- 笔记本电脑Computer
- 手机等mobile phone



5. 包装事项Packing

- 规格size 1000mmx50m
- 储存条件storage conditions
- 室温Room Tem: 23 ± 5°C
- 相对湿度Relative Humidity: 50 ± 10%

注：产品结构、材料组合、厚度规格可按客户要求定制。

Note: Product structure, material composition, thickness and specifications can be customized according to customer requirements.

光学保护膜 SOPF-PETS02

Optical Protective Film SOPF-PETS02

1. 产品概要 Product profile

进行了2H以上硬度的硬涂处理，安全地保护显示面(玻璃)不受到冲击和刮损，耐划痕性能卓越，可印刷性优秀。Through 2H hard coating treatment, it can prevent displays from impact and scratch.

硬涂面的可印刷性优秀，可添加Logo等。Excellent printability for logos

用的是低粘着类型，使用后容易剥离且没有残留物。Low adhesive type, easy stripping without residuals.

产品出货时使用。Used on finishes.

2. 产品结构 product structure

硬涂层hard coating (2H)
基层base (PET 50μm)
硅胶silica gel
离型层 (PET 25 μm) release liner

3. 典型 物性表 Typical specifications

试验项目Test itemst	测试方法Test method	基准值value
总厚度 (不含离型层) thickness (excluding release liner)	ASTM D 3652	60± 5%(μm)
颜色color	视觉vision	透明transparent
持粘力adhesive force (500g, 100°C)	ASTM D 3654	Max. 3.0mm/hr
180° 剥离强度peeling strength	ASTM D 3330	15 ± 4gf/25mm
贴敷后初期180° 剥离强度peeling strength after application	ASTM D 3330	4 ± 2gf/25mm
硬度hardness	ASTM D 3363	2H

4. 适用范围Applicaitons

- 电池盖 battery covers

5. 包装事项Packing

- 规格size 1000mmx50m
- 储存条件storage conditions
- 室温Room Tem: 23±5°C
- 相对湿度Relative Humidity: 50±10%



注：产品结构、材料组合、厚度规格可按客户要求定制。

Note: Product structure, material composition, thickness and specifications can be customized according to customer requirements

光学保护膜 SOPF-PETU01

Optical Protective Film SOPF-PETU01



1. 产品概要 Product profile

安全地保护显示面(玻璃)不受到冲击和刮损。To prevent displays from impact and scratch. 经抗静电处理，防止作业时可能发生的因灰尘等异物而产生的气泡，预先防止污迹等转印异物引起的不良品的发生。To prevent blistering and disqualification generated by dust through anti-static treatment.

低粘着类型，使用产品后容易剥离，且没有粘着残留物。Low adhesive type, easy stripping without residuals.

用于显示面的制程用途。Used in the processing of displays.

2. 产品结构 product structure

基层base (PET 50 μm)
抗静电聚氨酯胶黏剂 anti-static PU adhesive
离型层 (PET 50 μm) release liner

3. 典型 物性表 Typical specifications

试验项目Test Item	测试方法Test method	基准值value
总厚度 (不含离型层) thickness (excluding release liner)	ASTM D 3652	60± 5% (μm)
颜色color	视觉vision	透明transparent
表面阻抗surface impedance	ASTM D 257	10 ⁷ ~ 10 ¹² Ω/sq
180° 剥离强度peeling strength	ASTM D 3330	Max.3gf/25mm

4. 适用范围Applications

- 电视&显示屏TV, displays
- Pc笔记本电脑
- 移动电话Mobile phone
- 等等

5. 包装事项Packing

- 规格size1000mmx50m
- 储存条件storage conditions
- 室温Room Tem: 23±5°C
- 相对湿度Relative Humidity: 50±10%



注：产品结构、材料组合、厚度规格可按客户要求定制。

Note: Product structure, material composition, thickness and specifications can be customized according to customer requirements