

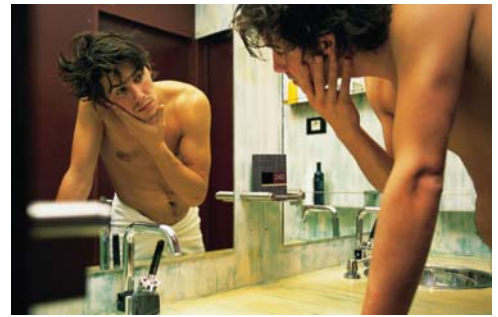
## WHAT IS CAST-COATED PAPER?

Extra-glossy or cast-coated paper is a usually one-sided coated paper with a high degree of gloss. This characteristic is acquired through the application of a layer of coating that is different from other coated papers.

The degree of gloss, as well as additional characteristics such as smoothness, whiteness, volume and printability, makes it suitable for many applications where a careful, high-quality finish is required.

Today it is used primarily for self-adhesive labels, labels, and packaging.

- Self-adhesive labels with diverse final applications:
  - o Food
  - o Beverages
  - o Detergents and chemical products
  - o Cosmetics
- Labels for gluing for beverages, principally wine and cava
- Cases, folders, boxes



### Manufacturing technology and main characteristics

Cast-coated paper can be defined as a usually one-sided **coated paper** with a high degree of gloss. The gloss is acquired through the application of heat by a chrome cylinder. The gloss finish is obtained without applying pressure to the paper. As a result, cast-coated paper has a rough back and a greater specific volume.

The application of coating, whose grammage is approximately 25 g/m<sup>2</sup>, is carried out using a series of rollers that deposit the completely damp layer onto the paper. The paper then enters into contact with a chrome roller heated to 80°C.

When it comes into contact with the smooth surface of the roller, the paper, while heating, dries, taking on the image of a polished surface.

This manufacturing system is known as the wet system, or Champion system.

As a result, paper with the following characteristics is obtained:

- Completely smooth, glossy surface
- Higher specific volume than other 1-side coated papers
- Good receptiveness and absorption of ink
- High roughness of back

Cast-coated paper is printable with all printing systems:

- Offset conventional and UV
- Flexo, conventional and UV
- Typographic, conventional and UV
- Stamping
- Varnished (oils, acrylics and UV)
- Tampography
- Rotogravure
- Serigraphy