



Ruc. 2557942-1-827268 DV 8



09/ DEC/2025

### Technical Specifications of Labelstock

Product Code	Thermal Trans 70HM58 (Fenix Thermal Transfer 70 HM WG 58)					
Face Stock	70gsm Thermal Transfer Paper					
Adhesive	GH502					
Liner	58gsm White Glassine					
Items	Specifications	Unit	Test Method			
<b>Face Stock</b>						
Basic Weight	70±10%	gsm	GB/T 451.2-2002			
Caliper	71±10%	µm	GB/T 451.3-2003			
Brightness	≥85	%	GB/T 7974-2002			
With coating treatment on the surface, the face stock has good smoothness and ink absorption feature. Excellent thermal transfer performance, Not easy to be smudged, Black marks will appear when scratched by metal objects, Suitable warehouse, logistics and shelf labels application.						
<b>Adhesive</b>						
'Loop' Tack	≥14 or PT	N	FTM9, ss			
Peel Adhesion (90°)	≥7 or PT	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.						
<b>Liner</b>						
Basic Weight	58±10%	gsm	GB/T 451.2-2002			
Caliper	53±10%	µm	GB/T 451.3-2003			
Tensile Strength (MD)	≥4.8	kN/m	GB/T 12914-2018			
<b>Printing &amp; Converting</b>						
<ul style="list-style-type: none"> <li><input type="checkbox"/> Applicable for most printing process.</li> <li><input type="checkbox"/> Avoid the coating peeled off by controlling ink's viscosity not too thick.</li> <li><input type="checkbox"/> Extremely good performance on processing. Applicable for rotary and plate process.</li> <li><input type="checkbox"/> To avoid adhesive oozing from the label edge, tension should be controlled during rewinding.</li> <li><input type="checkbox"/> The material can be used in food if and only if it has a barrier, it is not suitable for direct contact with food.</li> </ul>						
<b>Storage &amp; Preservation</b>						
<ul style="list-style-type: none"> <li><input type="checkbox"/> Avoid being stored at temperature over 50°C or direct sunshine.</li> <li><input type="checkbox"/> One year when stored at 23±2°C and 50±5% RH. If test qualified, the label can continually been used after shelf life.</li> </ul>						

## 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. ASI Development Inc. Reserves the right to interpret latest terms to the technical documents.

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