

## Technical Datasheet - Paper Labels

### Paper - Gloss White

**Label material:**

White label paper, semi-gloss coated on one side

Grammage: approx. 80 g/m<sup>2</sup> ISO 536

Caliper: approx. 66 µm ISO 534

Tensile strength MD: approx. 76 N/15 mm DIN 53112

Tensile strength CD: approx. 34 N/15 mm DIN 53112

Stiffness MD: approx. 160 mN DIN 53121

Stiffness CD: approx. 90 mN DIN 53121

Surface gloss Angle: 60° to the perpendicular: approx. 27 %

Opacity: approx. 89 % ISO 2471

**Adhesive:**

Permanent, acrylic based adhesive

Tack: high

Peel adhesion: very high

Shear: high

Minimum application temperature: 0 °C

Service temperature: -30 °C to +80 °C

**Release liner:**

Honey, supercalendered glassine

Grammage: approx. 59 g/m<sup>2</sup> ISO 536

Caliper: approx. 51 µm ISO 534

Tensile strength MD: approx. 80 N/15 mm DIN 53112

Tensile strength CD: approx. 45 N/15 mm DIN 53112

Transparency: approx. 54 % DIN 53147

**Direct application to food:**

ISEGA certification for dry, damp, & fatty foodstuffs.

(Correction factor 4)

### Paper - Matt White

**Label material:**

White, machine-finished label paper, PEFC certified

Grammage: approx. 70 g/m<sup>2</sup> ISO 536

Caliper: approx. 67 µm ISO 534

Tensile strength MD: approx. 83 N/15 mm DIN 53112

Tensile strength CD: approx. 43 N/15 mm DIN 53112

Stiffness MD: approx. 150 mN DIN 53121

Stiffness CD: approx. 77 mN DIN 53121

Opacity: approx. 83 % ISO 2471

**Adhesive:**

Permanent, acrylic based adhesive

Tack: high

Peel adhesion: very high

Shear: high

Minimum application temperature: 0 °C

Service temperature: -30 °C to +80 °C

**Release liner:**

Honey, supercalendered glassine

Grammage: approx. 59 g/m<sup>2</sup> ISO 536

Caliper: approx. 51 µm ISO 534

Tensile strength MD: approx. 80 N/15 mm DIN 53112

Tensile strength CD: approx. 45 N/15 mm DIN 53112

Transparency: approx. 54 % DIN 53147

**Direct application to food:**

ISEGA certification for dry, damp, & fatty foodstuffs.

(Correction factor 4)