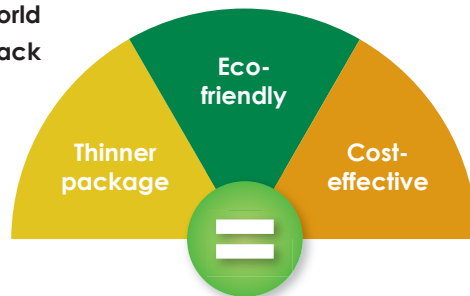


# INTRAMA INTRODUCES THE WORLD'S THINNEST 11-LAYER LAMINATED HIGH BARRIER FILM WITH ANTI-FOG

INTRAMA is a Bulgarian-German company with over 25 years of experience in providing complete packaging solutions for the food industry. As the biggest producer of multi-layer barrier packing in Bulgaria and a responsible company with an active position on environment protection, INTRAMA presents its ground-breaking **Top In L HB HT 35 AF** film.

**The innovative Top In L HB HT 35 AF film of INTRAMA is the thinnest 11-layer high barrier film in the world for packaging with traysealers and flowpack machines.**

INTRAMA's ultra-thin 35 µm film supports our clients to build up more sustainable and competitive product portfolio in the context of the sustainability goals defined by the EU for a circular economy and waste reduction.



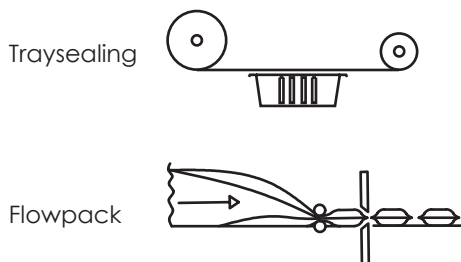
**The thinnest 11-layer laminated high barrier film with anti-fog available on the market world-wide** is manufactured with variety of functionalities and consistent product quality. Anti-fog for excellent product presentation, hot-tack for fast speed machines and low friction coefficient for excellent packaging process.

## Top In L HB HT 35 AF applications

Products:



Packaging technologies:



## Top In L HB HT 35 AF in numbers

### Top In L HB HT 35 AF vs 60 µm film on Tray sealer

Film type	Oxygen barrier OTR	Used raw material for 1 package in grams	Reduction of used raw material in %	Number of packages from 1 kg raw material	Increment in the number of packages in %
60 µm film	< 10	2.46		406	
Top In L HB HT 35 AF	< 10	1.41	42.6%	680	67.5%

Used package sizes for calculations: 227 mm / 178 mm

### What would you achieve if you implement Top In L HB HT 35 AF film in your packaging process with tray sealer

- ↓ 992 kg less raw material per 1 million packages when replacing 60 µm film with the ultra-thin Top In L HB HT 35 AF
- ↑ 274 000 pcs. more packages out of 1000 kg raw material when replacing 60 µm films with the ultra-thin Top In L HB HT 35 AF
- ✓ Same shelf life
- Cost-effective packaging process with a smaller environmental footprint

### Top In L HB HT 35 AF vs 75 µm film on Flowpack

Film type	Oxygen barrier OTR	Used raw material for 1 package in grams	Reduction of used raw material in %	Number of packages from 1 kg raw material	Increment in the number of packages in %
75 µm film	< 10	7.5		132	
Top In L HB HT 35 AF	< 10	3.5	53.3%	274	108%

Used package sizes for calculations: 500 mm / 200 mm

### What would you achieve if you implement Top In L HB HT 35 AF film in your packaging process with flowpack machine

- ↓ 3926 kg less raw material per 1 million packages when replacing 75 µm film with the ultra-thin Top In L HB HT 35 AF
- ↑ 142 000 pcs. more packages out of 1000 kg raw material when replacing 75 µm films with the ultra-thin Top In L HB HT 35 AF
- ✓ Same shelf life
- Cost-effective packaging process with a smaller environmental footprint