



Ruc. 2557942-1-827268 DV 8



Technical Specifications of Labelstock

09/DEC/2025

| | | | |
|--------------|-------------------------------------|--|--|
| Product Code | Semy Gloss 80HM85 OS | | |
| Product Name | Fenix Semigloss 80 HM WG 85 Off Set | | |
| Face Stock | 80gsm Semi-gloss Art Paper | | |
| Adhesive | General Hot Melt | | |
| Liner | 85gsm White CCK | | |

| Items | Unit | Test Method |
|--------------|------|-----------------|
| Face Stock | | |
| Basic Weight | gsm | GB/T 451.2-2002 |
| Caliper | μm | GB/T 451.3-2003 |
| Brightness | % | GB/T 7974-2002 |
| Glossiness | % | HUNTER 75° |

With super calendering processing on the face stock, it has smooth surface. Mainly recommend to use for blank die-cutting.

| Adhesive | | | |
|---------------------------|----------|------------|----------|
| 'Loop' Tack | ≥17 | N | FTM9, ss |
| Peel Adhesion (90°) | ≥9 or PT | N/25mm | FTM2, ss |
| Minimum Application Temp. | | 10°C | |
| Service Temperature Range | | -15°C~65°C | |

This product uses general hot melt adhesive, the initial viscosity and the final stickiness are very high. It has a certain low temperature resistance performance. Not recommended for small caliber bottles and irregular surfaces. This product is not suitable for PVC surface.

| Liner | | | |
|-----------------------|------|-------|-----------------|
| Basic Weight | gsm | 85±5% | GB/T 451.2-2002 |
| Caliper | μm | 80±5% | GB/T 451.3-2003 |
| Tensile Strength (MD) | kN/m | ≥5.4 | GB/T 12914-1991 |

Printing and Converting

Applicable for offset, intaglio, flexographic printing, etc. Not recommended for printing very demanding surface. Avoid the coating peeled off by controlling ink's viscosity not too thick. Smooth and regular surface, suitable for flat material processing. To avoid adhesive oozing from the label edge, tension should be controlled during rewinding. The material can be used in food if and only if it has a barrier, it is not suitable for direct contact with food.

Storage and Preservation

One year when stored at 23±2°C and 50±5% RH. If test qualified, the label can continually be used after shelf life.

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 about Fenix® products are base on our existing knowledge and experiences but do not mean a guarantee or warranty. As the products are used for different 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. A.S.I Development Inc. Reserves the right to interpret latest terms to the technical documents.

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