

Exceed™ Exceed™ Flow Exceed™ Tough+ ExxonMobil™ LD ExxonMobil™ HD

Reifenhäuser achieves 1,000 kg/h* output with ExxonMobil Signature Polymers resins for collation shrink film

 <p>High speed production</p>	 <p>Easy processing</p>	 <p>Good stiffness</p>	 <p>Good optics</p>
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Data and results presented herein apply specifically to the noted application under this machine run sheet. Your results may differ depending on factors such as operating conditions, equipment and materials used.
* Ultra Die 5 with a 350 mm die insert

Reifenhäuser aimed to produce a high-quality film suitable for collation shrink applications, while pushing the boundaries of extrusion speed and output. Their goal was to achieve a record throughput of 1,000 kg/h on the EVO 350 line – a challenge that demanded advanced machinery expertise and innovative resin formulation.

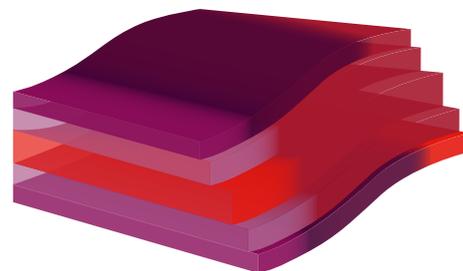
To meet this ambitious target, Reifenhäuser collaborated with the ExxonMobil Signature Polymers team and used the following high-performance resins:

- Exceed™ resins for mechanical performance and optics
- Exceed™ Flow resins for easy flow and processability
- Exceed™ Tough+ resins for durability and toughness

The new formulation was created to limit the use of LDPE, while successfully resulting in a stronger film without compromising processability or application performance. Beyond supplying high-performing resins, the ExxonMobil Signature Polymers team provided deep technical expertise, including tailored design recommendations and processing support.

Thickness: 50 µm

- Exceed™ m 1018
- Exceed™ Tough+ m 0518
- Exceed™ Flow m 0535
- ExxonMobil™ LD 07523
- ExxonMobil™ LD 03529
- ExxonMobil™ HD 5207
- ExxonMobil™ HD 6207FL



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more information

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2025-RTI-4966



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EVO GEN3: Blown film lines for > 1000 kg/h output

GEN3 highlights:

- EVO GEN3 Universal Extruders
- EVO Ultra Dies
- EVO Ultra Cool GEN3 Cooling Systems
- EVO Ultra Flat GEN3 Take-off Systems with Auto Flat
- AI Chatbot
- EVO OS 3 Automation

EVO GEN3 benefits:

EVO GEN3 blown film lines address today's challenges such as price competition, staff shortages, and short job orders, all while delivering exceptional film quality. The technology gives producers the edge – with a boost in performance, intuitive operations and a future-proof platform.

Boost your performance:

The perfect combination of a new die head generation with the most advanced cooling system pushes output further while ensuring a consistently reliable film quality.

Simplify operations:

With intuitive interfaces, assistant software, and intelligent hardware, EVO lines are easy to operate, even for less experienced staff.

Future-proof your production:

EVO's innovative control architecture offers connectivity, data analysis, and cybersecurity, ensuring readiness and scalability for digital transformation.

Show case at K 2025: Performance meets efficiency – line configuration:

- 5-layer line
- 1.800 mm lay flat
- Ultra Die 5 with a 350 mm die insert
- Output > 1000 kg/h (die factor 3!)

