



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



Sealing/bag drop performance

- tailored stiffness/toughness balance



Optimized FFS line speeds*

- comparable FFS line speed vs. PET//PE



Good optical properties

- easier bar code scanning



Simplified material selection for laminate structure

- easier recycling**

* Line speeds in machines that have been modified to run PE or poly heat seal (PHS) friendly machines

** Recyclable in communities with programs and facilities in place that collect and recycle plastic film

Design for recyclability**

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

Full-polyethylene laminates

Substrate
OPET, OPP, OPA

Adhesive + printing

Sealant layer
Coex PE

Substrate
Coex PE

Adhesive + printing

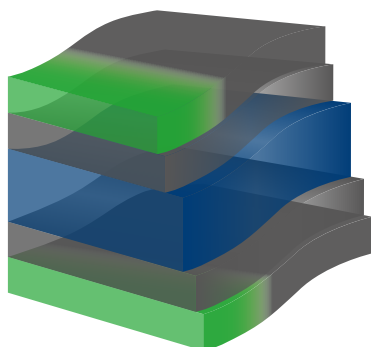
Sealant layer
Coex PE

MDO PE laminates recipe for pillow pouch

MDO PE layer – 5-layer film structure.

- Exceed™ S 9272
- Enable™ 4009
- HDPE

Thickness 25 µm

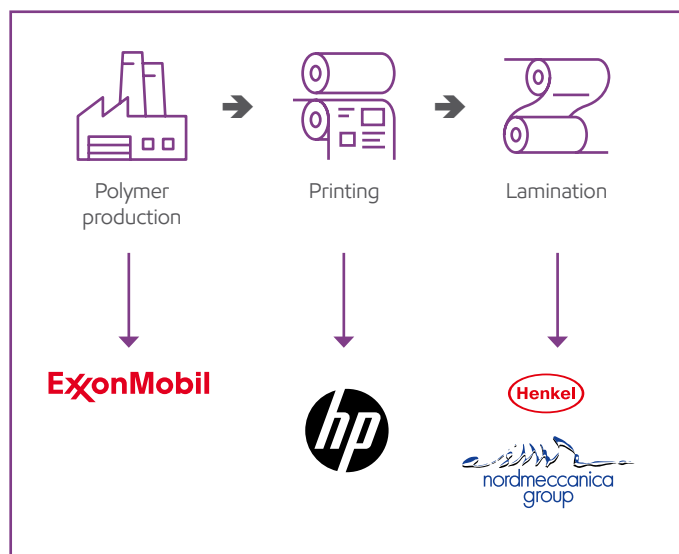
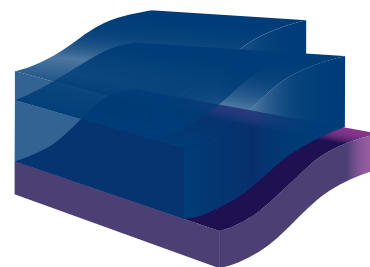


MDO PE//PE lamination sealant film with extreme performance

PE sealant film layer – 3-layer film structure.

- Exceed S 9272
- Exceed S 9243
- Exceed™ XP 7052
- Exact™ 3237

Thickness 80 µm



Grades	Melt Index (g/10min)	Density g/cm ³	MDO PE//PE	
			Substrate	Sealant
Enable 4009	0.9	0.938	●	
Exceed S 9272	0.8	0.920	●	
Exceed S 9243	0.85	0.926	●	●
Exceed XP 7052	0.5	0.912		●
Exact 3237	2.0	0.908		●

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

Why ExxonMobil PE? Why today?

tomorrow's
performance
today

What some might view as solutions that will only happen in the future, ExxonMobil PE is making possible today – through our innovative and reliable products, collaborative approach, technology leadership and support, and our unmatched global supply and resources. Why wait for tomorrow to advance your business today? Learn more about how we're helping our customers create packaging solutions with sustainability benefits now. Contact your ExxonMobil PE representative and begin experiencing tomorrow's performance today.



Advancing tomorrow's
performance today in full-PE
laminated pillow pouches.

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