Universal Peelable Polyester Films

TPL universal peelable film range seals on most of existing tray materials including polyolefines such as PP, PE, PS. Easy and fast sealing properties make these films a highly efficient lidding substrate. High transparency and easy opening without tearing are key features of these films.

Benefits

• Easy opening without tearing or shredding makes these films consumer friendly
• Seals well through contamination
• High convenience due to self venting function: the steam is evacuated without need of perforation during cooking or reheating
• Very low seal initiation temperature
• Wide sealing temperature range without deformation
• Withstands temperatures from -40 to 220°C (dual ovenable: for use in microwave and traditional oven)
• Good barrier properties and high transparency
• Available with post-consumer recycling content

Applications

• Peel-off lidding of chilled and frozen food such as ready meals, fresh produces, sandwiches, safety closure for bottles and jars

Properties

• Seals at temperature from below 100°C to 220°C
• Suitable for direct contact with food
• One side is a heat sealable surface, the other side can be corona or chemically treated for improved printability
• Can be used for reheating food in traditional or microwave ovens.

Compliance

This film is a FDA certified product. This film is suitable for the production of foodstuff packing and complies with food conformity requirements of US FDA 21CFR 177.1630 and EU PIM 10/2011. The specific migration limits (SML) are within the specific norms.
Compatibility

- The universal peelable coating applied to the PET film makes these lidding sealable on nearly every materials.
- Seals to itself and PP, PE, PEHD, PS, HIPS, PC, PLA, PA, APET, RPET, CPET, Aluminium foil, glass, polyester coated paperboard trays, paper, PVDC, PVC.

Range of films

A complete range of film types are available differentiated by their peeling force: films with easy peelability (less force needed) and films with a medium peelability (more force needed).

Optional features:
- Corona or chemical treatment on the opposite side
- Anti-fog treatment
- High peel strength on PP trays
- Standard barrier or high barrier to oxygen and water vapor

Thicknesses available: from 13.5 to 50 my

Also available in R-PET with up to 90% PCR content