TECHNICAL SPECIFICATIONS

# Laid White 90 WS / BC500 / KW90

## Facestock

### Laid White 90 WS

*Description* Uncoated wet-strength woodfree laid paper with a textured finish.

*Color* White

*Applications* Specially designed for prestige labels for wine, spirits and gourmet products.
We recommend winding the labels reels with the face side out.

*Printing techniques* Suitable for printing on offset UV, conventional offset, screen printing, hot stamping, flexo solvent-base, UV flexo, flexo water-based.

| Property | Norm | Units | Value | Tolerance |
|---|---|---|---|---|
| Substance | ISO 536 | g/m² | 90 | ± 4% |
| Thickness | ISO 534 | µm | 135 | ± 5% |
| Tensile strength MD/CD | ISO 1924 | kN/m | ≥ 5,5 / ≥ 3,5 | |

## Adhesive

### BC500

*Description* Acrylic permanent adhesive for non-recyclable bottles. The printed label resists a minimum of 2 hours with the bottle being submerged ice water (Ice Test).

*Shelf life* From the date of manufacture, 2 years in 20ºC and RH 50%

| Property | Norm | Units | Value | Tolerance |
|---|---|---|---|---|
| Adhesion (Peel 180º 20'/stainless steel) | FTM 1 | N/25mm | 17 | ≥ 15 |
| Tack (Quick Stick stainless steel) | FTM 9 | N | 13 | ≥ 9 |
| Shear (1kg, in²/glass) | FTM 8 | min | 400 | ≥ 180 |
| Minimum labelling temperature | | ºC | +5 | |
| Minimum service temperature | | ºC | -20 | |
| Maximum service temperature. | | ºC | +80 | |

## Liner

### Kraft White 90

*Description* One-side coated white liner: good stiffness and high dimensional stability for varying temperatures. Available in solid and split back.

*Color* White

| Property | Norm | Units | Value | Tolerance |
|---|---|---|---|---|
| Substance | ISO 536 | g/m² | 90 | ± 4% |
| Thickness | ISO 534 | µm | 90 | ± 4 |
| Tensile strength MD/CD | ISO 1924-2 | kN/m | 5,2/2,6 | -0,6/-0,3 |

- Values are subject to change without notice. Last updated 01.01.2025.
- The technical information that appears in this document reflects our knowledge and experience, but should only be considered as a general guideline.

*Our self-adhesive mill is certified to the strictest environmental standards **ISO 14001 and EMAS** and has successfully completed audits for **ISO 50001, ISO 9001 and ISO 45001** certification. Adestor paper products are available with **PEFC and FSC®** C011032 chain of custody certificates upon request.*

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