

UPM Raflatac Technical Information

23-04-2023 EN SI

Product **THERMAL LINERLESS TPFREE CO2N-FSC / RL11**

Sales Code FWK/RL11/00/E0

EAN 6415787192086

Product use Designed for DT linerless applications in price marking, logistic and pre-packed food labelling applications.

This product is certified as CarbonNeutral® product (not including use). In addition to emissions, our customers can show the offset label material footprint as we have taken care of compensating the product's cradle-to-customer

GHG emissions through projects that reduce or avoid carbon emissions. UPM Raflatac Linerless products' carbon footprint calculation has been certified by the Carbon Trust against the PAS 2050 standard and their carbon neutrality by Climate Impact Partners against the CarbonNeutral Protocol.

Typical technical values

Face **THERMAL LINERLESS TPFREE CO2N-FSC**

Product High sensitivity silicone coated thermal paper produced totally without phenol-based chemistry. Paper is made from FSC™-certified (mix credit) pulp.

Substance	75	g/m ²	ISO 536	
Caliper	78	µm	ISO 534	
Tensile strength MD	3,9	kN/m	ISO 1924/2	min
Tensile strength CD	1,2	kN/m	ISO 1924/2	min
Brightness	90	%	ISO 2470	min
Opacity	90	%	ISO 2471	min.
Imaging colour	Black			
Scanning	Visible red light (wavelength up to 650 nm).			
DT printing speed	Direct thermal printing speed up to 200 mm/s.			
Printability	Suitable for direct thermal printing.			
Sustainability	The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCH-COC-004879.			

Adhesive **RL11**

Type	Permanent		
Composition	Hotmelt		
Tack	18	N/25mm	FTM 9

Backing **NO BACKING**

Performance

Total caliper	90 µm
Minimum labelling temperature	5 °C

Service temperature	from - 10 up to 100 °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

Additional info PG 3_3

Approvals

Approvals For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.

Disclaimer 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.

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All our products are sold subject to UPM Raflatac's general sales conditions, and you should ensure that any existing laws are observed.

This publication replaces all previous versions. All information is subject to change without notice.

