

STAND-UP POUCHES

Estiko-Plastar offers a wide range of laminated films for different stand-up pouches.

Our main aim is to offer a high quality product that has a down-gauging potential that is combined with great sealing performance which will together reduce the amount of material used and decrease energy consumption.

You can find many different options down below that fit your industry and specific requirements. They are with very different sealing, mechanical, optical and barrier properties. EVOH can be incorporated into the PE structure for extra high gas barrier properties. The range includes among others films for retortable and hot-fill applications. As an extra, you have several sealing layer options to choose from. Among those you will find a new "seal through contamination" layer that has proven to work very well even under most severe conditions. For further puncture and stress-crack resistance we can offer our special films with a modified PE layer.

PS. Don't forget to read and ask about our **new laser-technology** and **sustainable packaging** options to see the potential for added value for your products!

Outer Layer	Types	Common thickness (µm)	Middle layer	Common thickness (µm)	Inside/Sealing layer	Types	Common thickness (µm)	Sealing options
OPP	Transparent; Matte	15;20;30			PE	Transparent ; White ; Tinted	30-200	K1; K2; K3, K4
OPP					PE/EVOH/PE			
OPP					PP			
OPP					PP/EVOH/PP			
OPP			PETmet	12	PE			
OPP			PETmet		PP			
PET	Transparent; Matte	12;36			PE	Transparent ; White ; Tinted	30-200	K1; K2; K3, K4
PET					PE/EVOH/PE			
PET					PP			
PET					PP/EVOH/PP			
PET			PETmet	12	PE			
PET			PETmet		PP			
OPA	Transparent	15			PE	Transparent ; White ; Tinted	30-200	K1; K2; K3, K4
OPA					PP			
Esttop PA/PE	Transparent; White; Tinted	50-200						K1; K2; K3
Esttop_RT PA/PP	Transparent; White; Tinted	50-200						K4

Extra options:

- **Tinting and coloring** – We can tint or color the PE materials in the tone you need. We have a choice of standard pigments but the tone can be changed by your preferences by using special masterbatched ordered specifically for your needs.
- **Sealing layers** – You can choose from six different sealing layers:
 - **Standard (K1)** – A very versatile sealing layer that has proven itself well over the years. It has low seal initiation temperature and excellent hot-tack. The sealing temperature can often be lowered compared to your regular film and you will still receive a fully hermetic package.
 - **Premium (K2)** – For more demanding products we have an enhancement of the standard layer which offers an even wider sealing window and better hot-tack. We suggest to use this one if you pack a hot product, have a very fast machine or need to reduce the sealing temperature even further.
 - **"Seal through contamination" (K3)** – This new sealing layer has the lowest seal initiation temperature, the highest hot-tack, gives the best seal integrity and as the name states, is perfect for sealing through contaminants like oil/grease and dust.
 - **PP sealing layer (K4)** – gives a tight lock-up seal for regular and retort applications.