



Ruc. 2557942-1-827268 DV 8



Technical Specifications of Labelstock

09/DEC/2025

Product Code	Synt Top Ther 95AC60		
Product Name	Fenix Synthetic Top Thermal 95 AC WG 60		
Face Stock	Thermal PPA		
Adhesive	Permanent Clear Adhesive		
Liner	60gsm White Glassine		
Items	Unit		Test Method
Face Stock			
Caliper	95+10%	μm	ISO 534
Dynamic Sensitivity	≥1.3		GB/T 28210-2011
Water Resistance	>80	%	GB/T 28210-2011
Oil Resistance	>80	%	GB/T 28210-2011
Alcohol Resistance	>60	%	GB/T 28210-2011
The thermal PP top coating has good feature of water resistance, oil resistance, alcohol resistance. Has the good performance of high alcohol concentration resistance, tear resistance, friction resistance, no fluorescent whitening agent and BPA-free. Suitable for air or rail baggage label, high quality _logistics abel etc.			
Adhesive			
‘Loop’ Tack	≥ 8	N	FTM9, ss
Peel Adhesion (90°)	≥ 6	N/25mm	FTM2, ss
Shear Resistance	≥15	hours	FTM8, ss
Minimum Application Temp.	-5 °C		
Service Temperature Range	-20 °C —+70 °C		
Super viscous and permanent acrylic adhesive has excellent performance on various packing materials.			
Liner			
Basic Weight	60 ± 10%	gsm	ISO 536
Caliper	53 ± 10%	μm	ISO 534
Opacity	≤58	%	ISO 2471
Tensile Strength (MD)	≥5.0	kN/m	ISO 2469
Printing and Converting			
Applicable for most printing process. Processing temperature should be no more than 50 °C due to the thermal feature. Ink contains alcohol or volatile organic solvents may cause damage to thermal coating. UV ink and water-based ink are recommended to be applied on flexography printing. Ink testing is always recommended before production. 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			
Avoid being stored at temperature over 50°C or direct sunshine. One year when stored at 23+2°C and 50+5% RH. If test qualified, the label can continually been used aftershelf 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 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. A.S.I Development Inc. Reserves the right to interpret latest terms to the technical documents.

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