

Technical Datasheet - Metallic Foil Labels

Polypropylene - Gloss White

Label material:
White, glossy, biaxially oriented polypropylene film with topcoat
Grammage: approx. 45 g/m² ISO 536
Caliper: approx. 60 µm ISO 534
Tensile stress MD: approx. 105 N/mm² ISO 527
Tensile stress CD: approx. 185 N/mm² ISO 527
Surface gloss (Angle: 60° to the perpendicular): approx. 90 % DIN EN ISO 2813
Opacity: approx. 85 % ISO 2471

Polypropylene - Matt White

Label material:
White, matt, polypropylene film with topcoat
Grammage: approx. 47 g/m² ISO 536
Caliper: approx. 65 µm ISO 534
Tensile stress MD: approx. 80 N/mm² ISO 527
Tensile stress CD: approx. 180 N/mm² ISO 527
Opacity: approx. 87 % ISO 2471

Polypropylene - Gloss Clear

Label material:
Transparent, glossy, biaxially oriented polypropylene film with topcoat
Grammage: approx. 46 g/m² ISO 536
Caliper: approx. 50 µm ISO 534
Tensile stress MD: approx. 110 N/mm² ISO 527
Tensile stress CD: approx. 230 N/mm² ISO 527
Surface gloss Angle: 60° to the perpendicular: approx. 137 % ISO 2813
Transparency: approx. 93 % DIN 53147

All Materials

Adhesive:
Permanent, acrylic based adhesive
Tack: high
Peel: adhesion very high
Shear: very high
Minimum application temperature: 5 °C
Service temperature: -30 °C to +120 °C

Release liner:
Honey, supercalendered glassine
Grammage: approx. 59 g/m² 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 3)