

产品介绍

Quintack® OL1000 至尊级抗 UV 保护膜，采用耐候性佳、不易黄变的非 PVC 环保基材，并配备纯丙烯酸压敏胶，能增强画面层次感，并最大限度阻隔阳光中的紫外线，延长画面及标识寿命。

产品结构

面膜：75μm 非 PVC 高光环保基材

背胶：25um 高透明耐黄变压敏胶

底纸：100um 聚酯离型膜

加工性能

Quintack® OL 1000 适用于多种丝网印刷及数码打印画面，包括溶剂型，弱溶剂型、Latex; UV。油墨的匹配性需要测试验证。

产品特点

- 面材收缩性小,产品稳定性佳，不易卷边
- 胶水透明度高且无色：不改变画面色调
- 符合 REACH 法规
- **推荐用途**
- 户内、户外用贴花表面保护
- 交通标识及导向标识表面保护

物理特性

特性	测试方法	结果
面膜厚度	ISO 534	75 μm
含胶厚度	ISO 534	100 μm
初始粘性	FINAT FTM-1, 20min, 不锈钢	测试过程中基材破坏
最终粘性	24hr 不锈钢	测试过程中基材破坏
库存期	储存于 22°C, 50-55%(RH)的环境中	18 个月
耐氙灯加速老化性能	J2527, 2500 小时	无显著变化
耐久性	室外, 垂直安置(未打印材料)	可达 10 年

使用特性

最低贴膜温度：	+18°C
使用温度范围：	-40°C~+80°C

化学特性

耐大多数弱酸、弱碱、盐

注意事项

有关材料的物理和化学特性的资料是基于我们认为可信的测试结果。在此列出的典型数值作为材料选择时的参考，但并不构成一种担保。本公司有可能对相关技术数据作出修改而无需事先通知。

品质保证

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Quintack® OL1000 Supreme UV Blocking Overlamine

Preliminary: 2017/05/05

Product Description

Quintack OL1000 Supreme UV blocking Overlamine Film is ideal for use in manufacturing of guidance signage, and traffic control devices. OL1000 is a quality, durable, electronic computer cuttable film that is designed for lamination over retroreflective sheetings, digital printed graphics, screen printed decals, which can provide an ultimate durable protection against UV exposure, and minimize the color fading and yellowing of printed materials over-laminated.

Product Construction

Face film: 75 µm, Optical Clear Transparent No-PVC Film

Adhesive: 25µm, Non-Yellowish Pressure Sensitive Adhesive

Release Liner: 75µm, Siliconised Polyester

Converting Performance

Quintack® OL 1000 is designed for graphics protection for large format digital printing, screen printing, which can be used on solvent, Eco-solvent, Latex, and UV. Other printing methods should be evaluated before purchasing.

Product Features

- Exceptional UV blocking
- Colorless adhesive with minimum yellowing effect
- REACH compliant

Recommended Application

- Rigid Permanent Outdoor Signage
- Industrial labels or marking

Physical Performance

Items	Test Method	Typical Value
Facefilm Caliper	ISO 534	75 µm
Facefilm with adhesive	ISO 534	100µm
Peel Adhesion	FINAT FTM-1, Stainless Steel, 20min, Stainless Steel, 24hr	Film breaking during test. Film breaking during test.
Shelf Life	Stored@22°C, 50-55% Relative Humidity	18 months
Accelerated Aging	Altas Weather-O-Meter, SAE J2527, 2500Hr	No Obvious Change
Durability	Outdoor, Unprinted	Up to 10 years

Application Temperatures

Minimum Application Temperature	+18°C
Service Temperature :	-40°C~+80°C

Chemical Properties

Resistant to most mild acids, alkalis, and salt solutions.

Any questions, please contact our technical service representatives

Important

Information on physical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of any material for their specific use. All technical data is subject to change without prior notice.