

Thickness Measurement

DIMENSIONAL CONTROL OF FILMS AND COATINGS



KEY WORDS

THICKNESS,
DIMENSIONAL
CONTROL,
COATINGS

DESCRIPTION

Precise thickness measurements are performed on plastic films, as well as on layers of coatings or paints applied to a substrate. Accurate thickness control is essential to ensure product consistency, meet design specifications, calculate material performance, and guarantee the proper functioning of barriers and protective devices. Different techniques are used depending on the nature of the sample.

AVAILABLE TECHNIQUES AND/OR EQUIPMENT

- Digital micrometer and coating thickness gauge

APPLICATIONS

- Packaging films
- Layers of paint and varnish
- Protective coatings
- Quality control in lamination and coextrusion processes
- Plastic sheets and films

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