



HEAT STABILIZATION

The stability of the PET film according to heat

The biaxially oriented polyester film shrinks permanently between 1% and 2% at a temperature of 150°C. This means that a sheet of 1 meter could have shrinkage of 10 to 20 mm when heated at 150°C.

Certain procedures demand a rigorous observance of dimensions, for example when prints are made in several stages, if laminations are performed with low-shrinking material, or when material is placed in an oven for polymerization purposes.

In these circumstances, the polyester film must be heat stabilized.

The Normandy Coating proposal

On the strength of its 10 years of expertise in the sphere of heat stabilization of polyester film, Normandy Coating can provide treated films with shrinkage divisible by 10.

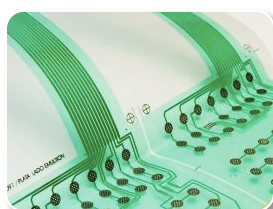
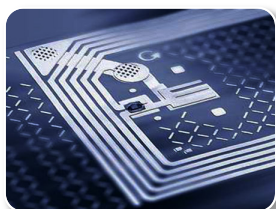
We supply each customer with custom-made specifications and the appropriate level of heat stabilization, which are in accordance with its application.

Heat stabilization is available on clear, hazy, milky or white opaque PET films from 23 μ m to 250 μ m and in widths up to 1600mm. We select PET films from our suppliers from around the world.

Typical dimensional stability of PET with Normandy Coating heat stabilization

	23 μ m	50 μ m	75 μ m	100 μ m	125 μ m	175 μ m	250 μ m
MD	0.7%	0.3%	0.2%	0.1%	0.1%	0.2%	0.4%
TD	0.4%	0.2%	0.1%	0.1%	0.1%	0.1%	0.2%

Average values (ASTM D.1204 – 150°C/30mn) given for information and for a clear PET film



Normandy Coating provides a huge range of treatments and coatings to produce polyester film with different levels of adhesion or non-adhesion, antistatic, matt, shiny surfaces and a number of other types, according to customers' applications and specifications.

As the master roll is not necessarily the answer to all industrial processes, Normandy Coating has the ability to convert and pack the polyester film on demand.

**Infinite possibilities...
One solution.**