



Quintack® OL2000 系列

质优级画面保护贴膜

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产品介绍

Quintack® OL2000 为质优级画面保护膜，采用高分子压延级聚氯乙烯薄膜，并配耐黄变压敏胶，能增强画面层次感，阻隔紫外线，并提升油墨的耐久性。该产品尺寸稳定性较好，不易收缩翘边及分层。

产品结构

面膜：80μm 高分子压延级透明乙烯基薄膜

背胶：23μm, 透明永久性丙烯酸压敏胶

底纸：140gsm 白色涂硅纸铜板

产品线：OL 2000 亮面，OL 2100 哑面

加工性能

Quintack® OL 2000（亮面）除了作为保护膜之外，亦可适用于多种数码打印画面，包括溶剂型，弱溶剂型、Latex；UV 油墨的匹配性需要测试验证。OL 2100（哑面）不建议作为打印基材使用。

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
- 胶水浸润效果佳，对墨层较厚的丝印或 UV 数码喷绘画面粘附力强，覆膜后不易产生“白点”
- 耐候性佳，不易产生黄变
- 符合 REACH 法规
- **推荐用途**
- 户内、户外用贴花表面保护

物理特性

特性	测试方法	典型结果
面膜厚度	ISO 534	80±5 μm
含胶厚度	ISO 534	103±5 μm
光泽度	ISO 2813, 60°	80±10% (光) 25±5% (哑)
尺寸稳定性	FINAT, FTM 14	≤0.3mm
初始粘性	FINAT FTM-1, 20min, 不锈钢	≥500 N/m
最终粘性	24hr 不锈钢	≥600 N/m
库存期	储存于 22°C, 50-55%(RH)的环境中	18 个月
耐久性	室外, 垂直安置(未打印材料)	可达 5 年

使用特性

最低贴膜温度:	+10°C
使用温度范围:	-30°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

Quintack®材料是在严格的质量控制系统下生产的。任何售出材料如经确认属于我们的质量缺陷，将无条件退赔。我们退赔的范围将不超过相应材料的售价。任何销售人员或代理均无权提供超越以上声明的保证、担保或类似性质的合同。所有 Quintack®的材料售出均遵循以上条款，该条款是本公司标准销售条款的一部分。



Quintack® OL 2000 Series Premium Digital Overlaminates

Updated: 2020/05/05

Product Description

OL 2000 series are made with tough, scuff-resistant, flexible, premium grade calendered vinyl films designed specifically for digital overlaminates. The products feature great dimensional stability with great UV blocking capability with minimum yellowing issue.

Product Construction

Face film: 80 μm, Clear Polymeric Vinyl Film, Gloss or Matte

Adhesive: 23 μm, Permanent Adhesive

Release Liner: 140gsm, Polycoated Art Paper

Product Mix: OL2000 Gloss Clear, OL2100 Matte Clear

Converting Performance

Quintack® OL 2000 series are designed for graphics protection for large format digital printing. OL 2000 can also be used on solvent, Eco-solvent, Latex. Other printing methods should be evaluated before purchasing.

Product Features

- Exceptional UV blocking
- Colorless adhesive with minimum yellowing issue
- Great adhesive wetting and bonding strength on textured UV printed graphics
- REACH compliant

Recommended Application

- Wall graphics or bus body wraps
- Point of purchase in retailing shops & decals for electric appliances and furniture
- Industrial labels or marking

Physical Performance

Items	Test Method	Typical Value
Facefilm Caliper	ISO 534	80±5 μm
Facefilm with adhesive	ISO 534	103±5 μm
Gloss	ISO 2813, 60°	80±10%(Gloss) vs 25±5%(Matte)
Shrinkage	FINAT, FTM 14	≤0.3mm
Peel Adhesion	FINAT FTM-1, 20min,Stainless Steel	≥500 N/m
	24hr, Stainless Steel	≥600 N/m
Shelf Life	Stored@22°C, 50-55% Relative Humidity	18 months
Durability	Outdoor Vertical, Unprinted	Up to 5 years

Application Temperatures

Minimum Application Temperature

+10°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.