

UPM Raflatac Technical Information

24-06-2025 EN SI EMEIA

Product	OPTICUT HS / RL52 CO2N / NO BACKING / PATTERN GUMMING
Sales Code	JUE/RL52/00/E0
EAN	6415787213477
Product Definition	102 mm x 100 m x 25 mm (W x L x Core), Outside Diameter - 110 mm. Rolls per box - 12 rolls
Additional Info	PG 3_3
Box Weight	11 kg
Product use	Designed for DT linerless applications in price marking and pre-packed food labelling. OptiCut lengthens weighing scales service cycle by minimizing adhesive accumulation to auto cutter devices. This UPM Raflatac product is certified as CarbonNeutral® for its entire life cycle, from cradle-to-grave. While we continue to reduce our carbon footprint, we also compensate for today's unavoidable product-related GHG emissions. The approach builds on our Life Cycle Assessment service, Label Life by UPM Raflatac. CarbonNeutral product certification was issued by Climate Impact Partners in accordance with the CarbonNeutral Protocol.

Typical technical values

Face	OPTICUT HS
Product	Medium sensitivity silicone coated thermal paper produced totally without phenol-based chemistry. Paper is made from FSC™-certified (mix credit) pulp.
Substance	74 g/m ² ISO 536
Caliper	73 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	RL52
Type	Permanent
Composition	Waterborne acrylic
Tack	6 N/25mm FTM 9
Backing	NO BACKING

Performance

Total caliper	87 $\mu\text{m} \pm 10\%$
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

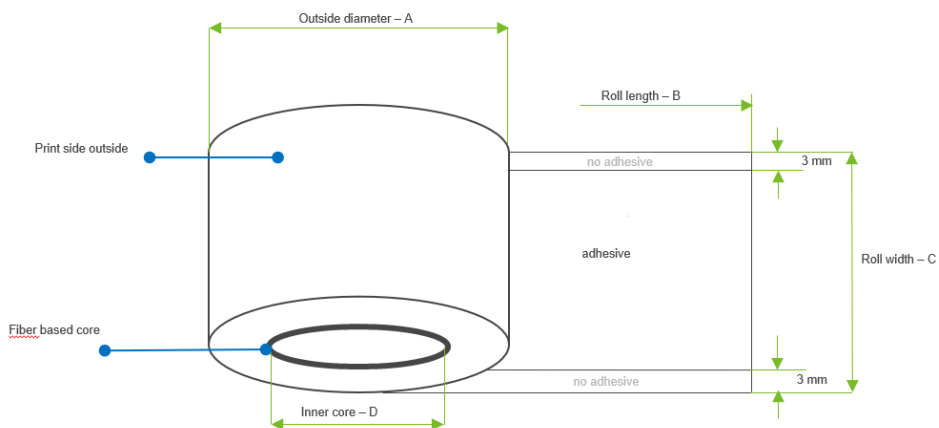
Approvals For further compliance information related to food labeling applications, please contact your local sales representative for a Declaration of Conformance (DoC) document.

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.

This publication does not constitute any warranty, express or implied, and is intended only for the recipient and cannot therefore be transferred to any third party. We cannot assume any liability for the use of our products in conjunction with other materials.

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.



Refer this measurement for above drawings. A=110 mm, B=100 m, C=102 mm, D=25 mm