



Fénix Top Thermal 70AC58

Data Sheet

Top coated thermal paper/water based adhesive/60gsm white glassine paper.

Items	Specifications	Unit	Test Method
Face Stock			
Basis Weight	70 ±10%	g/m ²	ISO536
Caliper	72±10%	µm	ISO534
Maximum color density	≥ 1.1		GB/T 28210 Appendix A
Dynamic color sensitivity	≤ 9	mJ/mm ²	GB/T 28210 Appendix B
Barcode grade	≥ C Printing suitability test method		
A smooth bright white matte paper with a black imaging thermal sensitive coating. The top coating provides excellent resistance to water, oil, and plasticizer.			
Adhesive			
Loop Tack		N/25mm	FTM9, st,st 11 or tear
Peel Adhesion (180°)	20 min.	N/25mm	FTM1, st,st 11 or tear
Peel Adhesion (180°)	24 Hrs.	N/25mm	FTM1, st,st 11 or tear
Minimum Application Temp.	5°C After labeling 24 Hours		
Service Temp.	-20°C ~ +60°C		
A general purpose water based acrylic adhesive.			
Liner			
Basis Weight	58±10%	g/m ²	ISO536
Caliper	50±10%	µm	ISO534
Maximum color density	≥ 1.1		
A super calendared white glassine paper with excellent roll converting properties			
Adhesive Performance			
The adhesive is an all temperature adhesive developed to provide high initial 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. 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.			
Remark			
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. Fenix Paper Corp 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 **FÉNIX[®]** 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. **Fénix Paper Corp.** Reserves the right to interpret latest terms to the technical documents.

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