

Olmo Paper 2.0+ versus other liners

	Plain Paper	PE Coated non peelable	Film	Olmo Paper	Olmo Paper 2.0+
Grammage	70-120 g/m ²	85 -95 g/m ²	30-50 my	85-95 g/m ²	115 g/m ²
Customer productivity		●	●●	●●	●●●
Foam quality		●	●●	●●	●●●
Protection of foam block			*	●●●	●●●
Raw material savings			●●	●●●	●●●
Runnability/Foam processing		●	●●●	●●	●●●
Reduction of web breaks	●	●●	●●●	●●	●●●
Production safety		●	●●	●●	●●●
Environmental aspects				●●●	●●●
Recyclability				●●	●●●
Clean work environment		●	●●	●●●	●●●

● good ●● better ●●● best

* = ●●●● where the film remains on the foam block

Plant network



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Olmo Paper 2.0+

The high performance process liner for the flexible foam industry



IN TOUCH EVERY DAY
www.mondigroup.com

OLMO Paper 2.0+ offers major advantages in terms of runnability, productivity and environmental impact.

Olmo Paper 2.0+

The flexible foam industry – a growing market with rising requirements

The growth of the PU industry is historically 3-4% above actual GDP* in respective markets. The growing trend is towards more sophisticated foam qualities (technical foams) with high demands on safety regulation and production control. Environmental aspects are becoming more and more important and the industry faces volatile raw material markets. 30 years of experience in the flexible foam industry have shown us that every paper break leads to costs of more than 1,500 EUR, an average loss of 20m of the foam block and valuable time to clean and restart the machine.

The appropriate process liner, which costs less than 1% of the foam value, reduces the risk of any paper break enormously.**



The next level of process liners

Backed by a long and successful history with peelable papers, Mondi **Extrusion Coatings** has designed the most efficient process liner, **Olmo Paper 2.0+**, providing enormous cost savings, a cleaner production process and environmental benefits. **Olmo Paper 2.0+** is an optimised solution that combines a strong Mondi paper with a special polymer layer which is tailor-made for the foam industry.

This exciting new material solves various production problems associated with conventional processing paper or standard polyethylene films. **Olmo Paper 2.0+** is designed to run on all machine types.



Olmo Paper 2.0+ more than a product:

Olmo Paper 2.0+ is offered as a full package, comprising an improved process liner plus additional services like technical assistance, cost optimisation, reel width standardisation and expertise gained from 30 years of serving the flexible foam industry worldwide.



The new generation of process liners developed to improve our customers' productivity

The benefits of Olmo Paper 2.0+

Customer productivity and saving

- Raw material savings:** Coverage of the block on all four sides prevents chemicals from evaporating. Leaving the polymer layer on the foam block avoids material loss. *We can prove scientifically, and also via customer testimonials, that up to 2 Index units of TDI can be saved.* For further information, please get in touch with your Mondi contact.
- Foam quality:** Improvement of the surface characteristics and edge shape of the block → **Up to 1% increased prime foam output****
- Protection of the foam block:** Prevention of moisture entering the foam block and protection of the foam block from UV light.



Runnability/Foam processing

- Runnability:** Olmo Paper 2.0+ is a more stable process liner developed to improve the foaming process across a wide variety of flexible foam types like conventional, polyester, high resilience and visco elastic.
- Reduced risk of web breaks:** Usage of a stronger paper with tailored characteristics for the specific needs of the foam line.
- Production safety:** Human contact with potentially toxic vapours is minimised due to the Olmo Paper 2.0+ concept of covering the block.



Environmental aspects

- Recyclability:** Undamaged Olmo Paper 2.0+ paper can be recycled in a number of ways.
- Clean work environment:** Workers are protected from toxic vapour exposure, and machine conveyors are kept clean from sticky foam.



* PU Magazine - Vol.7, NO.1-February/March 2010 ** Experience of a pilot customer