

## UPM Raflatac Technical Information

23-06-2025 EN SI

<b>Product</b>	<b>VELLUM IL / PERM. DIGITAL / KRAFT SPECIAL 90 / SCORE PRINTED</b>
Sales Code	TD/DP34/14/W3
Product use	Universal label paper for commercial and general labeling. Certified by HP Indigo Industrial media for Indigo digital printing.

### Typical technical values

<b>Face</b>	<b>VELLUM IL</b>		
Product	A matt-coated surface sized woodfree SC paper.		
Substance	72	g/m <sup>2</sup>	ISO 536
Caliper	72	µm	ISO 534
Tensile strength MD	5,5	kN/m	ISO 1924/1
Tensile strength CD	2,5	kN/m	ISO 1924/1
Brightness	95	%	ISO 2470/1
Opacity	89	%	ISO 2471
Printability	Optimized for HP Indigo digital printing presses with an HP Indigo approved primer. Testing recommended for conventional printing methods.		
<b>Adhesive</b>	<b>DP34</b>		
Type	Permanent adhesive.		
Composition	Modified acrylic dispersion.		
Use	A very good adhesive for general use. Good heat resistance. Improved guillotining properties. Optimized for digital printing.		
Tack min	10	N	FTM 9
Shear min	2	h	FTM 8
PE-looptack min	8	N	modified FTM 9
Limitations	Should not be used in cold environments. Not recommended for labeling highly curved surfaces.		
<b>Backing</b>	<b>KRAFT SPECIAL 90</b>		
Product	White woodfree kraft backing paper.		
Substance	86	g/m <sup>2</sup>	ISO 536
Caliper	87	µm	ISO 534
Tensile strength MD	8,7	kN/m	ISO 1924
Tensile strength CD	3,8	kN/m	ISO 1924

## Performance

Total caliper	174 µm
Minimum labelling temperature	5 °C
Service temperature	-10 to 100 °C
Shelf life	From date of manufacture: 12 months, under FINAT defined storage conditions (+20-25°C and RH 40-50%). 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.
Product availability	Standard range. (Other sizes and/or components available upon request).

STANDARD SHEET SIZE (CM)	32 x 46
PACKAGING TYPE	Box 100/250 sh

## 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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