



Ruc. 2557942-1-827268 DV 8



Technical Specifications of Labelstock			
Product Code	Fenix Synthetic Top Thermal HM WG58		
Face Stock	95µm Thermal PP		
Adhesive	General Hot Melt		
Liner	58gsm White Glassine		
Items	Specifications	Unit	Test Method
Face Stock			
Caliper	95±10%	µm	GB/T 451.3-2003
Dynamic Sensitivity	≥1.20	-	GB/T 28210-2011
Water Resistance	≥80	%	GB/T 28210-2011
Oil Resistance	≥80	%	GB/T 28210-2011
Alcohol Resistance	≥70	%	GB/T 28210-2011
The thermal top coating has good feature of water resistance, oil resistance, alcohol resistance, BPA-free. With excellent scratch resistance, weather resistance. Have a good thermal image preservation performance. Suitable for air or rail baggage label, high quality logistics label ,etc.			
Adhesive			
'Loop' Tack(23°C)	≥14	N	FTM9, ss
Peel Adhesion (90°)	≥8	N/25mm	FTM2, ss
Minimum Application Temp.	10°C		
Service Temp.	-15°C ~ +65°C		
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)	≥5.0	kN/m	GB/T 12914-1991
Printing & Converting			
<ul style="list-style-type: none"> <li>◇ Applicable for most printing process.</li> <li>◇ Processing temperature should be no more than 50°C due to the thermal feature.</li> <li>◇ Ink contains alcohol or volatile organic solvents may cause damage to thermal coating.</li> <li>◇ Ink testing is always recommended before production.</li> <li>◇ To avoid adhesive oozing from the label edge, tension should be controlled during rewinding.</li> </ul>			
Storage & Preservation			
◇ One year when stored at 23±2°C and 50±5% RH. If test qualified, the label can continually been 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 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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