



What Is Mylar® Film Made Of?

Mylar® polyester film is made of polyethylene terephthalate (PET). The way that it is made is that molten polyethylene terephthalate (PET) polymer is first extruded onto a chill roll drum to form film. The film is then biaxially oriented by being stretched first in the machine direction (MD) and then in the transverse direction (TD). The orientation is accomplished by passing the film over rollers that run at increasingly faster speed (MD orientation), then fed into a stenter frame, where it is pulled at right angles (TD orientation). This stretching rearranges the PET molecules into an orderly structure to substantially improve the film's mechanical properties. Finally, the film is heat-set to stabilize it. It will not shrink again until exposed to its original heat-set temperature.

What Is Mylar® Film?

Mylar® is one of the world's most recognized and widely used polyester films. Because of its popularity, the term "Mylar" is typically used when referring generally to plastic film. However, Mylar® is actually the name of a popular film that belongs to the family of polyester brands from DuPont Teijin Films™. Mylar® is a biaxially-oriented polyethylene terephthalate (BoPET), which means it is stretched in two directions giving it exceptional tensile strength.

Tekra Offers Full Line of Mylar® Film

Tekra offers Mylar® polyester film in sheets and rolls in a variety of thicknesses (0.5 mil to 14 mil) and widths, and we actively stock several Mylar® film types including:

- Very Clear
- Super Clear
- Hazy

Tekra is an authorized distributor of DuPont Teijin Films™, and we offer product innovation, market knowledge and technical expertise. We welcome the opportunity to better understand your polyester requirements, and will provide both technical & commercial guidance for matching the right film to your specifications.

Feel free to contact Tekra at 1-800-448-3572 to discuss your Mylar® polyester film needs.