



Ruc. 2557942-1-827268 DV 8



Technical Specifications of Labelstock

2026/07/20

Product Code		Syn Top The95HM60Cry	
Product Name		Fenix Synthetic Top Thermal 95HM60 Cryogenic	
Face Stock		A high sensitivity top coated polypropylene thermal stock 95µm/72 gsm	
Adhesive		Cryogenic Hot Melt Adhesive	
Liner		58 gsm White Glosine	
Items		Unit	Test Method
Face Stock			
Basis Weight	72 g/m²	10%	ISO536
Caliper	95±	µm 10%	ISO534
A high sensitivity top coated polypropylene thermal stock designed to withstand damp and wet environments. It also has very good image resistance to humidity, water.			
Adhesive			
Looptack (Glass)	14		-FTM9
20 min 180° Pell (St, st)	16		-FTM1
24 hrs 180° Peel (St, st)	18		-FTM1
Minimal Application Temperature	-15 °C		
After Labeling 24 Hours Service Temperature Range:	-30°C –/ + 60°C		
A general purpose rubber based low temperature hot melt adhesive.			
Liner			
Basis Weight	58 g/m² ± 10%	µm	ISO536
Caliper	50 ± 10%	µm	ISO534
A super calendared white glassine paper with excellent roll converting properties.			
Adhesive Performance			
The adhesive is an all temperature adhesive developed to provide highinitial tack and excellent adhesion to a wide variety of substrates. Displays excellent die-cutting and stripping characteristics.			
Application and Use			
The thermal sensitivity of this thermal product is ideal for scale printing and also for medium and low speed barcode printers. Thermal synthetic paper is particularly suitable for cold chain applications. Any long-term exposure to environments above 50°C or direct sunlight should be avoided to protect product imaging quality.			
Conversion/Printing			
Can be used for printing in all the usual printing methods. Due to the thermal sensibility, in the process material temperature should not exceed 50°C.Inks containing alcohol or volatile organic solvents can damage the thermal layer When used for flexographic printing, UV or water-based inks and varnishes are recommended. It is recommended to test the ink before printing.			
Optimal Storage Conditions			
One year when stored at 23 ±2°C at 50 ±5% RH.			
The above does not represent any guarantee or warranty and the Purchaser must independently determine the suitability of the products for the purchaser's purposes. As with all pressure sensitive materials, this product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application. SuZhou PiaoZhiHua composite materials technology Co.,Ltd has the final right to interpret this specification.			

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.

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