

UPM Adhesive Materials Technical Information

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Product	LASER LOGISTICS HS-FSC / EXTRAPERM DIGI / KRAFT SPECIAL 70-FSC / SOLID UNPRINTED
Sales Code	KHU/SXA7/KHX/W0
Product use	Product designed for laser printed logistics and industrial applications. Laser Logistics HS-FSC with extra permanent adhesive has high tack and strong adhesion to a wide range of surfaces – including plastic films, papers, cardboards and envelopes.

Typical technical values

Face	LASER LOGISTICS HS-FSC
Product	Woodfree machine finished paper.
Substance	70 g/m ² ISO 536
Caliper	91 µm ISO 534
Printability	Suitable for laser and inkjet. Flexography, offset and screenprint. Please note that conventional printing can compromise inkjet and laser overprintability.
Sustainability	The product is sold as FSC™ Mix Credit under UPM Raflatac's FSC certificate SGSCH-COC-004879.
Adhesive	EXTRAPERM DIGI
Type	Extra permanent for sheets.
Composition	Acrylic, waterborne.
Tack	13 N FTM 9
Limitations	Due to adhesive nature we are recommending to take special attention when guillotining: lower stack height, more frequent knives cleaning, using of silicone spray to keep blades free from adhesive build-up.
Backing	KRAFT SPECIAL 70-FSC
Product	White woodfree kraft backing paper.
Substance	63 g/m ² ISO 536
Caliper	67 µm ISO 534
Tensile strength MD	5,2 kN/m ISO 1924
Tensile strength CD	2,3 kN/m ISO 1924
Sustainability	The product is sold as FSC™ Mix Credit under UPM Raflatac's FSC certificate SGSCH-COC-004879.
Performance	
Total caliper	178 µm ± 10%

Minimum labelling temperature	5 °C
Service temperature	-10 to 80 °C
Shelf life	From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and 40-50% RH). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Information

Product Information	Pre-testing in actual end use is important. Cardboard surfaces are of most various types and most demanding ones are corrugated, moist and rough cardboard surfaces. In manual application the pressure plays an important role to achieve proper adhesion.
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Approvals

Approvals	For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.
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Disclaimer	<p>The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.</p>
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