

STRETCH HOOD WITH 35% PCR

Proven in Extreme Conditions - Ready for Tomorrow's Regulations Today



Why PCR in Stretch Hoods?

The future of transport packaging is being reshaped by sustainability. Under the upcoming Packaging and Packaging Waste Regulation (PPWR), the use of 35% PCR in transport packaging will become mandatory by 2030. Stretch hood films, used at the end of high-volume petrochemical production lines, must meet the highest standards of film tolerances and homogeneity. The integration of PCR adds a new level of complexity, demanding even tighter control over all production and quality parameters.

Our OPTIMEX II is designed for these challenges by delivering superior melt homogeneity, signature film tolerances, and precision-controlled processing – ensuring reliable performance even with high PCR content. We thoroughly validated this film in demanding real-world conditions.

The result: Stable load security after enduring the equivalent of 700 km (435 miles) of rough transport at 50°C (122°F) – matching the performance of conventional stretch hood films with 120 µm.

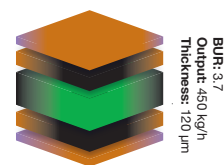
Your advantages

-  Increased sustainability of transport packaging
-  Ready for EU Packaging and Packaging Waste
-  Excellent performance on the stretch hooder
-  Proven load stability in hot climate conditions

PCR Hood

Amount	Resins		Layer Thickness	Functions
56%	mLLDPE	Anteo FK1820	12 µm	Toughness, puncture resistance
40%	mLLDPE	Anteo FK1510		
4%	MB	AMF Antiblock		
60%	Plastomer	Queo 0201	24 µm	Elastic recovery
40%	mLLDPE	Anteo FK1510		
88%	PCR	NAV101L	48 µm	Sustainability, elastic recovery
12%	Plastomer	Queo 0201		
60%	Plastomer	Queo 0201	24 µm	Elastic recovery
40%	mLLDPE	Anteo FK1510		
95%	mLLDPE	Anteo FK1820	12 µm	Toughness, puncture resistance
5%	MB	AMF + Antiblock + Slip		
Total 120 µm				

Compared to 120 µm film thickness of the virgin stretch hood



Our partners





OPTIMEX™

efficient. proven. smart.

New: Post Cooling Unit ARCTIS HALO

- ✓ Output maximization by increased cooling performance to avoid film blocking
- ✓ Same level of output performance with a reduction of antiblock additive
- ✓ Energy efficient post cooling by automated adjustment of air stream to tube diameter