



Low density Exceed™ XP 7 performance polyethylene extends the extreme performance of stretch hood films

Exceed XP 7 grades extend the extreme performance of stretch hood films by delivering remarkable mechanical properties with a combination of low density and fractional melt index (MI).



High holding
force and
elasticity



Extreme
puncture



Low haze with
easy openability



Formulation
simplification

Exceed XP 7021 and Exceed XP 7052 performance polyethylene offers the value chain a combination of attributes — including levels of elasticity and holding force, puncture resistance, and low haze — currently unavailable in a single resin.

Beneficial attributes

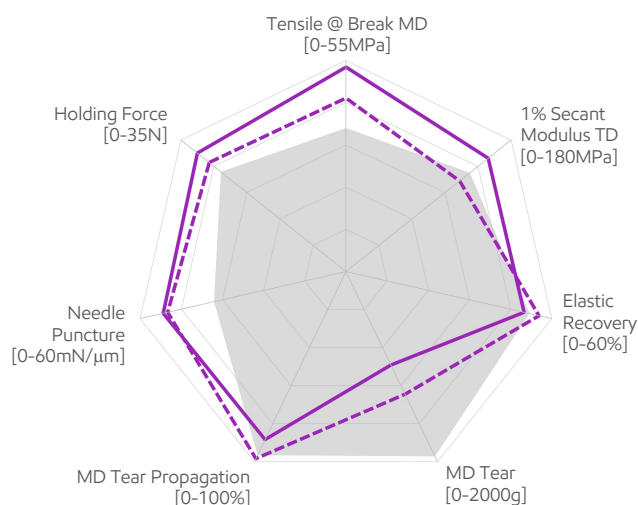
- High elastic recovery for easy stretching and high holding force
- Bubble stability for good gauge profile
- Low haze with easy openability
- Extreme puncture resistance

Value

- High film softness, even without HEVA or plastomers
- Film formulation simplification with a single resin solution
- Trouble-free hooding operations
- Enhanced pallet stability for better product protection and improved safety
- Improved barcode and QR code reading
- Single resin Exceed XP 7-based film, contributing to its recyclability*

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

3-layer 120 micron stretch hood film solutions based on Exceed™ XP 7052 performance polyethylene and Vistamaxx™ 6102 performance polymer offer significant benefits compared to a 120 micron market reference alternative, as can be seen in the chart below.



	Market reference 120μm	ExxonMobil solution 1 120μm	ExxonMobil solution 2 120μm
Skins	C6mLLDPE*	Exceed XP 7052*	Exceed XP 7052*
Core	C8mLLDPE Vistamaxx 6102	Exceed XP 7052	Exceed XP 7052 Vistamaxx 6102

* Slip and anti-block masterbatch added in skin layers.
C6mLLDPE: 1.0 g/10min MI; 0.918 g/cm³ Density
C8mLLDPE: 0.80 g/10min MI; 0.905 g/cm³ Density
Data from tests performed by or on behalf of ExxonMobil.
Data traceability: R2005-001026; R2103-003320

Extend the extreme performance of your stretch hood films using Exceed XP 7 performance polyethylene.

Grade	Melt index (g/10 min)	Density (g/cm ³)	Slip / anti-block
Exceed XP 7021	0.20	0.911	No
Exceed XP 7052	0.50	0.912	No

Test item	Test method
MI (Melt Index)	Test method based on ASTM D-1238
Density	Test method based on ASTM D-4703 and ASTM D-1505/ISO 1183
Tensile at Break	Test method based on ASTM D-882
1% Secant Modulus	Test method based on ASTM D-882
Elmendorf Tear	Test method based on ASTM D-1922
Holding Force	Test method based on ExxonMobil method
Needle Puncture	Test method based on CEN 14471 (probe diameter = 0.8 mm)
Tear Propagation	Test method based on ExxonMobil method
Elastic Recovery	Test method based on ExxonMobil method

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. Learn more about how we're helping our customers create solutions with sustainability benefits. Why wait for tomorrow to advance your business today? Contact your ExxonMobil PE representative and begin experiencing tomorrow's performance today in your stretch hood films.

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