



Ruc. 2557942-1-827268 DV 8



2025/09/05

| Technical Specifications of Labelstock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |        |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------|-----------------|
| Product Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Thermal Trans 70HM58         |        |                 |
| Face Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 70gsm Thermal Transfer Paper |        |                 |
| Adhesive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | GH502                        |        |                 |
| Liner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 58gsm White Glassine         |        |                 |
| Items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Specifications               | Unit   | Test Method     |
| Face Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |        |                 |
| Basic Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 70±10%                       | gsm    | GB/T 451.2-2002 |
| Caliper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 71±10%                       | µm     | GB/T 451.3-2003 |
| Brightness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ≥85                          | %      | GB/T 7974-2002  |
| With coating treatment on the surface, the face stock has good smoothness and ink absorption feature. Excellent thermal transfer performance, Not easy to be smudged, Black marks will appear when scratched by metal objects, Suitable warehouse, logistics and shelf labels application.                                                                                                                                                                                                                                                                                                                                                                |                              |        |                 |
| Adhesive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              |        |                 |
| ‘Loop’ Tack                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ≥14 or PT                    | N      | FTM9, ss        |
| Peel Adhesion (90°)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ≥7 or PT                     | N/25mm | FTM2, ss        |
| Minimum Application Temp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10℃                          |        |                 |
| Service Temp.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -15℃ — +65℃                  |        |                 |
| This product uses general hot melt adhesive, the initial viscosity and the final stickiness are high, it has excellent performance on various packing materials.This product is not suitable for PVC surface.                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              |        |                 |
| Liner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |        |                 |
| Basic Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 58±10%                       | gsm    | GB/T 451.2-2002 |
| Caliper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 53±10%                       | µm     | GB/T 451.3-2003 |
| Tensile Strength (MD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ≥4.8                         | kN/m   | GB/T 12914-2018 |
| Printing & Converting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                              |        |                 |
| <div><div><input type="checkbox"/></div>Applicable for most printing process.</div> <div><div><input type="checkbox"/></div>Avoid the coating peeled off by controlling ink’s viscosity not too thick.</div> <div><div><input type="checkbox"/></div>Extremely good performance on processing. Applicable for rotary and plate process.</div> <div><div><input type="checkbox"/></div>To avoid adhesive oozing from the label edge, tension should be controlled during rewinding.</div> <div><div><input type="checkbox"/></div>The material can be used in food if and only if it has a barrier, it is not suitable for direct contact with food.</div> |                              |        |                 |
| Storage & Preservation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                              |        |                 |
| <div><div><input type="checkbox"/></div>Avoid being stored at temperature over 50℃ or direct sunshine.</div> <div><div><input type="checkbox"/></div>One year when stored at 23±2℃ and 50±5% RH. If test qualified, the label can continually been used after shelf life.</div>                                                                                                                                                                                                                                                                                                                                                                           |                              |        |                 |

- Note:
1. All relative material's description, technical specification and usage recommendation are based upon tests believed to be reliable but do not represent a guarantee.
  2. Is mandatory test before production to avoid potential risks, due to various operating environments and processing conditions.
  3. All information and recommendations abouts Fenix® products are base on our existing knowledge and experiences but do not mean a guarantee or warranty. As the products are used for differents applications we recommend checking suitability of products prior to use. All information is subject to change without notice. End user obliged and verifies the above information before using the material
  4. ASI Development Inc. Reserves the right to interpret latest terms to the technical documents.

Address: Galera Hermanos Acosta Loreto, Miraflores Street, beside Herreria D/L Leon, La Mitra sector, Corregimiento of Playa Leona, La Chorrera District, Panama West Province, Panama Republic. ZIP 07079. Phone: +507 3431240 / 1241. [asidevelopmentinc@gmail.com](mailto:asidevelopmentinc@gmail.com)