

# Specification for quantities, dimensions and packaging

## Rolls

|                                                                                                                                                                                          |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 1. Accuracy of length measurement<br>Paper-based and filmic laminate                                                                                                                     | Tolerance<br>± 1% |
| <b>2. Actual length</b>                                                                                                                                                                  |                   |
| 2.1 Ex-stock products                                                                                                                                                                    | ± 10%             |
| 2.2 Ex-coater products                                                                                                                                                                   | + 10% / -20%      |
| 2.3 Customer-specific coater products<br>excluding last slit sets of the order                                                                                                           | + 10% / -20%      |
| <b>3. Width</b>                                                                                                                                                                          |                   |
| 3.1 Master rolls, unless supplied untrimmed                                                                                                                                              | ± 2 mm            |
| 3.2 Slit rolls, minimum slitting width 100 mm                                                                                                                                            | ± 1 mm            |
| 3.3 Adhesive patterns<br>Width of adhesive band                                                                                                                                          | ± 2 mm            |
| Longitudinal variation                                                                                                                                                                   | ± 2 mm            |
| 3.4 Split back patterns<br>Split width                                                                                                                                                   | ± 2 mm            |
| Longitudinal variation                                                                                                                                                                   | ± 2 mm            |
| <b>4. Supply quantity</b>                                                                                                                                                                |                   |
| 4.1 Ex-stock products                                                                                                                                                                    | ± 10%             |
| 4.2 Ex-coater products                                                                                                                                                                   |                   |
| Order quantity less than or equal to 4,000 m <sup>2</sup>                                                                                                                                | + 20% / -10%      |
| Order quantity 4,001 m <sup>2</sup> – 24,000 m <sup>2</sup>                                                                                                                              | + 15% / -10%      |
| Order quantity over 24,000 m <sup>2</sup>                                                                                                                                                | ± 10%             |
| 4.3 Customer-specific coater products.<br>The supply quantity is based on the ordered raw material quantity. Quantity and tolerance are to be mutually agreed before order confirmation. |                   |
| <b>5. Number of splices</b>                                                                                                                                                              |                   |
| 5.1 MegaPro                                                                                                                                                                              | No splices        |
| 5.2 Mega and Regular products<br>(paper-based and filmic laminates)                                                                                                                      |                   |
| Roll length                                                                                                                                                                              | Maximum           |
| 1,000 m                                                                                                                                                                                  | 1 splice          |
| 2,000 m                                                                                                                                                                                  | 2 splices         |
| 3,000 m                                                                                                                                                                                  | 3 splices         |
| 4,000 m                                                                                                                                                                                  | 3 splices         |
| 5,000 m                                                                                                                                                                                  | 4 splices         |
| 6,000 m                                                                                                                                                                                  | 4 splices         |
| 5.3 Specialties                                                                                                                                                                          |                   |
| Roll length                                                                                                                                                                              | Maximum           |
| ≤ 1,000 m                                                                                                                                                                                | 2 splices         |
| 2,000 m                                                                                                                                                                                  | 2 splices         |
| 3,000 m                                                                                                                                                                                  | 3 splices         |
| 4,000 m                                                                                                                                                                                  | 3 splices         |
| 5,000 m                                                                                                                                                                                  | 4 splices         |
| 6,000 m                                                                                                                                                                                  | 4 splices         |

## Best before date

The best before date is indicated on UPM Raflatac's product labels. Proper handling is required for the materials to remain in perfect condition up to the best before date.

## Storage conditions

Materials should be stored away from direct sunlight and heat, in a dark, dry place. The shelf-life defined for each product is based on storage of the material at 20 to 25 °C and 40% to 50% relative humidity (Finat). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelflife. It is important that during storage, the film wrapping around the coils is not removed in order to minimize the effects of ambient moisture.

In addition, the coils should be brought to the same temperature as the ambient temperature where label printing and converting take place, 24 hours prior to processing and without removing the protective wrapping. During printing and converting, the ambient conditions influence on the labelstock in regard to lay flat properties, rigidity, strength and release.

## Packaging

Where applicable, and based on law, regulations or mutual agreement, returnable boards, frames, cases, pallets and special cores shall be charged at the appropriate rates unless returned.