



Exceed™ Stiff

Exceed™ Flow+

Exceed™ Tough+





Exxtra™ Seal

ExxonMobil™

Recyclable** full-PE laminated pillow pouch for packaging with sustainability benefits

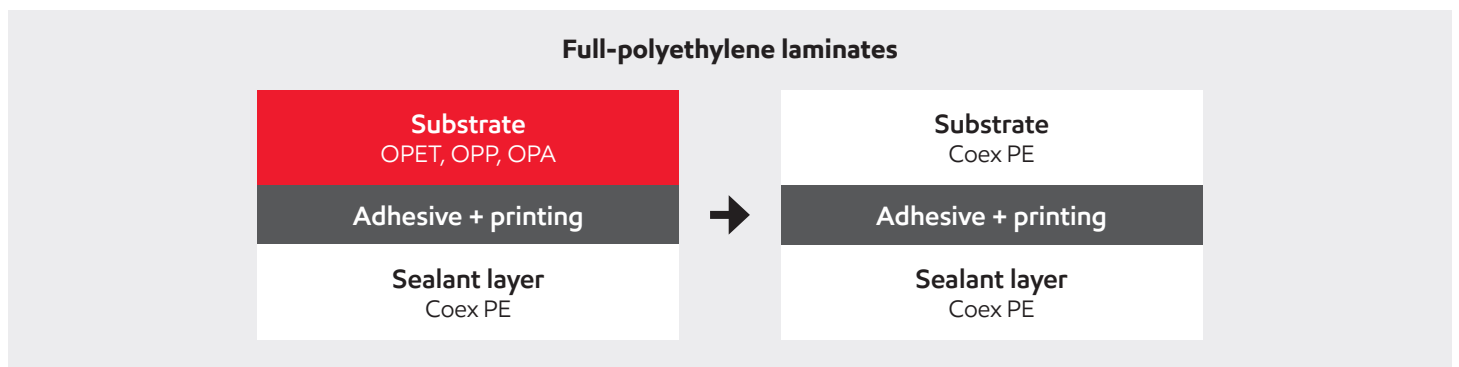
ExxonMobil's performance polyethylene (PE) allows the fabrication of full-PE laminated films that are recyclable**, offers excellent packaging integrity and optics and easy processing at optimized line speeds.

Breakthrough performance

 <p>Sealing/bag drop performance</p> <ul style="list-style-type: none"> tailored stiffness/toughness balance 	 <p>Good optical properties</p> <ul style="list-style-type: none"> easier bar code scanning
 <p>Optimized FFS line speeds*</p> <ul style="list-style-type: none"> comparable FFS line speed vs. PET//PE 	 <p>Simplified material selection for laminate structure</p> <ul style="list-style-type: none"> Easier recycling**

Design for recyclability**

A solution that enables high quality mono-material packaging structures that can be mechanically recycled**



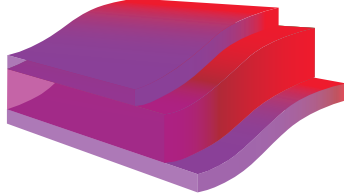
* Line speeds in machines that have been modified to run PE or poly heat seal (PHS) friendly machines
 ** Recyclable in the few communities with programs and facilities in place that collect and recycle plastic film

PE//PE laminates recipe for pillow pouch in collaboration with Shubham Extrusion

PE//PE lamination top film structure - 3-layer film structure.

- Exceed™ Stiff m 1327 metallocene polymer
- Exceed™ Flow+ m 0938.MC metallocene polymer
- ExxonMobil™ HD 6107FL

Thickness 25 µm

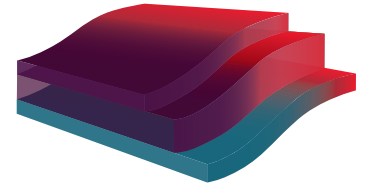


PE//PE lamination sealant film with extreme performance

PE//PE lamination sealant film structure - 3-layer film structure.

- Exceed™ Tough+ m 0814 metallocene polymer
- Exxtra™ Seal m 2012.MK metallocene polymer
- ExxonMobil™ HD 6107FL
- ExxonMobil™ LD 07523.AC

Thickness 30 µm



Grades	Melt Index (g/10min)	Density g/cm ³	Non-MDO PE//PE	
			Substrate	Sealant
Exceed™ Stiff m 1327	1.3	0.927	•	
ExxonMobil™ HD 6107FL	0.7	0.961	•	•
Exceed™ Flow+ m 0938	0.9	0.940	•	
Exceed™ Tough+ m 0814	0.8	0.914		•
Exxtra™ Seal m 2012	2.0	0.912		•
ExxonMobil™ LD 07523	0.75	0.923		•

Test methods of MI and Density are from the 2022 version of the respective product datasheet

Contact us for more information: [exxonmobilchemical.com/pe](https://www.exxonmobilchemical.com/pe)

ExxonMobil
Signature Polymers

Bring your impossible



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What's new: ExxonMobil Signature Polymers

All our polymers are now positioned under a single portfolio brand: Signature Polymers. The aim is to simplify our product architecture and naming to improve portfolio navigation for you. We would like to stress that our commitment to high quality products remains the same, it is the names that change. Everything else remains the same. We will be making these modifications over the next six months so you will see both old and new grade names highlighted during that time. Here's a quick overview of brands and grade names that have changed in this document:

Legacy Commercial Name

Exceed™ 1327MK
Enable™ 4009MC
ExxonMobil™ HDPE HTA108
Exceed™ XP 8784
Exceed™ 2012MK
ExxonMobil™ HDPE HTA108
ExxonMobil™ LDPE 150AC

New Commercial Name

Exceed™ Stiff m 1327
Exceed™ Flow+ m 0938.MC
ExxonMobil™ HD 6107FL
Exceed™ Tough+ m 0814
Exxtra™ Seal m 2012.MK
ExxonMobil™ HD 6107FL
ExxonMobil™ LD 07523.AC

Some of our existing Exceed, Achieve, Paxon and premium PP/HD grades have moved to Exceed brand; most existing Enable grades have moved to Exceed Flow[+]; most of our existing Exceed Tough+ grades have moved to Exceed Tough[+]; most of our existing Exceed S grades have moved to Exceed Stiff[+]. More details here https://www.exxonmobilchemical.com/en/brands/signature-polymers/exceed_high_performance_polymers or contact your ExxonMobil representative to know more.

Want to see what's changed in our portfolio? Go to [exxonmobilchemical.com/sptransform](https://www.exxonmobilchemical.com/sptransform)