



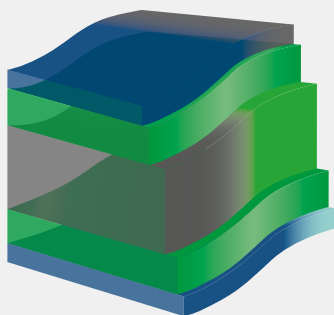
# Collation shrink film leveraging Exxtend™ technology for advanced recycling







## 5-layer performance collation shrink film

Thickness: 35 µm

- Exceed S 9272ML
- Enable 3505MC
- Enable 4002MC
- ExxonMobil™ LD151HR
- ExxonMobil™ LD165BW1



### ExxonMobil performance PE polymers deliver:

-  Excellent toughness and stiffness
-  Excellent shrink performance and package integrity
-  Shelf appeal, brand visibility
-  Includes certified-circular content\*

\*Through mass balance attribution

Polymer properties	Exceed S 9272ML	Enable 3505MC	Enable 4002MC	Test method* (based on)	Unit
Melt index (190°C/2.16 kg)	0.80	0.50	0.25	ASTM D1238	g/10 min
Density	0.920	0.935	0.938	ASTM D1505	g/cm <sup>3</sup>

\* For detailed product information, please consult the individual grade data sheet, available on our website: [www.exxonmobilchemical.com](http://www.exxonmobilchemical.com). Values given are typical and should not be interpreted as specifications. Data generated by or on behalf of ExxonMobil.

### Exxtend technology for advanced recycling

Exxtend can help widen the range of plastic materials that can be recycled and helps maintain the performance of material over multiple recycling loops. Product quality and performance of the certified-circular polymers are identical to polymers made from virgin raw materials, so customers can be confident when using them in existing applications.

Watch the video:



ExxonMobil  
K2022  
microsite:



**Advancing sustainable solutions. Together.**

For more information: [exxonmobilchemical.com/pe](http://exxonmobilchemical.com/pe)  
ExxonMobil Hub: EN11

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# VAREX'' WITH FILMATIC'' V

Safe and easy – Efficient winding performance for VAREX''



## Why VAREX'' with FILMATIC'' V?

The goal of this new winder generation was to achieve best-in-class winding performance, easy operation and excellent safety standards. The start of the winding process is critical, therefore we improved the surface winding from the beginning to very end of the roll. To make the highly complex winding process easy and reliable for all operators, W&H has developed a completely new human machine interface. Among other safety features, new light curtains and laser supported core alignment promoted meeting the highest international safety standards.

- Single point of operation reduces the risk of operator errors
- Integration of W&H automation and assistance modules
- Improved flexibility due to possible change of the winding direction
- Improved accessibility for easier maintenance
- Option for right angled cut with no foldback

## Your advantages

- FILMATIC'' V offers safe and easy winding performance for VAREX'' blown film lines
- Highest level of process stability and flexibility with the most demanding applications
- Integration of automation and assistance modules like TURBOSTART and EASY2 CHANGE
- FILMATIC'' V is easily retrofittable

Technical Data VAREX''	
Line widths	1300 – 3600 mm
Number of film layers	1, 3, 5, 7, 9, 11
Extruder screw diameters	50, 60, 70, 90, 105, 120, 135 mm
Die diameters	160 – 900 mm
Raw materials	Biomaterials, recycling materials, PE, PP, EVOH, PA, Ionomers, .....
Winders	FILMATIC'' V (surface/center/gap winder) FILMATIC'' T (turret winder) FILMATIC'' N (surface/center/gap winder)
Special equipment	Side gussets, Water bath, Annealing units, MDO, ...



Windmüller & Hölcher at K2022:  
Hall 17 / A57

For more information: [www.wuh-group.com](http://www.wuh-group.com)