

FULL PP POUCH WITH HIGH BARRIER PROPERTIES

PP based lamination film designed for recyclability with barrier characteristics



This pouch is made of a PP based lamination film with high barrier properties and serves as an example for sustainable packaging solutions. The base film structure consists of polypropylene with a minimized usage of high barrier raw materials that ensures that design requirements for recyclability are met. A supplementary inorganic coating on the base film provides additional enhancement of the barrier properties without adding noteworthy amounts of extraneous material.

Your advantages

- ✓ Designed for maximum recyclability
- ✓ High barrier properties for improved shelf life
- ✓ Excellent optical and mechanical properties

Our partners



With over 50 years experience in the industry, Borealis is an innovative and reliable supplier of superior polyolefin

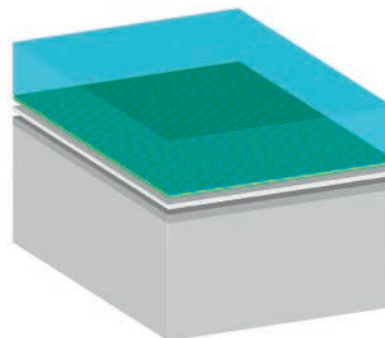
plastic materials used in consumer products, advanced packaging and fibre.



Applied Materials, with more than 60 years of experience and >700 installed systems, is the leading

supplier of advanced roll-to-roll vacuum coating-systems. Our dedicated production platforms are used for deposition of thin films for touch panels, flexible electronics and displays, packaging and advanced technology applications.

Recipe



20 µm BOPP film
(counter printed)
Adhesive

60 µm Cast-PP film
metallization or
oxide barrier coating



Learn more about **FULL PP POUCH** on **FILMEX™**:
www.wh.group/K2019

Find more information about **FILMEX™**
on the back of the page.



FILMEX[™]

The highly efficient cast film line with the most consistent film quality



The FILMEX[™] is based on a modular concept that enables optimal user- and product-specific configuration options, thus offering the greatest possible flexibility in product design. The development of the FILMEX[™] was driven by productivity, flexibility, automation and sustainability. Every component is designed to deliver consistent, superior quality film at top outputs. Shortest startup and changeover times reduce the use of raw materials and the amount of waste significantly while maintaining excellent film quality.

- FILMEX[™] is individually customizable to your specific customer requirements as a result of modular concept
- Unique screw design provides excellent melt quality for all types of resins
- Precise and reliable resin dosing ensures excellent single layer precision
- FILMATIC[™] TC and FILMATIC PS winding technology ensures superior reel quality for best downstream processing

Your advantages

- ✓ Most consistent high quality film for optimum performance in the downstream process
- ✓ Highest production efficiency through full integrated automation
- ✓ Machine designed for maximum product flexibility

Technical Data

Film structure	5 – <50 Layers
Net film width	2 – 4,5 m
Thickness gauge	6 – 400 µm
Net output	up to 3000 kg/h.
Line speed CPP/barrier	up to 350 m/min.
Line speed stretch	up to 800 m/min.

