

UPM Raflatac Technical Information

21-06-2023 EN SI

Product **THERMAL LINERLESS TPFREE CO2N-FSC/RL1F/PATTERN GUMMING**

Sales Code FWK/RL1F/00/E0

EAN 6415788309766

Product use Product designed for DT linerless applications in price marking, logistics, and pre-packed food labeling applications. This product is certified as CarbonNeutral®. Our customers can make a deduction of emissions in their LCA calculation as we have taken care of offsetting 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 Natural Capital 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 70 g/m² ISO 536

Caliper 68 µm ISO 534

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 **RL1F**

Type Linerless permanent adhesive

Composition Rubber, hotmelt

Tack 12 N/25mm FTM 9

Backing **NO BACKING**

Performance

Total caliper 79 µm ± 10%

Minimum labelling temperature +5 °C

Service temperature -10 ... +60°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.

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.

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