

# TRIPLEX FULL PE HIGH BARRIER POUCH

Made with an AIOx Layer and an oxygen barrier coating



## Why Triplex full PE high barrier pouch?

In cooperation with Nordmeccanica and Henkel, we have developed a highly stable pouch with a triplex laminate for demanding applications. The barrier function is achieved with a transparent AIOx layer and an oxygen barrier coating, LOCTITE® LIOFOL® BC 1582 RE from Henkel. Both layers were applied using Nordmeccanica Vacuum & Coating technology (Nordmet 12 F Plus/Super Combi 5000). This combination protects the AIOx layer and ensures a high barrier function. The triplex pouch was laminated with Henkel's solvent-free, recyclable LOCTITE® LIOFOL® LA 7818 RE/LA 6231 RE adhesive on Nordmeccanica's triplex one shot laminator.

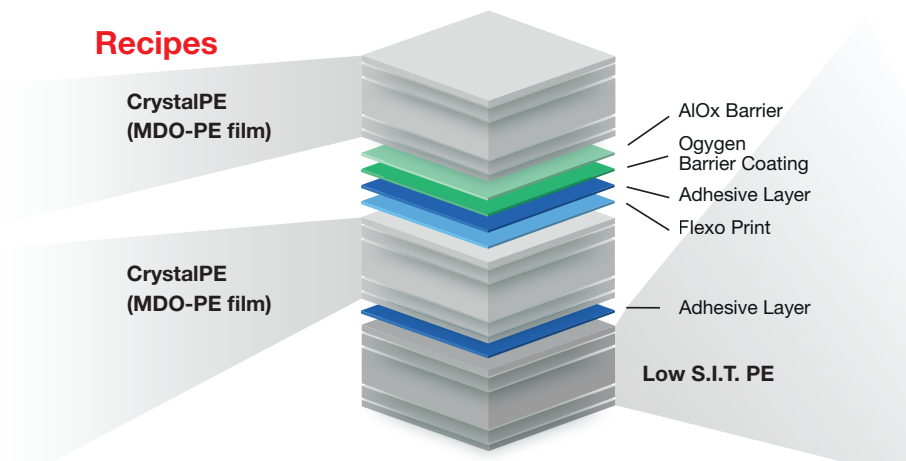
## Your advantages

- ✓ The triplex laminate ensures exceptional stability, meeting the highest demands.
- ✓ The transparent AIOx layer combined with Henkel's advanced coating provides superior barrier protection.
- ✓ Made from mono-PE, this pouch supports environmentally friendly packaging initiatives.

## Our partners



## Recipes



Learn more about **TRIPLEX FULL PE HIGH BARRIER POUCH**:  
[www.wh.group/int/en/sustainability/circular\\_economy/recyclable\\_solutions/triplex\\_full\\_pe\\_high\\_barrier\\_pouch.html](http://www.wh.group/int/en/sustainability/circular_economy/recyclable_solutions/triplex_full_pe_high_barrier_pouch.html)

Find more information about **MIRAFLEX™** with **INLINER** on the back of the page.



# MIRAFLEX<sup>™</sup> WITH INLINE PRINTING TECHNOLOGY

Sustainable printing made easy – Printed barrier solutions



Freshness and quality are important, especially for packaged food products. To achieve these, the barrier properties of the packaging used are crucial. W&H has been working with various market leading partners to further develop barrier coating technology for packaging products as a sustainable and flexible alternative to multi-layer packaging material.

## Why MIRAFLEX<sup>™</sup>?

- Best print quality**  
 The robust print deck design, drying capabilities and web handling are the base for the superior print quality of the MIRAFLEX<sup>™</sup>.
- Efficient inline processes**  
 Choose between flexo and gravure inline solutions with high-capacity drying systems, especially for water-based coatings.
- Fast changeovers**  
 Integrated EASY modules for impression and register setting allow quick, **waste-minimizing** set-up and job changes. TURBOCLEAN with diaphragm or electric pumps guarantees exceptional cleaning results and **most efficient ink** and **solvent usage**. W&H's approach on **sustainable flexo production**.

## Your advantages

- ✓ Superior print quality with high throughput and productivity
- ✓ Water-based flexo technology available
- ✓ Fast and easy adaption of barrier coatings (type, application weight, ...)
- ✓ Flexibility to apply PVOH to a wide range of materials (MDO-PE, OPP, paper, ...)
- ✓ Competence in inline applications with flexo and gravure solutions

## Technical Data

	MIRAFLEX <sup>™</sup> M	MIRAFLEX <sup>™</sup> L
Color decks	8 or 10	8 or 10
Printing width	820 – 1450 mm (32.25" – 57")	1000 – 1450 mm (39.3" – 57")
Repeat length	max. 800 mm (31.5")	max. 1130 mm (44.5")
Press speed	400/500/600 m/min. (1300/1640/1960 ft/min.)	400/500/600 m/min. (1300/1640/1960 ft/min.)



Learn more about MIRAFLEX<sup>™</sup> with INLINER:  
[www.wh.group/int/en/our\\_products/printing/  
inline\\_printing\\_units/](http://www.wh.group/int/en/our_products/printing/inline_printing_units/)

Find more information about  
**TRIPLEX FULL PE HIGH BARRIER POUCH:**  
 on the back of the page.

