

**产品技术指标**
**Technical Specifications of Labelstock**

<b>代号</b> <b>Product Code</b>	SR003		
<b>产品结构</b> <b>Label construction</b>	70g 经济型热敏纸/GHR01/白格 70gsm Thermal Paper/GER02/White Glassine		
<b>面材</b> <b>Facestock</b>	70g 三防热敏纸/GER02/白格 70gsm Three Proofing Thermal Paper		
<b>胶水</b> <b>Adhesive</b>	GHR01		
<b>底材</b> <b>Liner</b>	58g/m <sup>2</sup> 白色格拉辛纸 58gsm White Glassine		
<b>技术指标</b> <b>Items</b>	<b>Specifications</b>	<b>单位</b> <b>Unit</b>	<b>方法</b> <b>Test Method</b>
<b>面材</b> <b>Facestock</b>			
<b>定量</b> <b>Basic Weight</b>	70±10%	g/m <sup>2</sup>	GB/T 451.2-2002
<b>厚度</b> <b>Caliper</b>	73±10%	μm	GB/T 451.3-2002
<b>白度</b> <b>Brightness</b>	≥80	%	GB/T 7974-2002
<b>显色光密度</b> <b>Dynamic Sensitivity</b>	≥1.10	—	GB/T 28210-2011
<b>防水</b> <b>Water Resistance</b>	≥65	%	GB/T 28210-2011
<b>防油</b> <b>Oil Resistance</b>	≥70	%	GB/T 28210-2011
<b>耐增塑</b> <b>Plasticizer Resistance</b>	≥70	%	40℃, 24h
<p>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.</p>			
<b>胶粘剂</b> <b>Adhesive</b>			
<b>初粘力</b> <b>'Loop' Tack</b>	≥3	N/25mm	FTM9, ss
<b>20 分钟 90°剥离力 (典型值)</b> <b>20 Minutes of Peel Adhesion (90°)</b>	≥3	N/25mm	FTM2, ss
<b>24 小时 90°剥离力 (典型值)</b> <b>24 Hours of Peel Adhesion (90°)</b>	≥3		

<b>最低标贴温度</b> <b>Minimum Application Temp.</b>	10°C
<b>使用温度</b> <b>Service Temp.</b>	-15°C — +65°C

由于贴标基材与使用环境的差异，贴标一段时间后（一般 3 个月），胶水粘性可能会提高并有向永久型胶水转化的可能，或者粘性下降；有的基材可能会与可移除性胶水发生强烈化学反应，建议使用前进行全面测试，不推荐贴曲面的被贴物以及不适合在 PVC 表面上应用。使用前需要对被贴物、储存环境等做全面的测试评估。

Due to the difference of substrate and service environment, after labeling for a period of time (generally 3 months), adhesive viscosity might be increased and transformed to permanent adhesive, or might be declined. Testing is recommended to be taken before using as some substrate might take strong chemical reaction with removable adhesive. Not recommended applying on curved surface. This product is not suitable for PVC surface.

**Before use of the attached material, storage environment to do a comprehensive test evaluation.**

**底材**  
**Liner**

<b>克重</b> <b>Basic Weight</b>	58±10%	gsm	GB/T 451.2-2002
<b>厚度</b> <b>Caliper</b>	53±10%	µm	GB/T 451.3-2002
<b>纵向抗张强度</b> <b>Tensile Strength (MD)</b>	≥ 4.8	kN/m	GB/T 12914-2018

**印刷及加工**  
**Printing & Converting**

- ◇ 可用于大多数传统印刷方式进行印刷。  
Applicable for most printing process.
- ◇ 由于产品的热敏特性，应避免超过 50°C 的加工环境。  
Processing temperature should be no more than 50°C due to the thermal feature.
- ◇ 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 contains alcohol or volatile organic solvents may cause damage to thermal coating.
- ◇ 建议印刷前进行油墨测试。  
Ink testing is always recommended before production.
- ◇ 用于柔性版印刷时，推荐使用 UV 或水性油墨及光油。  
UV ink and varnish are recommended to be applied on flexography printing.

**储存及保存**  
**Storage & Preservation**

- ◇ 应避免长期暴露在 50°C 以上环境中或阳光直接照射的情况保存。  
Avoid being stored at temperature over 50°C or direct sunshine.
- ◇ 在温度 23±2°C、相对湿度 50±5% 的情况下，有效期为 1 年。超过有效期的产品，经检验合格仍可使用。  
One year when stored at 23±2°C and 50±5% RH. If test qualified, the label can continually been used after shelf life.

特别说明 (Note) :

1. 冠豪所有有关材料的说明、技术信息及使用推荐是基于我们认为可信的测试结果，但不构成一种担保。

All relative materials' description, technical specification and usage recommendation are based upon tests believed to be reliable but do not represent

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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.

3. 技术文件以冠豪现行条款为准,本出版物将替代之前的所有版本。我方有权更改所有信息，恕不另行通知。

Guanhao reserves the right to interpret latest terms to the technical documents.

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