

## UPM Raflatac Technical Information

17-08-2021 EN SI

|                |                                                                                                                                                                                                                                                                                                                                 |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product</b> | <b>RAFLAGLOSS NXT+FSC / REMOVABLE / KRAFT SPECIAL 83-FSC / SCORE PRINTED</b>                                                                                                                                                                                                                                                    |
| Sales Code     | GPB/SR24/EJB/W3                                                                                                                                                                                                                                                                                                                 |
| Product use    | Product designed for high-quality labels with multicolour printing and a gloss finish, where removability of the label is required. Especially recommended for promotional labeling and books inserts. The RAFNXT+ product design results in a superior carbon performance by leveraging a smarter choice and use of materials. |

### Typical technical values

|                     |                                                                                                                                                      |                  |             |        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|--------|
| <b>Face</b>         | <b>RAFLAGLOSS NXT+FSC</b>                                                                                                                            |                  |             |        |
| Product             | Off machine, glossy, coated art paper.                                                                                                               |                  |             |        |
| Substance           | 80                                                                                                                                                   | g/m <sup>2</sup> | ISO 536     |        |
| Caliper             | 65                                                                                                                                                   | µm               | ISO 534     |        |
| Tensile strength MD | 4.8                                                                                                                                                  | kN/m             | ISO 1924/1  |        |
| Tensile strength CD | 2.7                                                                                                                                                  | kN/m             | ISO 1924/1  |        |
| Brightness          | 92                                                                                                                                                   | %                | ISO 2470/1  |        |
| Roughness           | 0.5                                                                                                                                                  | µm               | ISO 8791    | PPS 10 |
| Opacity             | 87                                                                                                                                                   | %                | ISO 2471    |        |
| Gloss               | 90                                                                                                                                                   | %                | Hunter 75°  |        |
| Stiffness MD        | 0.22                                                                                                                                                 | mNm              | ISO/DP 2493 |        |
| Stiffness CD        | 0.1                                                                                                                                                  | mNm              | ISO/DP 2493 |        |
| Printability        | Letterpress, flexography, offset, rotogravure, screen and hot foil.                                                                                  |                  |             |        |
| Sustainability      | The product is sold as FSC Mix Credit under UPM Raflatac's FSC™ certificate SGSCHCOC-004879.                                                         |                  |             |        |
| <b>Adhesive</b>     | <b>SR24</b>                                                                                                                                          |                  |             |        |
| Type                | Removable                                                                                                                                            |                  |             |        |
| Composition         | Waterborne acrylic                                                                                                                                   |                  |             |        |
| Use                 | A general purpose removable adhesive designed for sheets laminates. Good long-term removability. Good cohesion and adhesion at difficult substrates. |                  |             |        |
| Tack min            | 2                                                                                                                                                    | N                | FTM 9       |        |
| Shear min           | 1                                                                                                                                                    | h                | FTM 8       |        |
| Limitations         | Not recommended for labelling PVC or acrylic coated surfaces, long term removability might be restricted.                                            |                  |             |        |
| <b>Backing</b>      | <b>KRAFT SPECIAL 83-FSC</b>                                                                                                                          |                  |             |        |
| Product             | White woodfree kraft backing paper                                                                                                                   |                  |             |        |
| Substance           | 83                                                                                                                                                   | g/m <sup>2</sup> | ISO 536     |        |
| Caliper             | 84                                                                                                                                                   | µm               | ISO 534     |        |
| Tensile strength MD | 8.7                                                                                                                                                  | kN/m             | ISO 1924    |        |

Tensile strength CD  
Sustainability

3.8 kN/m ISO 1924

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### Performance

Total caliper  
Minimum labelling temperature  
Service temperature  
Shelf life

166 µm  
5 °C  
+5 +80 °C  
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

Scoring is crucial to ensuring self-adhesive labels are easily peeled away from their backing. Our sheets have folding scores that are spaced at 35 mm intervals, what enables a smooth label opening. Scores open after bending 90–120° Scores don't open if they have not been folded previously.

### Approvals

Approvals  
Approvals  
Disclaimer

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

Toy labeling: This product complies with the European Standard EN71-3:2013 "Safety of Toys" - Migration of certain elements.

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.

