

产品技术指标 Technical Specifications of Labelstock			
代号 Product Code	S2451		
产品结构 Label construction	70g 三防热敏纸/GE101/50g 蓝格 70gsm Top Coated Thermal Paper/GE101/50gsm Blue Glassine		
面材 Facestock	70g 三防热敏纸 70gsm Top Coated Thermal Paper		
胶水 Adhesive	GE101		
底材 Liner	50g 蓝格 50gsm Blue Glassine		
技术指标 Items	Specifications	单位 Unit	方法 Test Method
面材 Facestock			
定量 Basis Weight	70±10%	g/m ²	GB/T 451.2-2002
厚度 Caliper	73±10%	μm	GB/T 451.3-2003
白度 Brightness	≥80	%	GB/T 7974-2013
显色光密度 Dynamic Sensitivity	≥1.10		GB/T 28210-2011
防水保留率 Retention Rate by Water Resistance	≥60	%	GB/T 28210-2011
本产品采用有热敏涂层的平滑亮白纸，具有良好的耐湿摩擦性及一定耐水性，适用于中低速条码打印机。 This product adopts smooth bright white paper with heat-sensitive coating, which has good wet friction resistance and certain water resistance, and is suitable for medium and low speed bar code printers.			
胶粘剂 Adhesive			
初粘力 'Loop' Tack	≥14 或纸撕裂 ≥14 or PT	N/25mm	FTM9, ss
90° 剥离力 (20min) Peel Adhesion (90°)	≥7 或纸撕裂 ≥7 or PT	N/25mm	FTM2, ss
最低标贴温度 Minimum Application Temp.	10°C		
使用温度 Service Temp.	-10°C — +70°C		

本产品采用高粘永久性丙烯酸类胶粘剂，在诸多包装材料上均有优异的表现性能。可用于食品、药品及化妆品等产品的非直接接触贴标用途。

This product adopts all-weather glue, which has good initial adhesion and final adhesion at low temperature, and has excellent performance on many packaging materials. It is recommended to be used in low-temperature freezing environment.

底材
Liner

克重 Basic Weight	50±10%	gsm	GB/T 451.2-2002
厚度 Caliper	44±10%	µm	GB/T 451.3-2003
纵向抗张强度 Tensile Strength (MD)	≥ 4.2	kN/m	GB/T 12914-2018

印刷及加工
Printing & Converting

- ◇ 本产品适合用于多数传统印刷方式。
This product is suitable for most traditional printing methods.
- ◇ 由于产品的热敏特性，应避免超过 50℃ 的加工环境。
Due to the heat sensitivity of the product, the processing environment exceeding 50°C should be avoided.
- ◇ 运输加工过程注意减少材料摩擦与碰撞，以避免出现外圈或局部蹭黑现象发生。
During the transportation process, we should pay attention to reducing the friction and collision of materials, so as to avoid the occurrence of outer ring or local blackening.
- ◇ 含酒精或挥发性有机溶剂的油墨可能对热敏层产生破坏。
Ink containing alcohol or volatile organic solvents may damage the heat sensitive layer.
- ◇ 用于柔性版印刷时，推荐使用 UV 或水性油墨及光油。印刷前建议对油墨先行测试。
UV or water-based ink and varnish are recommended for flexographic printing. It is recommended to test the ink before printing.

Storage & Preservation

- ◇ 应避免长期暴露在 50℃ 以上环境中或阳光直接照射的情况保存。
Avoid long-term exposure to above 50°C or direct sunlight.
- ◇ 在温度 23±2℃、相对湿度 50±5% 的情况下，有效期为 9 个月。超过有效期的产品，经检验合格仍可使用。
Under the condition of temperature 23±2°C and relative humidity 50±5%, the validity period is 9 months. Products that have expired can still be used after inspection.

特别说明 (Note):

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All relative materials' description, technical specification and usage recommendation are based upon tests believed to be reliable but do not represent a guarantee.
2. 由于产品的使用条件和加工条件不同，在使用之前请测试，避免未知的风险。
Test before production to avoid potential risks, due to various operating environment and processing conditions.
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